

**Table S1:** Dunn pairwise test's results. Comparison of insecticidal activity rates between the different isolated species and *Bti* (AM65-52).

Mean rank		<i>Streptomyces</i> sp Sen 181	<i>Streptomyces</i> sp Sen 43	<i>Streptomyces</i> sp Sen 154	<i>Streptomyces</i> sp Sen 86	<i>Streptomyces</i> sp Sen 39	<i>Brevibacillus</i> <i>brevis</i>	<i>Bacillus</i> <i>nealsonii</i>	<i>Micrococcus</i> <i>luteus</i>	<i>Bacillus</i> <i>pumilus</i>	<i>Bacillus</i> <i>subtilis</i>	<i>Bacillus</i> sp.	<i>Bti</i> AM65- 52
	<i>Streptomyces</i> sp Sen 181		0,173	0,041	< 0,0001	0,002	0,006	< 0,0001	0,017	0,041	0,173	0,041	0,011
	<i>Streptomyces</i> sp Sen 43	-48,000		0,001	< 0,0001	< 0,0001	0,173	< 0,0001	0,307	0,496	1,000	0,496	< 0,0001
	<i>Streptomyces</i> sp Sen 154	72,000	120,000		0,061	0,307	< 0,0001	< 0,0001	< 0,0001	< 0,0001	0,001	< 0,0001	0,610
	<i>Streptomyces</i> sp Sen 86	138,000	186,000	66,000		0,395	< 0,0001	< 0,0001	< 0,0001	< 0,0001	< 0,0001	< 0,0001	0,173
	<i>Streptomyces</i> sp Sen 39	108,000	156,000	36,000	-30,000		< 0,0001	< 0,0001	< 0,0001	< 0,0001	< 0,0001	< 0,0001	0,610
	<i>Brevibacillus</i> <i>brevis</i>	-96,000	-48,000	-168,000	-234,000	-204,000		< 0,0001	0,734	0,496	0,173	0,496	< 0,0001
	<i>Bacillus</i> <i>nealsonii</i>	312,000	360,000	240,000	174,000	204,000	408,000		< 0,0001	< 0,0001	< 0,0001	< 0,0001	< 0,0001
	<i>Micrococcus</i> <i>luteus</i>	-84,000	-36,000	-156,000	-222,000	-192,000	12,000	-396,000		0,734	0,307	0,734	< 0,0001
	<i>Bacillus</i> <i>pumilus</i>	-72,000	-24,000	-144,000	-210,000	-180,000	24,000	-384,000	12,000		0,496	1,000	< 0,0001
	<i>Bacillus</i> <i>subtilis</i>	-48,000	0,000	-120,000	-186,000	-156,000	48,000	-360,000	36,000	24,000		0,496	< 0,0001
	<i>Bacillus</i> sp.	-72,000	-24,000	-144,000	-210,000	-180,000	24,000	-384,000	12,000	0,000	-24,000		< 0,0001
	<i>Bti</i> AM65- 52	90,000	138,000	18,000	-48,000	-18,000	186,000	-222,000	174,000	162,000	138,000	162,000	