Title: Bio-precipitates produced by two autochthonous boron tolerant *S*treptomyces strains

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BIO-PRECIPITATES PRODUCED BY TWO AUTOCHTHONOUS BORON TOLERANT *STREPTOMYCES* STRAINS

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Running title:

BIO-PRECIPITATES BY BORON TOLERANT *STREPTOMYCES*

HIGHLIGHTS

- Two *Streptomyces* strains showed great capacity to remove boric acid in liquid media
- Specific boric acid removal rate increased with boric acid concentrations
- A boron bio-precipitate produced in the presence of boric acid was detected by SEM
- Different proteins were synthetized as an adaptive response to boric acid exposure
- Bio-precipitate formation strategy in boric acid presence, may be useful in remediation