# **Resource Summary Report**

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# **Comparative Fungal Genomics Platform**

RRID:SCR\_012910 Type: Tool

#### **Proper Citation**

Comparative Fungal Genomics Platform (RRID:SCR\_012910)

#### **Resource Information**

URL: http://cfgp.riceblast.snu.ac.kr/main.php

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**Description:** The CFGP (Comparative Fungal Genomics Platform) was designed for comparative genomics projects with diverse fungal genomes.

The CFGP provides important bioinformatic tools, such as BLAST search, ClustalW analysis, InterPro Scan, SignalP, and PSORT2, which are very common tools for the researchers in the field of genomics. Many of them have been executed in the unix environment, so some specific computing knowledge is required. In the CFGP, users can use these tools simply by clicking their mouse button. In addition, all of the results of the analysis will be stored in the CFGP, so you can easily share those results with other members.

Synonyms: CFGP

Resource Type: database, data or information resource

Keywords: fungal genome, comparative genomics, genomics

Funding:

Resource Name: Comparative Fungal Genomics Platform

Resource ID: SCR\_012910

Alternate IDs: nif-0000-02653

Alternate URLs: http://cfgp.snu.ac.kr

Record Creation Time: 20220129T080313+0000

Record Last Update: 20250503T060339+0000

# **Ratings and Alerts**

No rating or validation information has been found for Comparative Fungal Genomics Platform.

No alerts have been found for Comparative Fungal Genomics Platform.

# Data and Source Information

Source: <u>SciCrunch Registry</u>

# **Usage and Citation Metrics**

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>dkNET</u>.

Mushtaq A, et al. (2021) Carbamoyl Phosphate Synthase Subunit CgCPS1 Is Necessary for Virulence and to Regulate Stress Tolerance in Collectotrichum gloeosporioides. The plant pathology journal, 37(3), 232.

Li J, et al. (2020) Secretome-Wide Analysis of Lysine Acetylation in Fusarium oxysporum f. sp. lycopersici Provides Novel Insights Into Infection-Related Proteins. Frontiers in microbiology, 11, 559440.

Zhou Z, et al. (2017) ABC protein CgABCF2 is required for asexual and sexual development, appressorial formation and plant infection in Colletotrichum gloeosporioides. Microbial pathogenesis, 110, 85.

Kuo HC, et al. (2015) Potential roles of laccases on virulence of Heterobasidion annosum s.s. Microbial pathogenesis, 81, 16.

Jung KW, et al. (2015) Systematic functional profiling of transcription factor networks in Cryptococcus neoformans. Nature communications, 6, 6757.

Sadat A, et al. (2014) Analysis of in planta Expressed Orphan Genes in the Rice Blast Fungus Magnaporthe oryzae. The plant pathology journal, 30(4), 367.

Choi J, et al. (2014) funRNA: a fungi-centered genomics platform for genes encoding key components of RNAi. BMC genomics, 15 Suppl 9(Suppl 9), S14.

Kim S, et al. (2014) Isolation and Characterization of the Colletotrichum acutatum ABC

Transporter CaABC1. The plant pathology journal, 30(4), 375.

Bourras S, et al. (2012) Incidence of genome structure, DNA asymmetry, and cell physiology on T-DNA integration in chromosomes of the phytopathogenic fungus Leptosphaeria maculans. G3 (Bethesda, Md.), 2(8), 891.