

# Resource Summary Report

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## BGI-RISe - Beijing Genomics Institute Rice Information System

RRID:SCR\_013446

Type: Tool

### Proper Citation

BGI-RISe - Beijing Genomics Institute Rice Information System (RRID:SCR\_013446)

### Resource Information

**URL:** <http://rise.genomics.org.cn/>

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**Description:** Integrated information resource for rice genomes as well as a workbench for comparative genomic analysis among cereal crops. Sequence contigs of Beijing indica and Syngenta japonica have been further assembled and anchored onto the rice chromosomes. The rice genomes have been annotated for gene content, repetitive elements, and SNPs. Sequence polymorphisms between different rice subspecies have also been identified. Designed as a basic platform for rice study, the sequenced genomes and related information is presented in systematic and graphical ways for the convenience of in-depth comparative studies. In addition to the comprehensive data of *Oryza sativa* L. ssp. indica sequenced, BGI-RIS will host carefully curated genome information of *Oryza sativa* L. ssp. japonica.

**Synonyms:** BGI-RIS

**Resource Type:** database, data or information resource

**Keywords:** cereal, crop, oryza sativa, rice, rice chromosome, rice genome, software

**Funding:**

**Resource Name:** BGI-RISe - Beijing Genomics Institute Rice Information System

**Resource ID:** SCR\_013446

**Alternate IDs:** nif-0000-02601

**Record Creation Time:** 20220129T080316+0000

**Record Last Update:** 20250420T015639+0000

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## Ratings and Alerts

No rating or validation information has been found for BGI-RIS - Beijing Genomics Institute Rice Information System.

No alerts have been found for BGI-RIS - Beijing Genomics Institute Rice Information System.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 8 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

Zhang Y, et al. (2019) LMM24 Encodes Receptor-Like Cytoplasmic Kinase 109, Which Regulates Cell Death and Defense Responses in Rice. International journal of molecular sciences, 20(13).

Zhu X, et al. (2016) The Multivesicular Bodies (MVBs)-Localized AAA ATPase LRD6-6 Inhibits Immunity and Cell Death Likely through Regulating MVBs-Mediated Vesicular Trafficking in Rice. PLoS genetics, 12(9), e1006311.

Wang Y, et al. (2015) Map-based cloning and characterization of BPH29, a B3 domain-containing recessive gene conferring brown planthopper resistance in rice. Journal of experimental botany, 66(19), 6035.

Wei L, et al. (2008) Bioinformatics in China: a personal perspective. PLoS computational biology, 4(4), e1000020.

Du L, et al. (2007) The two-component signal system in rice (*Oryza sativa* L.): a genome-wide study of cytokinin signal perception and transduction. Genomics, 89(6), 697.

Zhang Z, et al. (2007) A genome-wide microsatellite polymorphism database for the indica and japonica rice. DNA research : an international journal for rapid publication of reports on genes and genomes, 14(1), 37.

Yu J, et al. (2005) The Genomes of *Oryza sativa*: a history of duplications. PLoS biology, 3(2), e38.

Galperin MY, et al. (2005) The Molecular Biology Database Collection: 2005 update. Nucleic acids research, 33(Database issue), D5.