



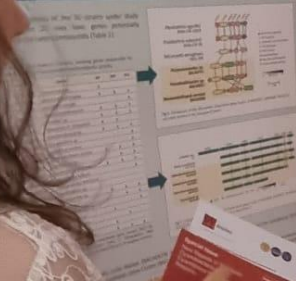
Mining cyanobacteria genomes for robotic secondary metabolites

deiro, R.^{2,3}, Luz, R.^{1,2}, Gonçalves, V.^{1,2} & Fonseca, A.^{1,2}



2. Material and Methods

- I • DNA Extraction (Promega®) + Sequencing (Illumina)
- II • Genome Assembly and Annotation (SPADIS, AUGUS, PRODIGE) + Gene Mining (antiSMASH) + S. aureus (SMC028) + S. aureus (SMC028)
- III • Phylogenetic Analysis (Mega 6.0.6) + HMM (HMMER 3.2.3)
- IV • Bioinformatic Tools (R, Python, Java, etc.)



Gene	Accession	Gene Name	Gene Length (bp)
...



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BIODIVERSITY

Antoni Antonio, S...

Research Council

ari, Italy

pathogen in the world,

which it causes vascular

Hermann et al, 2019).

MBP52, the non-ribosome

support and regulatory fu

tion of Beal and Beal2 and

biosynthesis, the pete

Product Portfolio





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"Microbe & Microbiome Management for a Better Planet"

XLII Meeting



ISPA Bari, 18-20 September 2024 ISM

Panelist nameplates: Gerard Verhey, Cinzia Giannini, Antonio Moretti, Elita Perlino, Giancarlo Perrone

Event banner: ECCO Microbe & Microbiome Management for a Better Planet XLII Meeting September 2024

Audience members: Backs of heads, one holding a smartphone, one holding a program booklet.

