

**Table S4.** Taxonomic classification of bacteria and clones found in adults of thrips using temporal temperature gradient electrophoresis (TGGE) analysis, according to their similarity to the 16S rRNA gene sequences recorded in the GenBank and RDP II databases.

Code/ Locality	Related taxa (GenBank acc. No.)	BlastN (%ID)	Phylum	Found in other insects (Reference)	Note (Reference)
1A	Uncultured <i>Anaplasma</i> sp. (JN673772.1)	92	Proteobacteria	<i>Ixodes scapularis</i> (Neelakanta, [66])	Symbiont
2A	Uncultured <i>Anaplasma</i> sp. (JN673772.1)	92	Proteobacteria	<i>Ixodes scapularis</i> (Neelakanta, [66])	NR
7A	Uncultured <i>Ralstonia</i> sp. (KJ699277.1)	99	Proteobacteria	<i>Ixodes scapularis</i> (Neelakanta, [66])	NR
8A	Uncultured <i>Ralstonia</i> sp. (KJ699277.1)	99	Proteobacteria	<i>Ixodes scapularis</i> (Neelakanta, [66])	NR
10A	Uncultured <i>Ralstonia</i> sp. (KJ699277.1)	99	Proteobacteria	<i>Ixodes scapularis</i> (Neelakanta, [66])	NR
11A	<i>B. pumilus</i> (NR_118381.1)	100	Firmicutes	<i>Amrasca biguttula</i> <i>biguttula</i> (Sivakumar [62])	Nutrition and defense (Sivakumar [62]) Biocontrol (Rishad)
12A	<i>B. pumilus</i> (NR_118381.1)	100	Firmicutes	<i>Amrasca biguttula</i> <i>biguttula</i> (Sivakumar [62])	Nutrition and defense (Sivakumar [62])

					Biocontrol (Rishad)
13A	<i>B. tropicus</i> (NR_157736.1)	98	Firmicutes	NR	NR
20A	Uncultured Firmicutes bacterium (GQ255454.1)	99	Firmicutes	NR	NR
21A	Uncultured Firmicutes bacterium (GQ255454.1)	99	Firmicutes	NR	NR
22A	Uncultured Firmicutes bacterium (GQ255454.1)	99	Firmicutes	NR	NR
23A	Uncultured Firmicutes bacterium (GQ255454.1)	99	Firmicutes	NR	NR
25A	Uncultured Firmicutes bacterium (GQ255454.1)	99	Firmicutes	NR	NR
26A	Uncultured Firmicutes bacterium (GQ255454.1)	99	Firmicutes	NR	NR
27A	Uncultured Firmicutes bacterium (GQ255454.1)	99	Firmicutes	NR	NR

28A	Uncultured Firmicutes bacterium (GQ255454.1)	99	Firmicutes	NR	NR
20B	Bacterium symbiont of <i>H.</i> <i>haemorrhoidalis</i> (KM582849.1)	99	NR	NR	NR
30B	<i>Wolbachia</i> symbiont of <i>S.</i> <i>lineatus</i> (EU727131.1)	99	Proteobacteria	<i>Sciothrips</i> <i>cardamomi</i> (Jacob [67]), <i>Thrips palmi</i> (Saurav et al. [24]), <i>Hoplothrips</i> <i>carpathicus</i> (Kaczmarczyk, [25]), <i>Lutzomyia</i> <i>evansi</i> (Vivero et al. [68]),	Endosymbiont
32B	Unc. Enterobacteriaceae bacterium clone <i>F.bispinosa</i> (JQ182137.1)	99	Proteobacteria	NR	NR
34B	Unc. Enterobacteriaceae bacterium clone <i>F.bispinosa</i> (JQ182137.1)	99	Proteobacteria	NR	NR

	Unc.				
	Enterobacteriaceae				
35B	bacterium clone	99	Proteobacteria	NR	NR
	<i>F.bispinosa</i>				
	(JQ182137.1)				

	Unc.				
	Enterobacteriaceae				
36B	bacterium clone	99	Proteobacteria	NR	NR
	<i>F.bispinosa</i>				
	(JQ182137.1)				

	Unc.				
	Enterobacteriaceae				
37B	bacterium clone	99	Proteobacteria	NR	NR
	<i>F.bispinosa</i>				
	(JQ182137.1)				

	Unc.				
	Enterobacteriaceae				
41B	bacterium clone	99	Proteobacteria	NR	NR
	<i>F.bispinosa</i>				
	(JQ182137.1)				

50B	<i>Wolbachia</i> symbiont of <i>S.</i> <i>lineatus</i> (EU727131.1)	99	Proteobacteria	<i>Sciothrips</i> <i>cardamomi</i> (Jacob [67]), <i>Thrips palmi</i> (Saurav et al. [24]), <i>Hoplothrips</i> <i>carpathicus</i> (Kaczmarczyk, [25]), <i>Lutzomyia</i> <i>evansi</i> (Vivero et al. [68]),	Endosymbiont
51B	<i>Wolbachia</i> symbiont of <i>S.</i> <i>lineatus</i> (EU727131.1)	99	Proteobacteria	<i>Sciothrips</i> <i>cardamomi</i> (Jacob [67]), <i>Thrips palmi</i> (Saurav et al. [24]), <i>Hoplothrips</i> <i>carpathicus</i> (Kaczmarczyk, [25]), <i>Lutzomyia</i> <i>evansi</i> (Vivero et al. [68]),	Endosymbiont
53B	<i>Wolbachia</i> symbiont of <i>S.</i> <i>lineatus</i> (EU727131.1)	99	Proteobacteria	<i>Sciothrips</i> <i>cardamomi</i> (Jacob [67]), <i>Thrips palmi</i> (Saurav et al. [24]), <i>Hoplothrips</i> <i>carpathicus</i> (Kaczmarczyk, [25]), <i>Lutzomyia</i> <i>evansi</i> (Vivero et al. [68]),	Endosymbiont

54B	<i>Wolbachia</i> symbiont of <i>S.</i> <i>lineatus</i> (EU727131.1)	97	Proteobacteria	<i>Sciothrips</i> <i>cardamomi</i> (Jacob [67]), <i>Thrips palmi</i> (Saurav et al. [24]), <i>Hoplothrips</i> <i>carpathicus</i> (Kaczmarczyk, [25]), <i>Lutzomyia</i> <i>evansi</i> (Vivero et al. [68]),	Endosymbiont
1C	Uncultured <i>Anaplasma</i> sp. (JN673772.1)	92	Proteobacteria	<i>Ixodes scapularis</i> (Neelakanta, [66])	Symbiont
2C	Uncultured <i>Anaplasma</i> sp. (JN673772.1)	92	Proteobacteria	<i>Ixodes scapularis</i> (Neelakanta, [66])	Symbiont
3C	<i>P. agglomerans</i> (NR_041978.1)	99	Proteobacteria	<i>F. occidentalis</i> (Chanbusarakum and Ullman, [14]), <i>F. fusca</i> (Wells et al. [54]) and <i>T. tabaci</i> (De Vries et al., [19])	Symbiont
4C	<i>P. eucalypti</i> (NR_116112.1)	99	Proteobacteria	NR	NR

5C	<i>Wolbachia</i> symbiont of <i>S.</i> <i>lineatus</i> (EU727131.1)	99	Proteobacteria	<i>Sciothrips</i> <i>cardamomi</i> (Jacob [67]), <i>Thrips palmi</i> (Saurav et al. [24]), <i>Hoplothrips</i> <i>carpathicus</i> (Kaczmarczyk, [25]), <i>Lutzomyia</i> <i>evansi</i> (Vivero et al. [68]),	Endosymbiont
6C	<i>Wolbachia</i> symbiont of <i>S.</i> <i>lineatus</i> (EU727131.1)	99	Proteobacteria	<i>Sciothrips</i> <i>cardamomi</i> (Jacob [67]), <i>Thrips palmi</i> (Saurav et al. [24]), <i>Hoplothrips</i> <i>carpathicus</i> (Kaczmarczyk, [25]), <i>Lutzomyia</i> <i>evansi</i> (Vivero et al. [68]),	Endosymbiont
7C	<i>Wolbachia</i> symbiont of <i>S.</i> <i>lineatus</i> (EU727131.1)	99	Proteobacteria	<i>Sciothrips</i> <i>cardamomi</i> (Jacob [67]), <i>Thrips palmi</i> (Saurav et al. [24]), <i>Hoplothrips</i> <i>carpathicus</i> (Kaczmarczyk, [25]), <i>Lutzomyia</i> <i>evansi</i> (Vivero et al. [68]).	Endosymbiont

8C	<i>Burkholderia puraquae</i> (NR_159299.1)	99	Proteobacteria	NR	NR
12C	<i>Cutibacterium</i> (NR_040847.1)	99	Actinobacteria	NR	NR
15C	Uncultured <i>Ralstonia</i> sp. (KJ699277.1)	99	Proteobacteria	<i>Ixodes scapularis</i> (Moreno et al., [39])	NR
16C	<i>B. tropicus</i> (NR_157736.1)	98	Firmicutes	NR	NR
20C	Unc. Enterobacteriaceae bacterium clone <i>F.bispinosa</i> (JQ182137.1)	99	Proteobacteria	NR	NR
21C	Unc. Enterobacteriaceae bacterium clone <i>F.bispinosa</i> (JQ182137.1)	99	Proteobacteria	NR	NR
22C	Unc. Enterobacteriaceae bacterium clone <i>F.bispinosa</i> (JQ182137.1)	99	Proteobacteria	NR	NR



23C	Unc. Enterobacteriaceae bacterium clone <i>F.bispinosa</i> (JQ182137.1)	99	Proteobacteria	NR	NR
24C	Unc. Enterobacteriaceae bacterium clone <i>F.bispinosa</i> (JQ182137.1)	99	Proteobacteria	NR	NR
25C	Unc. Enterobacteriaceae bacterium clone <i>F.bispinosa</i> (JQ182137.1)	99	Proteobacteria	NR	NR
26C	Unc. Enterobacteriaceae bacterium clone <i>F.bispinosa</i> (JQ182137.1)	99	Proteobacteria	NR	NR
27C	Unc. Enterobacteriaceae bacterium clone <i>F.bispinosa</i> (JQ182137.1)	99	Proteobacteria	NR	NR

	Unc. Enterobacteriaceae				
28C	bacterium clone <i>F.bispinosa</i> (JQ182137.1)	99	Proteobacteria	NR	NR
5W2 Clone	<i>Wolbachia</i> symbiont of <i>S.</i> <i>lineatus</i> (EU727131.1)	99	Proteobacteria	<i>Sciothrips</i> <i>cardamomi</i> (Jacob [67]), <i>Thrips palmi</i> (Saurav et al. [24]), <i>Hoplothrips</i> <i>carpathicus</i> (Kaczmarczyk, [25]), <i>Lutzomyia</i> <i>evansi</i> (Vivero et al. [68]).	Endosymbiont
5W3 Clone	<i>Wolbachia</i> symbiont of <i>S.</i> <i>lineatus</i> (EU727131.1)	99	Proteobacteria	<i>Sciothrips</i> <i>cardamomi</i> (Jacob [67]), <i>Thrips palmi</i> (Saurav et al. [24]), <i>Hoplothrips</i> <i>carpathicus</i> (Kaczmarczyk, [25]), <i>Lutzomyia</i> <i>evansi</i> (Vivero et al. [68]).	Endosymbiont

6C Clone	<i>Wolbachia</i> symbiont of <i>S.</i> <i>lineatus</i> (EU727131.1)	99	Proteobacteria	<i>Sciothrips</i> <i>cardamomi</i> (Jacob [67]), <i>Thrips palmi</i> (Saurav et al. [24]), <i>Hoplothrips</i> <i>carpathicus</i> (Kaczmarczyk, [25]), <i>Lutzomyia</i> <i>evansi</i> (Vivero et al. [68]).	Endosymbiont
6C2 Clone	<i>Wolbachia</i> symbiont of <i>S.</i> <i>lineatus</i> (EU727131.1)	99	Proteobacteria	<i>Sciothrips</i> <i>cardamomi</i> (Jacob [67]), <i>Thrips palmi</i> (Saurav et al. [24]), <i>Hoplothrips</i> <i>carpathicus</i> (Kaczmarczyk, [25]), <i>Lutzomyia</i> <i>evansi</i> (Vivero et al. [68]).	Endosymbiont
11C Clone	<i>Cutibacterium</i> (NR_040847.1)	99	Actinobacteria	NR	NR
12C Clone	<i>Cutibacterium</i> (NR_040847.1)	99	Actinobacteria	NR	NR
16C Clone	<i>Cutibacterium</i> (NR_040847.1)	99	Actinobacteria	NR	NR

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