

SUPPORTING INFORMATION

Actinobacteria isolated from an underground lake and moonmilk speleothem from the biggest conglomeratic Karstic cave in Siberia as sources of novel biologically active compounds

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S1 Table. The antimicrobial activity of biomass and culture fluid extracts of cultured actinobacteria strains grown in DNPM/ DNPM^A media.

Strain	DNPM/DNPM ^A media																	
	Biomass extract*						Cultural extract*						Biomass-agar extract**					
	<i>B. subtilis</i>	<i>P. putida</i>	<i>E. coli</i>	<i>S. cerevisiae</i>	<i>F. verticillioideus</i>	<i>C. albicans</i>	<i>B. subtilis</i>	<i>P. putida</i>	<i>E. coli</i>	<i>S. cerevisiae</i>	<i>F. verticillioideus</i>	<i>C. albicans</i>	<i>B. subtilis</i>	<i>P. putida</i>	<i>E. coli</i>	<i>S. cerevisiae</i>	<i>F. verticillioideus</i>	<i>C. albicans</i>
<i>Streptomyces sp. IB 2014 /I /78-8</i>	-	-	-	-	-	-	+(16.3 ±1.5)	+(16.0 ±2)	+(15.3 ±1.5)	-	-	+(10.3 ±0.6) [×]	-	-	-	-	-	-
<i>Streptomyces sp. IB 2014 /I /78-1</i>	+(8.3±0.6) [×]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Nocardia sp. IB 2014 /I /100-5</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Nocardia sp. IB 2014 /I /79-1HS</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Streptomyces sp. IB 2014 /I /78-12</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Streptomyces sp. IB 2014 /I /78-3</i>	-	-	-	-	+(8.3±0.6)	-	+(12.3 ±0.6)	-	-	-	+(10.3 ±0.6)	-	+(6.3±0.6)	-	-	+(5.6±0.6)	+(9.3±0.6)	+(7.6±0.6)
<i>Streptomyces sp. IB 2014 /I /78-6</i>	-	-	-	-	-	-	-	-	-	-	-	-	+(13.0 ±2.0)	-	-	-	-	-
<i>Nocardia sp. IB 2014 /I /100-1HS</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Streptomyces sp. IB 2014 /I /78-11</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Streptomyces sp. IB 2014 /I /78-9</i>	+(11.6 ±0.6)	-	-	-	+(7.6±0.6) [×]	-	-	-	-	-	-	-	-	-	-	-	-	-

* Disc diameter-6mm; ** Disc diameter-4mm

× - Bacteriostatic activity

(Number) – The diameter of inhibition zone (in mm)