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**Title: The potential mosquitocidal activity of *cry4A* toxic region crystal protein gene from local isolates of *Bacillus thuringiensis* against *Aedes aegypti***

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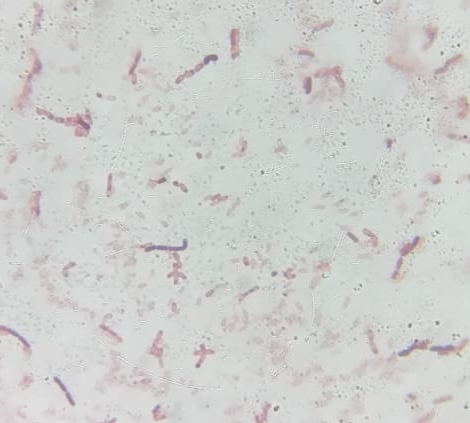
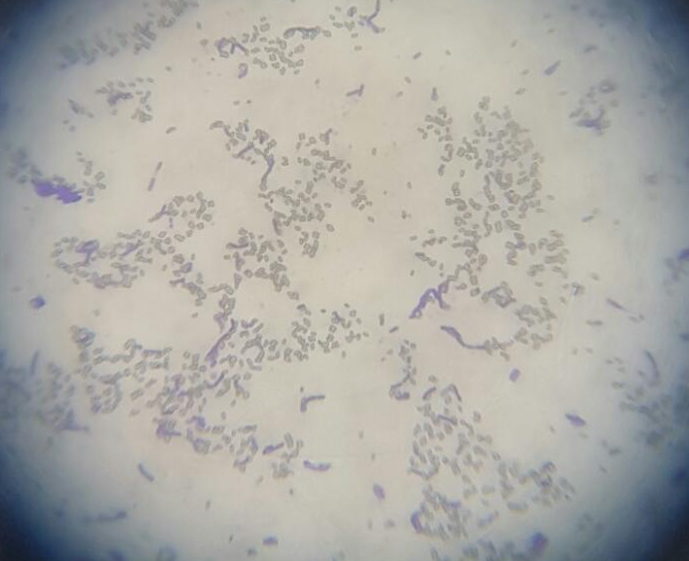
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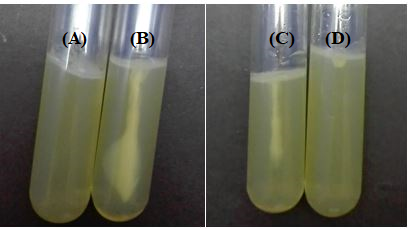
**Supplementary data (Tables and figures)**



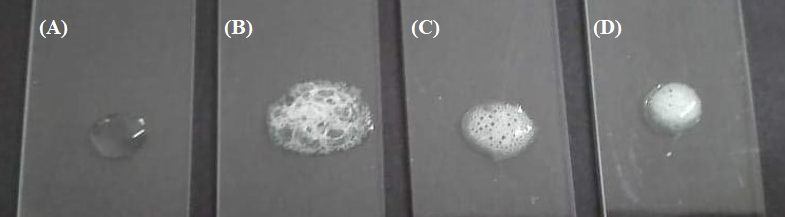
**(A) (B)**

**Figure S1(a):** Crystal staining of bacterial isolates

(A) GCU-DAB-TK-09, (B) HD500.

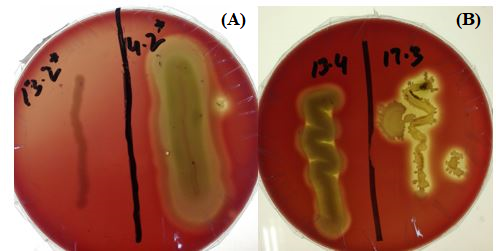


**Figure S1(b):** Motility test haze around the stab by motile bacteria (A) Control, (B) GCU-DAB-TK-12 while (D) control and (C) GCU-DAB-TK-04.

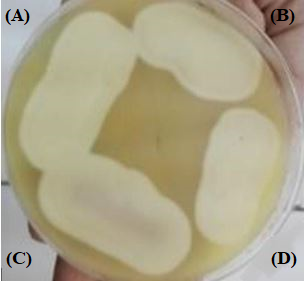
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**Figure S1©:** Catalase test (A) Control, (B) GCU-DAB-TK-13,

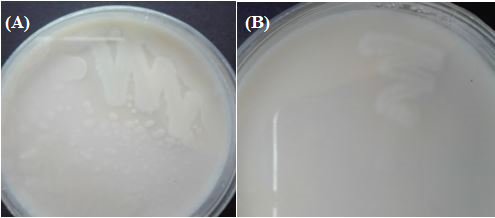
(C) GCU-DAB-TK-04, and (D) GCU-DAB-TK-19.

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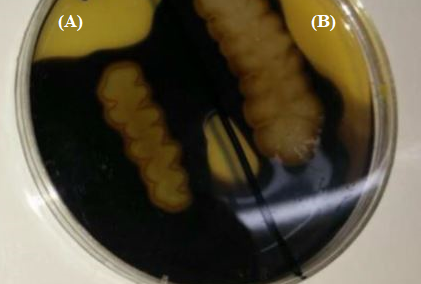
**Figure S2(a):** *B.t.* showing hemolysis on sheep blood agar (A) GCU-DAB-TK-04, (B) GCU-DAB-TK-13 and GCU-DAB-TK-17.



**Figure S2(b):** Lecithinase production test (A) GCU-DAB-TK-04, (B) GCU-DAB-TK-09, (C) GCU-DAB-TK-13, and (D) HD500.



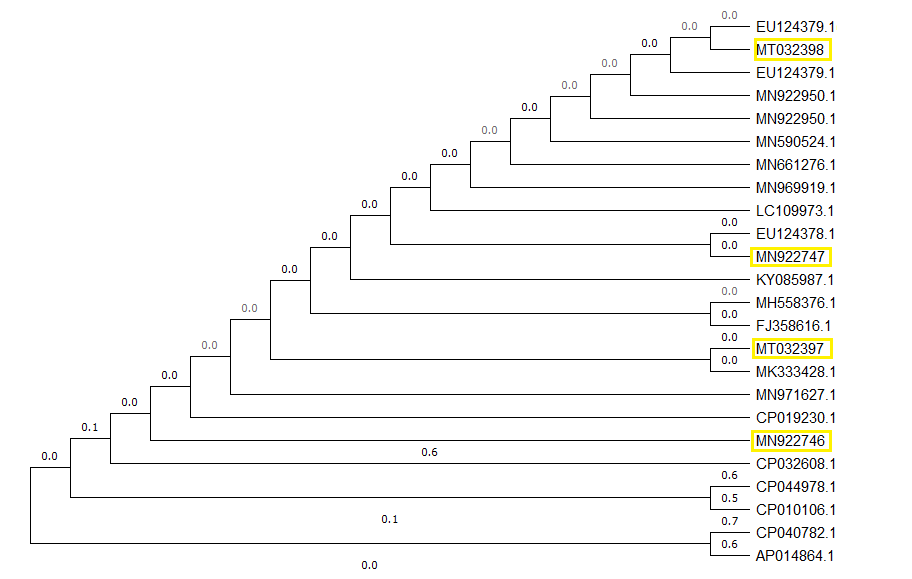
**Figure S2(c):** Casein hydrolysis test (A) GCU-DAB-TK-12, (B) GCU-DAB-TK-09.

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**Figure S2(d):** Starch hydrolysis test (A) GCU-DAB-TK-12, (B) GCU-DAB-TK-23.



**Figure S2(e):** Indole test (A) GCU-DAB-TK-11, and (B) GCU-DAB-TK-14.



**Figure S3:** Dendrogram representing 16S rRNA gene relatedness of four most toxic *B.t.* isolates GCU-DAB-TK-13, GCU-DAB-TK-09, GCU-DAB-TK-06 and GCU-DAB-TK-04 with accession numbers MT032398, MN922747, MT032397 and MN922746 with already reported genes in GenBank DNA database.