## **Supplementary Material**

## Short Communication: Production and Utilization of Locally Characterized Recombinant β-Lactamase as Positive Control in the Antibiotic Susceptibility Testing

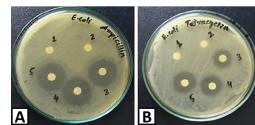


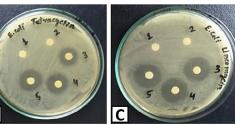


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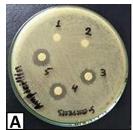


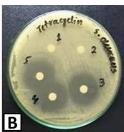


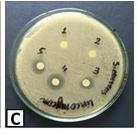


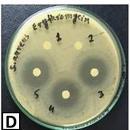


Supplementary Fig. S1. Kirby-Bauer assay for antibacterial susceptibility testing. Petri plates having LB medium were utilized for antibacterial susceptibility testing. *Escherichia coli* culture was spread on all the petri plates. Five discs were placed on each petri plate. In petri plates A, B, C, D and E, ampicillin, tetracycline, lincomycin, erythromycin and penicillin G, respectively were applied on all the five discs. In addition to antibiotic,  $\beta$ -lactamase from Hi-Media was applied on disc 1 as control and  $\beta$ -lactamase from current study was applied on disc 2 in each plate.











Supplementary Fig. S2. Kirby-Bauer assay for antibacterial susceptibility testing. Petri plates having LB medium were utilized for antibacterial susceptibility testing. Staphylococcus aureus culture was spread on all the petri plates. Five discs were placed on each petri plate. In petri plates A, B, C, D and E, ampicillin, tetracycline, lincomycin, erythromycin and penicillin G, respectively were applied on all the five discs. In addition to antibiotic,  $\beta$ -lactamase from Hi-Media was applied on disc 1 as control and  $\beta$ -lactamase from current study was applied on disc 2 in each plate.

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