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## In-silico analysis

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The sequences of mosquito larvicidal toxins reported for *B. thuringiensis* like all Crystal (Cry1 to Cry73) proteins and Vegetative insecticidal proteins (VIP-1, VIP-2, VIP-3, VIP-4) in addition to the Binary toxins (Bin-A and Bin-B) and Mosquito-cidal (Mtx-1; Mtx-2; Mtx-3) from *B. sphaericus*, were used as template sequences to search for homologous sequences in the NCBI-BLAST analysis. out against the databases of *Bacillus paramycoides*, *Bacillus australimaris*, *Bacillus cereus*, and *Bacillus tequilensis* and genome by using p-BLAST (<https://blast.ncbi.nlm.nih.gov>) with default search parameters.