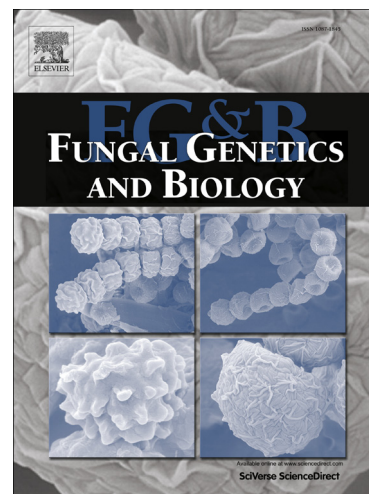


## Accepted Manuscript

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## Comprehensive curation and analysis of fungal biosynthetic gene clusters of published natural products

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### Abbreviations:

ACE, Abundance-based Coverage Estimators

BGC, Biosynthetic Gene Cluster

CI, Confidence Interval

CID, Compound Identifiers

FAS, fatty acid synthase

InChI, International Chemical Identifier

KS, ketosynthase

MIBiG, Minimum Information about Biosynthetic Gene cluster

NP, Natural Product

NRPS, non-ribosomal peptide synthetase

PKS, polyketide synthase

SMILES, Simplified Molecular-Input Line-Entry System

### Abstract

Microorganisms produce a wide range of natural products (NPs) with clinically and agriculturally relevant biological activities. In bacteria and fungi, genes encoding

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