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Methanotroph symbiont of Bathymodiolus sp. from Lilliput and Foggy Corner

Accession: PRJEB13047 ID: 379231

Combined genome sequencing of the methanotroph symbiont of Bathymodiolus sp. from Lilliput and Foggy Corner

The methanotrophic symbionts were labeled with 16S rRNA CARD-FISH to sort them by FACS and then specifically only sequence the MOX with MDA

Accession	PRJEB13047
Data Type	Genome sequencing and assembly
Scope	Monoisolate
Publications	Ponnudurai R <i>et al.</i> , "Metabolic and physiological interdependencies in the Bathymodiolus azoricus symbiosis.", <i>ISME J</i> , 2017 Feb;11(2):463-477
Submission	Registration date: 15-Mar-2017 MAX PLANCK INSTITUTE FOR MARINE MICROBIOLOGY
Locus Tag Prefix	BMETH

Project Data:

Resource Name	Number of Links
SEQUENCE DATA	
Nucleotide (total)	5124
WGS master	1
Protein Sequences	5295
PUBLICATIONS	
PubMed	1
PMC	1

Related information

Assembly

BioSample

Full text in PMC

Genome

Nucleotide

Protein

PubMed

WGS master

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Methanotroph symbiont of Bathymodiolus sp. from Lilliput and Foggy Corner

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SRA Links for BioProject (Select 833158) (22)

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SRA Links for BioSample (Select 27963062) (1)

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Methanotroph symbiont of Bathymodiolus sp. from Lilliput and Foggy Corner

Identifiers BioSample: SAMEA4360702; SRA: ERS1272151

Organism [methanotrophic bacterial endosymbiont of Bathymodiolus sp.](#)
cellular organisms; Bacteria; Pseudomonadota; Gammaproteobacteria; unclassified Gammaproteobacteria

Attributes

collection date	2009
broad-scale environmental context	Hydrothermal vent
local-scale environmental context	ocean
environmental medium	water
geographic location	Atlantic Ocean
investigation type	metagenome
project name	Bathybiome
sample name	METH
ENA first public	2016-10-30
ENA last update	2016-10-21
ENA-CHECKLIST	ERC000013
External Id	SAMEA4360702
INSDC center alias	MAX PLANCK INSTITUTE FOR MARINE MICROBIOLOGY
INSDC center name	MAX PLANCK INSTITUTE FOR MARINE MICROBIOLOGY
INSDC first public	2016-10-30T17:09:23Z
INSDC last update	2016-10-21T09:40:24Z
INSDC status	public
Submitter Id	METH
geographic location (latitude)	-9.547472
geographic location (longitude)	-13.20925
host-associated environmental package	host-associated
sequencing method	454

Description The methanotrophic symbionts were labeled with 16S rRNA CARD-FISH to sort them by FACS and then specifically only sequence the MOX with MDA

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Submission EBI-2016-10-31

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