

Complete genome sequence of the model actinomycete

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Assembling the glycopeptide antibiotic scaffold: The biosynthesis of from Streptomyces toyocaensis NRRL15009. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 8962-8967.	3.3	174
2	Molecular Evolution of Aromatic Polyketides and Comparative Sequence Analysis of Polyketide Ketosynthase and 16S Ribosomal DNA Genes from Various Streptomyces Species. Applied and Environmental Microbiology, 2002, 68, 4472-4479.	1.4	126
3	Identification and Localization of the Gene Cluster Encoding Biosynthesis of the Antitumor Macrolactam Leinamycin in Streptomyces atroolivaceus S-140. Journal of Bacteriology, 2002, 184, 7013-7024.	1.0	86
4	The Streptomyces Genome Contains Multiple Pseudo- attB Sites for the λ C31-Encoded Site-Specific Recombination System. Journal of Bacteriology, 2002, 184, 5746-5752.	1.0	126
5	Mutants of Streptomyces clavuligerus with Disruptions in Different Genes for Clavulanic Acid Biosynthesis Produce Large Amounts of Holomycin: Possible Cross-Regulation of Two Unrelated Secondary Metabolic Pathways. Journal of Bacteriology, 2002, 184, 6559-6565.	1.0	54
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7	Azole antifungals are potent inhibitors of cytochrome P450 mono-oxygenases and bacterial growth in mycobacteria and streptomycetes. Microbiology (United Kingdom), 2002, 148, 2937-2949.	0.7	162
8	Streptomyces coelicolor A3(2): from genome sequence to function. Methods in Microbiology, 2002, 33, 321-336.	0.4	5
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14	Plant-like Biosynthetic Pathways in Bacteria: From Benzoic Acid to Chalcone. Journal of Natural Products, 2002, 65, 1956-1962.	1.5	111
15	Asymmetric directional mutation pressures in bacteria. Genome Biology, 2002, 3, research0058.1.	13.9	147
16	Principles of microbial alchemy: insights from the Streptomyces coelicolor genome sequence. Genome Biology, 2002, 3, reviews1020.1.	13.9	22
17	Identification and Structure of the Anti-sigma Factor-binding Domain of the Disulphide-stress Regulated Sigma Factor σ R from Streptomyces coelicolor. Journal of Molecular Biology, 2002, 323, 225-236.	2.0	59
18	Genome giants. Trends in Microbiology, 2002, 10, 309-310.	3.5	2

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21	Once the circle has been broken: dynamics and evolution of <i>Streptomyces</i> chromosomes. <i>Trends in Genetics</i> , 2002, 18, 522-529.	2.9	123
22	Big Effects from Small Changes: Possible Ways to Explore Nature's Chemical Diversity. <i>ChemBioChem</i> , 2002, 3, 619.	1.3	968
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26	Impact of the first <i>Streptomyces</i> genome sequence on the discovery and production of bioactive substances. <i>Applied Microbiology and Biotechnology</i> , 2002, 60, 377-380.	1.7	28
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31	The ParB protein of <i>Streptomyces coelicolor</i> A3(2) recognizes a cluster of parS sequences within the origin-proximal region of the linear chromosome. <i>Molecular Microbiology</i> , 2002, 45, 1365-1377.	1.2	89
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41	A novel sensor of NADH/NAD ⁺ redox poise in <i>Streptomyces coelicolor</i> A3(2). <i>EMBO Journal</i> , 2003, 22, 4856-4865.	3.5	214
42	Dietary Microbial Toxins and Type 1 Diabetes. <i>Annals of the New York Academy of Sciences</i> , 2003, 1005, 418-422.	1.8	48
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52	AfsR as an integrator of signals that are sensed by multiple serine/threonine kinases in <i>Streptomyces coelicolor</i> A3(2). <i>Journal of Industrial Microbiology and Biotechnology</i> , 2003, 30, 462-467.	1.4	79
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1936	Discovery of the Tyrobetaine Natural Products and Their Biosynthetic Gene Cluster <i>via</i> Metabologenomics. <i>ACS Chemical Biology</i> , 2018, 13, 1029-1037.	1.6	38
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1941	<i>Streptomyces</i> spp. in the biocatalysis toolbox. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 3513-3536.	1.7	39
1942	Novel sequencing technologies to support industrial biotechnology. <i>FEMS Microbiology Letters</i> , 2018, 365, .	0.7	15
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1951	Identification and characterization of GH62 bacterial β -L-arabinofuranosidase from thermotolerant <i>Streptomyces</i> sp. SWU10 that preferentially degrades branched L-arabinofuranoses in wheat arabinoxylan. <i>Enzyme and Microbial Technology</i> , 2018, 112, 22-28.	1.6	10
1952	Expanding Primary Metabolism Helps Generate the Metabolic Robustness To Facilitate Antibiotic Biosynthesis in <i>Streptomyces</i> . <i>MBio</i> , 2018, 9, .	1.8	32
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1958	Cracking the regulatory code of biosynthetic gene clusters as a strategy for natural product discovery. <i>Biochemical Pharmacology</i> , 2018, 153, 24-34.	2.0	64
1959	Genetic background affects pathogenicity island function and pathogen emergence in <i>Streptomyces</i> . <i>Molecular Plant Pathology</i> , 2018, 19, 1733-1741.	2.0	18
1960	A comparative study on the binary and ternary mixture toxicity of antibiotics towards three bacteria based on QSAR investigation. <i>Environmental Research</i> , 2018, 162, 127-134.	3.7	28
1961	<i>Streptomyces</i> sp. RP1A-12 mediated control of peanut stem rot caused by <i>Sclerotium rolfsii</i> . <i>Journal of Integrative Agriculture</i> , 2018, 17, 892-900.	1.7	20
1962	Regulation of antibiotic production in Actinobacteria: new perspectives from the post-genomic era. <i>Natural Product Reports</i> , 2018, 35, 575-604.	5.2	203
1963	Diversity of nonribosomal peptide synthetase and polyketide synthase gene clusters among taxonomically close <i>Streptomyces</i> strains. <i>Scientific Reports</i> , 2018, 8, 6888.	1.6	41
1964	Mechanisms of oxidative stress caused by CuO nanoparticles to membranes of the bacterium <i>Streptomyces coelicolor</i> M145. <i>Ecotoxicology and Environmental Safety</i> , 2018, 158, 123-130.	2.9	33
1965	Mining for Microbial Gems: Integrating Proteomics in the Postgenomic Natural Product Discovery Pipeline. <i>Proteomics</i> , 2018, 18, e1700332.	1.3	33
1966	Genome plasticity is governed by double strand break DNA repair in <i>Streptomyces</i> . <i>Scientific Reports</i> , 2018, 8, 5272.	1.6	68
1967	Heterologous Expression Guides Identification of the Biosynthetic Gene Cluster of Chuangxinmycin, an Indole Alkaloid Antibiotic. <i>Journal of Natural Products</i> , 2018, 81, 1060-1064.	1.5	24
1968	Direct Pathway Cloning (DiPaC) to unlock natural product biosynthetic potential. <i>Metabolic Engineering</i> , 2018, 47, 334-345.	3.6	73
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1975	Increased heterologous production of the antitumoral polyketide mithramycin A by engineered <i>Streptomyces lividans</i> TK24 strains. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 857-869.	1.7	63
1976	Unusual features of the large linear plasmid pSA3239 from <i>Streptomyces aureofaciens</i> CCM 3239. <i>Gene</i> , 2018, 642, 313-323.	1.0	9
1977	Diversity and antimicrobial activities of <i>Streptomyces</i> isolates from Fetzara Lake, north eastern Algeria. <i>Annales De Biologie Clinique</i> , 2018, 76, 81-95.	0.2	9
1978	Heterologous Expression of a Putative ClpC Chaperone Gene Leads to Induction of a Host Metabolite. <i>Journal of the Brazilian Chemical Society</i> , 2019, 30, 499-508.	0.6	2
1979	Cytochrome <i>bcc-aa3</i> ; Oxidase Supercomplexes in the Aerobic Respiratory Chain of <i>Streptomyces coelicolor</i> A3(2). <i>Journal of Molecular Microbiology and Biotechnology</i> , 2018, 28, 255-268.	1.0	7
1980	Discovery of novel bioactive natural products driven by genome mining. <i>Drug Discoveries and Therapeutics</i> , 2018, 12, 318-328.	0.6	19
1981	Differential Gene Expression in the Model Actinomycete <i>Streptomyces coelicolor</i> A3(2) Supports Nitrogen Mining Dependent on the Plant Carbon to Nitrogen Ratio. <i>Agriculture (Switzerland)</i> , 2018, 8, 192.	1.4	1
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1983	<i>Streptomyces</i> Secondary Metabolites. , 0, , .		31
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1986	Veterinary Type Cultures and Their Preservation: Status and Challenges. <i>Soil Biology</i> , 2018, , 239-260.	0.6	0
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1990	Complete Genome Sequence of <i>Streptomyces</i> sp. Strain SHP22-7, a New Species Isolated from Mangrove of Enggano Island, Indonesia. <i>Microbiology Resource Announcements</i> , 2018, 7, .	0.3	7
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1993	Exploration of the Biosynthetic Potential of the <i>Populus</i> Microbiome. <i>MSystems</i> , 2018, 3, .	1.7	34
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1995	Genome mining for the search and discovery of bioactive compounds: The <i>Streptomyces</i> paradigm. <i>FEMS Microbiology Letters</i> , 2018, 365, .	0.7	38
1996	Complete genome sequence of soil actinobacteria <i>Streptomyces cavourensis</i> TJ430. <i>Journal of Basic Microbiology</i> , 2018, 58, 1083-1090.	1.8	3
1997	Conjugational delivery of chromosomal integrative constructs for gene expression in the carbendazim-degrading <i>Rhodococcus erythropolis</i> D-1. <i>Annals of Microbiology</i> , 2018, 68, 773-780.	1.1	1
1998	Comparative Genomics among Closely Related <i>Streptomyces</i> Strains Revealed Specialized Metabolite Biosynthetic Gene Cluster Diversity. <i>Antibiotics</i> , 2018, 7, 86.	1.5	53
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2001	Genome guided investigation of antibiotics producing actinomycetales strain isolated from a Macau mangrove ecosystem. <i>Scientific Reports</i> , 2018, 8, 14271.	1.6	16
2002	Microbial production of small medicinal molecules and biologics: From nature to synthetic pathways. <i>Biotechnology Advances</i> , 2018, 36, 2219-2231.	6.0	24
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2011	Secondary metabolites overproduction through transcriptional gene cluster refactoring. <i>Metabolic Engineering</i> , 2018, 49, 299-315.	3.6	63

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2052	Identification and biochemical characterization of a novel cold-adapted 1,3- β -D-galactosidase, Ahg786, from <i>Gayadomonas joobiniege</i> G7. Applied Microbiology and Biotechnology, 2018, 102, 8855-8866.	1.7	16
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2059	Future Prospects of Actinobacteria in Health and Industry. , 2018, , 305-324.		6
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