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DNA extraction and Sequencing

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**DNA extraction and Sequencing**

The four bacteria which showed differential toxicity against the *Culex quinquefasciatus* were subjected to DNA isolation and purification through HiPurA™ Bacterial Genomic DNA Purification Spin Kit (Himedia). Identification of species was done by using 16S rRNA sequencing at Eurofins Genomics India Pvt. Ltd using three primers 27F, 1492R and 519R and further for confirmation at National Centre for Microbial Resources, (NCMR) - National Centre for Cell Science (NCCS- Pune, India) using five primers 27F, 1492R(18)(19), 704F, 907R and 519R(20)(21). The sequencing results obtained were analyzed and identified using the NCBI 16S rRNA bacterial database (<https://blast.ncbi.nlm.nih.gov/Blast>).