**Genome Sequence of *Streptomyces aureofaciens* ATCC Strain 10762**

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*Streptomyces aureofaciens* is a Gram-positive actinomycete that produces the antibiotics tetracycline and chlorotetraycline. Here, we report the assembly and initial annotation of the draft genome sequence of *S. aureofaciens* ATCC strain 10762.

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