

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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S2 Table. The antimicrobial activity of biomass and culture fluid extracts of cultured actinobacteria strains grown in NL-19/ MS media.

Strain	NL-19/MS 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</i> 2014 /I /78-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Streptomyces sp. IB</i> 2014 /I /78-1	+(11.3 ±1.5)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Nocardia sp. IB</i> 2014 /I /100-5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Nocardia sp. IB</i> 2014 /I /79-1HS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Streptomyces sp. IB</i> 2014 /I /78-12	-	-	-	-	-	-	-	-	-	-	-	-	+(10.0 ±2.0)	-	-	-	-	-
<i>Streptomyces sp. IB</i> 2014 /I /78-3	+(5.3± 0.6)	-	-	-	+(9.6± 1.5)	-	+(12.6 ±2.5)	-	-	-	-	-	+(6.3± 0.6)	-	-	-	+(6.6± 1.5)	-
<i>Streptomyces sp. IB</i> 2014 /I /78-6	+(5.6± 0.6)	-	+(14.6 ±1.5) [×]	-	-	-	-	-	-	-	-	-	+(5.6± 0.6)	-	-	-	-	-
<i>Nocardia sp. IB</i> 2014 /I /100-1HS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Streptomyces sp. IB</i> 2014 /I /78-11	-	-	-	-	-	-	-	-	-	-	-	-	+(7.3± 2.5)	-	-	-	-	-
<i>Streptomyces sp. IB</i> 2014 /I /78-9	+(12.0 ±2.0)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

** Disc diameter-4mm

× - Bacteriostatic activity

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