

**Dataset of the complete genome of *Streptomyces cavourensis* strain 2BA6PGT  
isolated from sediment from the bottom of the salt lake Verkhnee Beloe  
(Buryatia, Russia)**

**ABSTRACT**

The *Streptomyces cavourensis* strain 2BA6PGT was isolated from sediment from the bottom of the salt lake Verkhnee Beloe (Buryatia, Russia). This strain's 7,651,223 bp complete genome has a high G + C content of 72.1% and consists of 7,069 coding sequences and 315 subsystems. The 16S ribosomal RNA of isolate 2BA6PGT was most closely related to *Streptomyces cavourensis* strain NBRC 13026T (98.91% identity), followed by *Streptomyces bacillaris* strain ATCC 15855T (95.36%), *Streptomyces rhizosphaericola* strain 1AS2cT (94.68%), and *Streptomyces pluricoloescens* strain JCM 4602T (86.75%). These comparisons were supported by pairwise comparisons using average nucleotide identity (ANI) and DNA-DNA hybridization analysis. This is the first complete genome reported on *Streptomyces cavourensis* isolated from sediment from the bottom of the salt lake Verkhnee Beloe.