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Collection and midgut dissection of mosquito larvae

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Abstract

Collection and midgut dissection of mosquito larvae

Troubleshooting

**Collection and midgut dissection of mosquito larvae**

The dead *Culex quinquefasciatus* mosquito larvae in the fourth instar stage were collected from the wild population around the western regions of Mumbai, India. The location coordinates for these collection sites are provided in the Supplementary data 1. The mid-gut of these mosquito larvae was dissected and the gut material was inoculated in nutritionally rich Luria Bertini media. The bacteria obtained were further screened on selective gram-positive media namely, Columbia CN (Colistin, Nalidixic acid) Agar, Phenyl-ethanol Agar(14) and the US Patented media(15).