# Supplementary Information

## Gene Expression and Characterization of Iturin A Lipopeptide Biosurfactant from *Bacillus aryabhattai* for Enhanced Oil Recovery

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Supporting Information: 3 Pages, 3 Figures

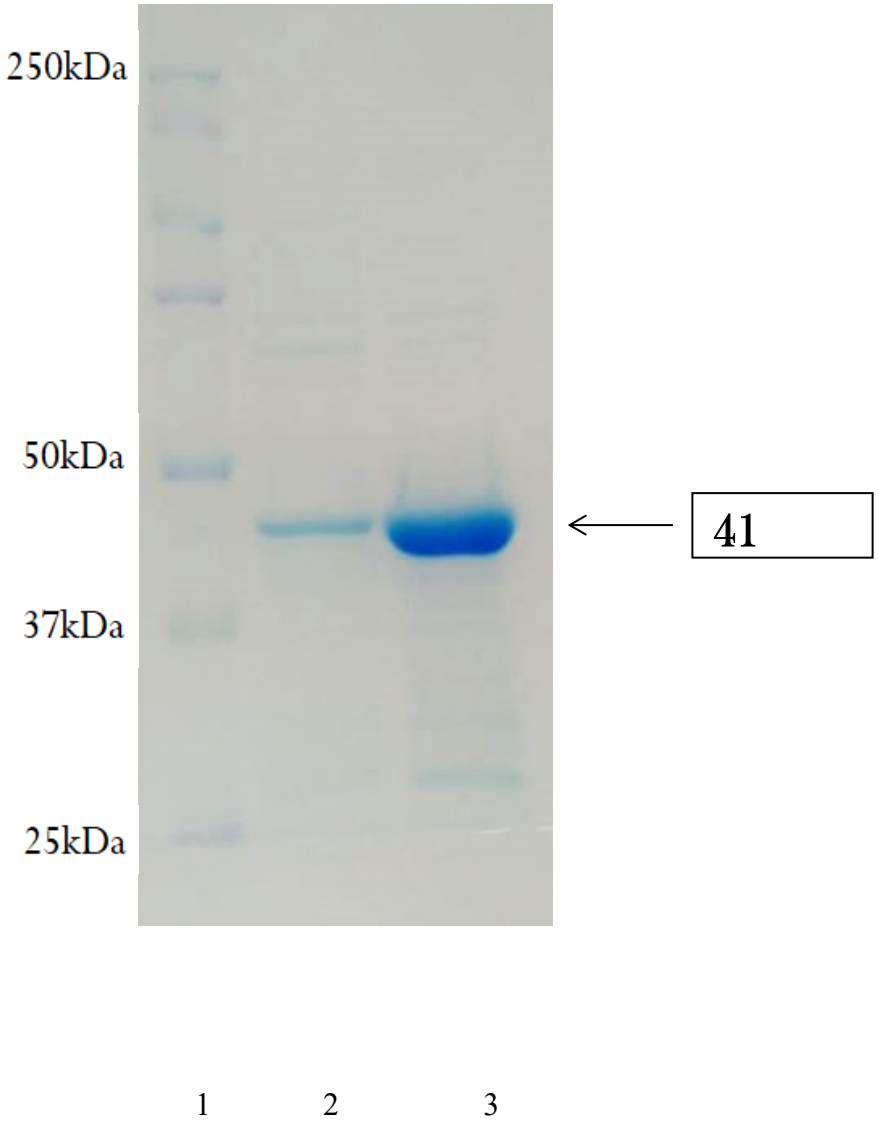
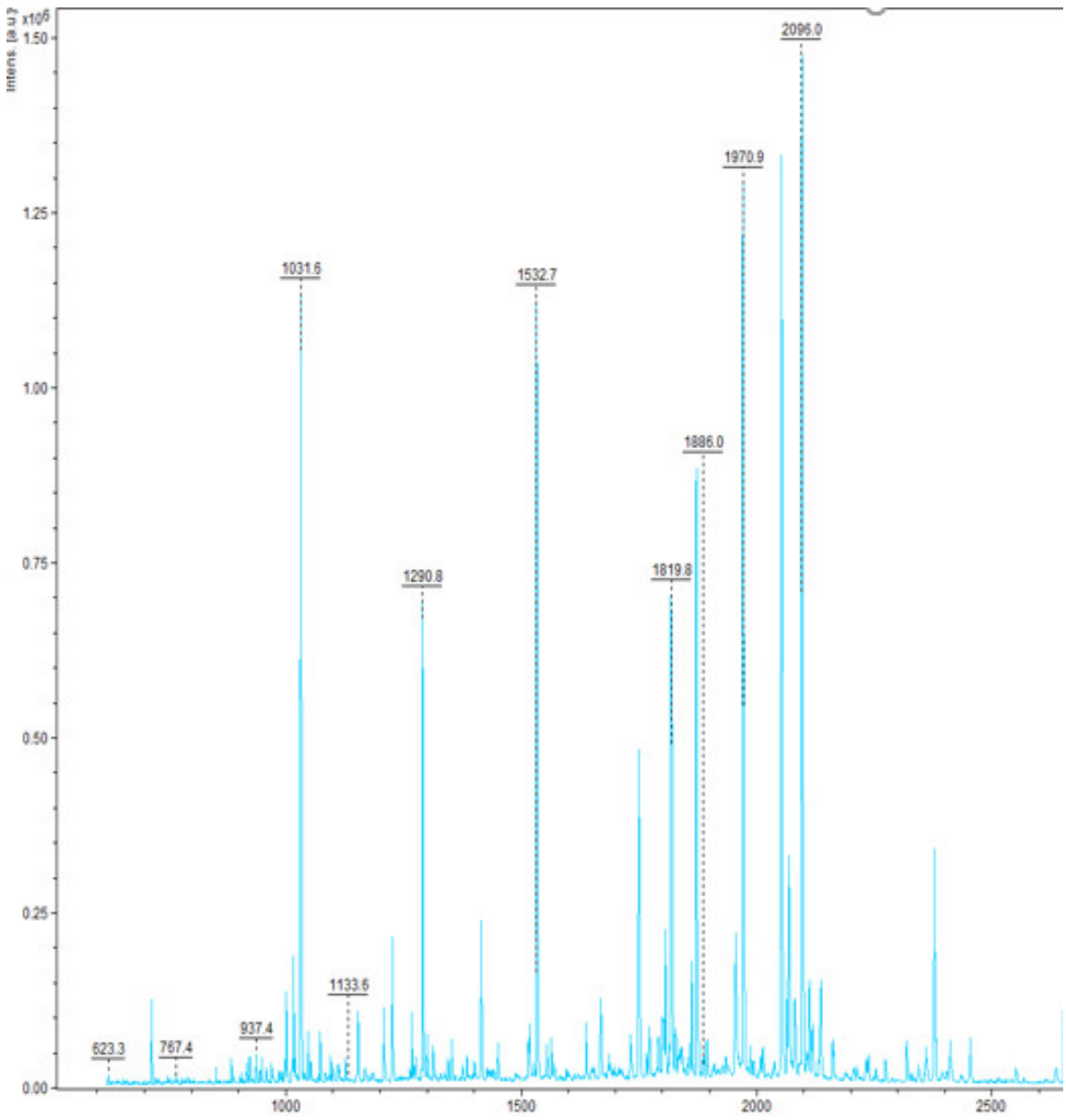



**Figure S1.** SDS-PAGE of recombinant iturin A. Lane 1= protein marker, Lane 2 = purified protein and Lane 3 = crude protein.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1.25
1.00
0.75
0.50
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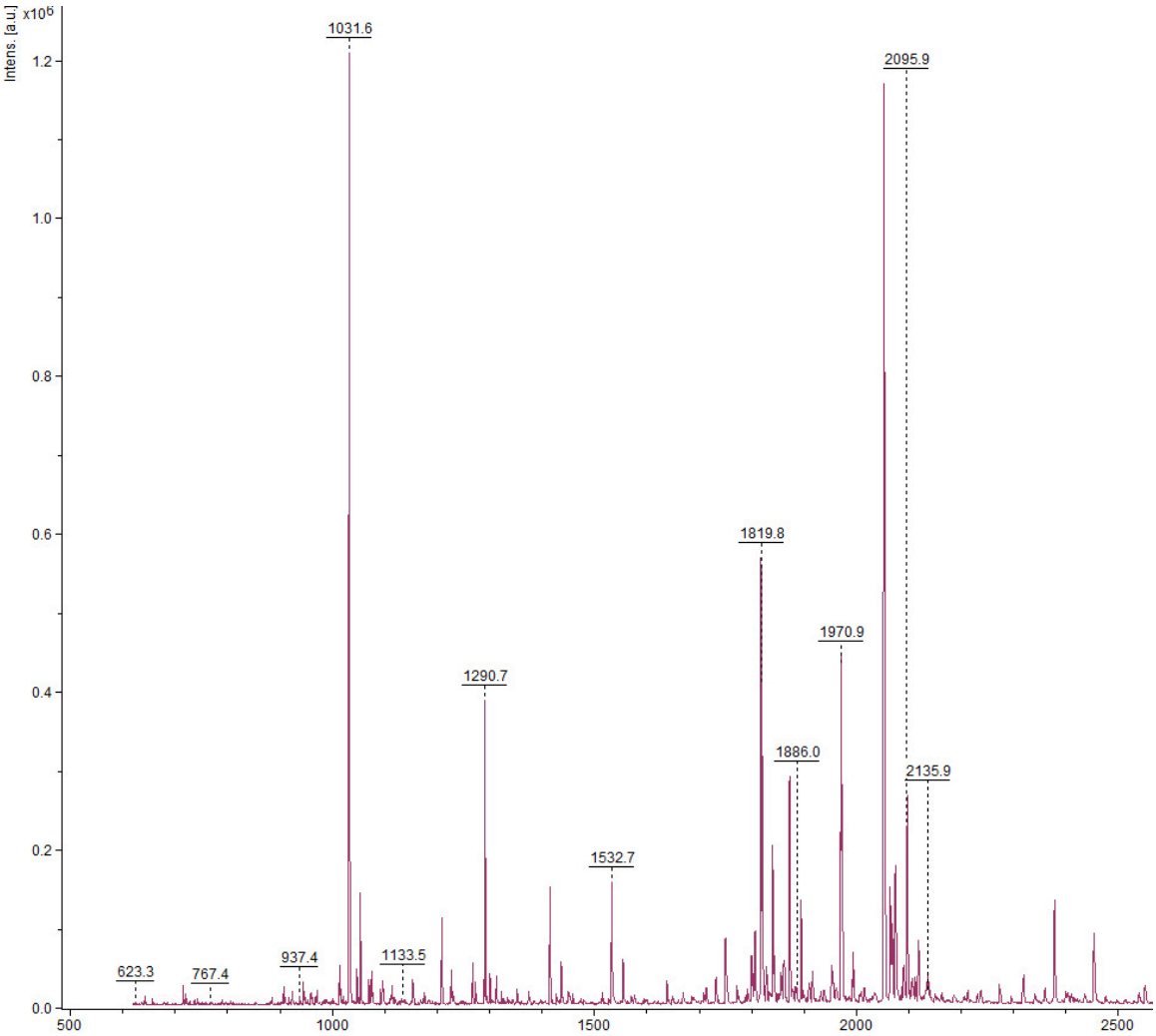
0.00
1000
1500
2000
2500
2096.0
1970.9
1031.6
1532.7
1886.0
1290.8
1819.8
1133.6
937.4
623.3
767.4

(A)




(B)

**Figure S2**. MALDI MS spectra for (A) 50:1 trypsin digestion of protein and (B) 25:1 trypsin digestion of recombinant iturin A.

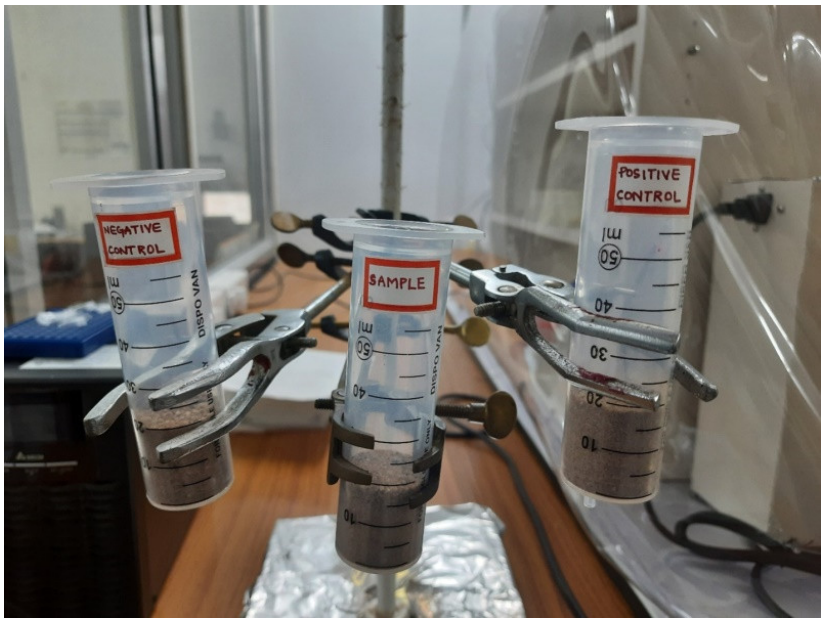



**Figure S3**. Setup for enhanced oil recovery using recombinant iturin A form the sand packed column