



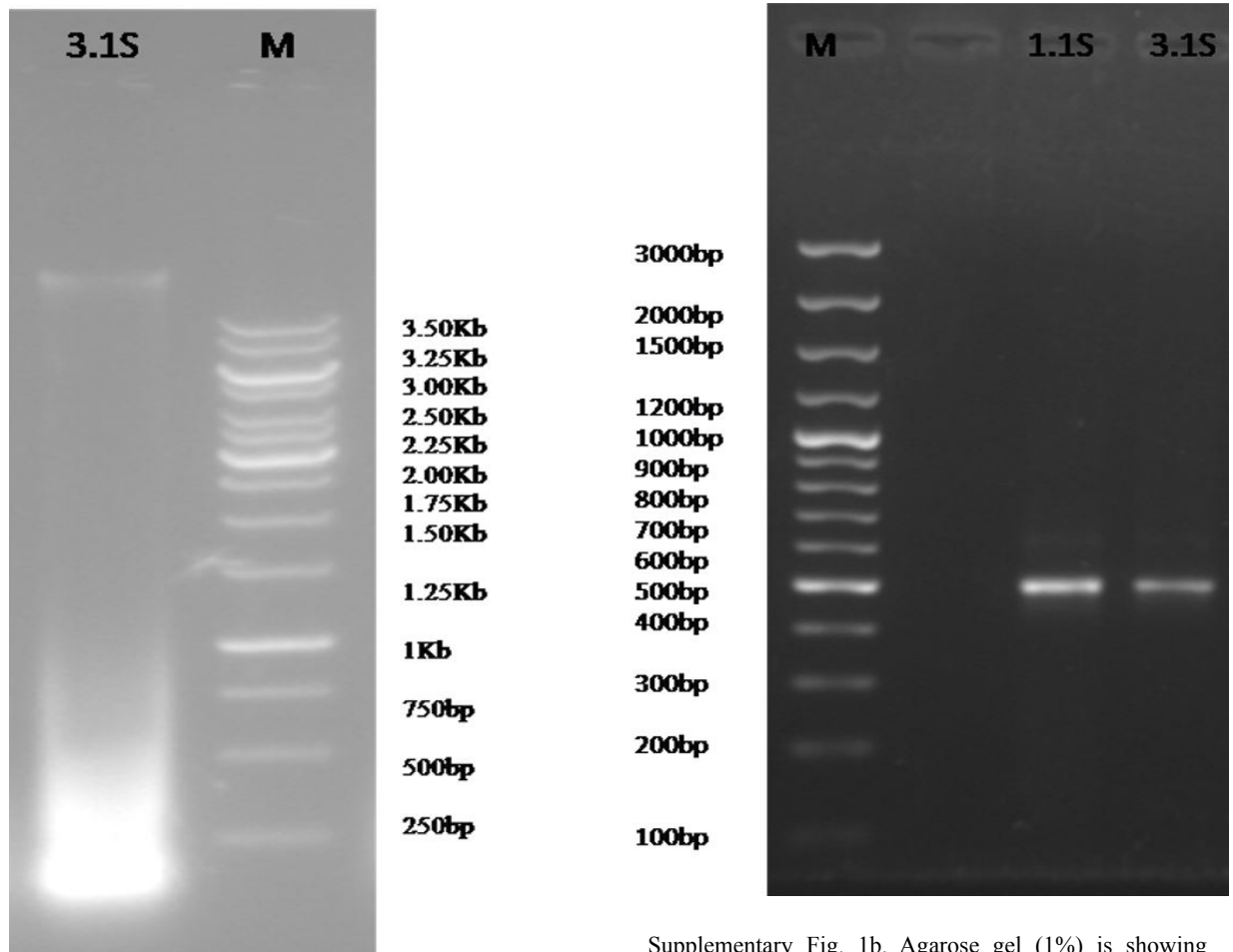
Supplementary Material

Multiple Metal Resistant *Bacillus cereus* 3.1S Isolated from Industrial Effluent has Promising Arsenite Oxidizing Potential

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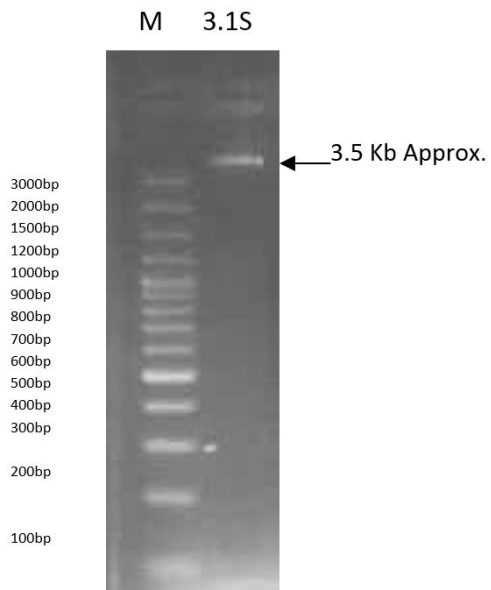
Supplementary Fig. 1a. Agarose gel (1%) is showing genomic DNA of 3.1S isolate and M represents DNA marker.

Supplementary Fig. 1b. Agarose gel (1%) is showing the amplified products of 16S rRNA gene from bacterial isolates. Lane 1 on left hand side is showing marker (M) while lane 2 and 3 showing isolate 1.1S and 3.1S, respectively.

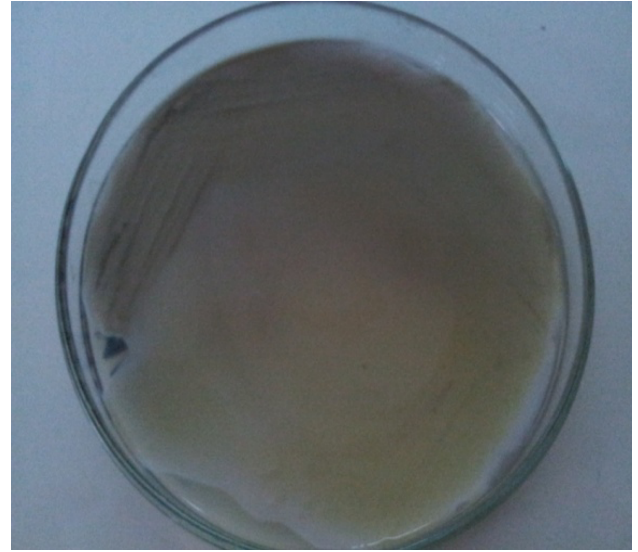
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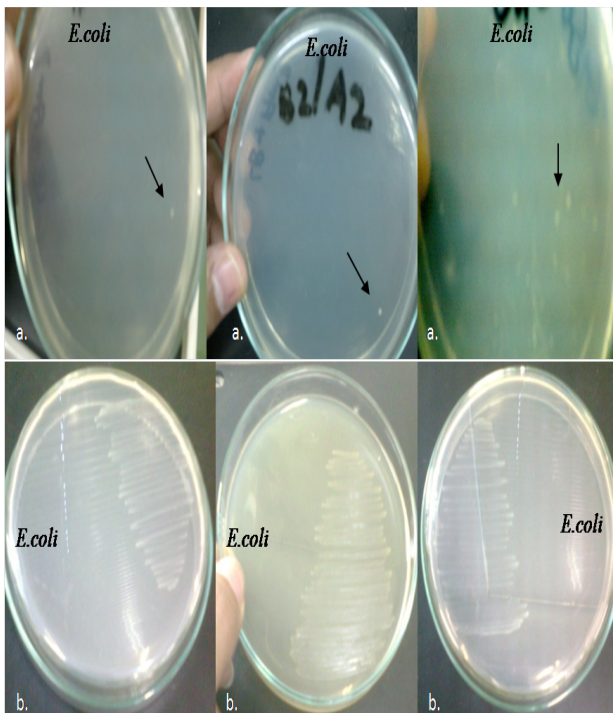
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Supplementary Fig. 2. Plasmid DNA band (3.5 Kb approx.) isolated from *Bacillus cereus* 3.1S and lane M represents DNA marker.



Supplementary Fig. 4. AgNO_3 assay of the transformants for their ability to oxidize arsenite into arsenate.



Supplementary Fig. 3. (a) The *E. coli* DH5 α transformed colonies with plasmid DNA containing arsenite oxidase gene as shown by arrow. (b) *E. coli* strain containing plasmid DNA showed the colonies on minimal acetate medium with arsenite stress indicating their ability to resist metal stress.