

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on May 17, 2025

Chinese National Genomics Data Center

RRID:SCR_025825

Type: Tool

Proper Citation

Chinese National Genomics Data Center (RRID:SCR_025825)

Resource Information

URL: <https://ngdc.cncb.ac.cn/>

Proper Citation: Chinese National Genomics Data Center (RRID:SCR_025825)

Description: Provides open access to suite of resources, with the aim to translate big data into big discoveries. Offers range of resources for biological big data deposition, integration, and translation.

Abbreviations: NGDC

Synonyms: National Genomics Data Center

Resource Type: nonprofit organization

Keywords: genomics, biological data, deposition, integration, translation

Funding:

Resource Name: Chinese National Genomics Data Center

Resource ID: SCR_025825

Record Creation Time: 20241001T053245+0000

Record Last Update: 20250420T020301+0000

Ratings and Alerts

No rating or validation information has been found for Chinese National Genomics Data Center.

No alerts have been found for Chinese National Genomics Data Center.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 76 mentions in open access literature.

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

Liu R, et al. (2025) Natural variation in OsMADS1 transcript splicing affects rice grain thickness and quality by influencing monosaccharide loading to the endosperm. *Plant communications*, 6(1), 101178.

Mai J, et al. (2025) scTWAS Atlas: an integrative knowledgebase of single-cell transcriptome-wide association studies. *Nucleic acids research*, 53(D1), D1195.

Liyanage NS, et al. (2025) Navigating Amaryllidaceae alkaloids: bridging gaps and charting biosynthetic territories. *Journal of experimental botany*, 76(1), 16.

Liang H, et al. (2025) The prognosis and immune repertoire characteristics of HBsAg and anti-HBs double positive chronic hepatitis B patients. *Clinical and experimental medicine*, 25(1), 32.

Lan L, et al. (2025) Chromosome-level and haplotype-resolved genome assembly of *Bougainvillea glabra*. *Scientific data*, 12(1), 107.

Liu Z, et al. (2025) SolR: a comprehensive Solanaceae information resource for comparative and functional genomic study. *Nucleic acids research*, 53(D1), D1623.

He L, et al. (2025) H. Pylori-Facilitated TERT/Wnt/?-Catenin Triggers Spasmolytic Polypeptide-Expressing Metaplasia and Oxyntic Atrophy. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(3), e2401227.

You H, et al. (2025) Unravelling distinct patterns of metagenomic surveillance and respiratory microbiota between two P1 genotypes of *Mycoplasma pneumoniae*. *Emerging microbes & infections*, 14(1), 2449087.

Lai G, et al. (2025) CRISPR/Cas9-mediated CHS2 mutation provides a new insight into resveratrol biosynthesis by causing a metabolic pathway shift from flavonoids to stilbenoids in *Vitis davidii* cells. *Horticulture research*, 12(1), uhae268.

Wang Q, et al. (2025) *Fusobacterium nucleatum* promotes colorectal cancer through neogenesis of tumor stem cells. *The Journal of clinical investigation*, 135(3).

Ma C, et al. (2025) Chromosome-level Genome Assembly and Annotation of the Arctic Moss *Ptychostomum knowltonii*. *Genome biology and evolution*, 17(1).

Zhao X, et al. (2025) Single-cell landscape of the intrahepatic ecosystem in alcohol-related liver disease. *Clinical and translational medicine*, 15(1), e70198.

Zhou H, et al. (2025) Oral probiotic extracellular vesicle therapy mitigates Influenza A Virus infection via blunting IL-17 signaling. *Bioactive materials*, 45, 401.

He X, et al. (2025) A Penetrable AAV2 Capsid Variant for Efficient Intravitreal Gene Delivery to the Retina. *Investigative ophthalmology & visual science*, 66(1), 6.

Liu JN, et al. (2025) Pan-genome analyses of 11 *Fraxinus* species provide insights into salt adaptation in ash trees. *Plant communications*, 6(1), 101137.

Chen X, et al. (2025) PcWRKY1 Represses Transcription of Yellow Stripe-Like 3 (PcYSL3) to Negatively Regulate Radial Cadmium Transport in Poplar Stems. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(1), e2405492.

Liu Z, et al. (2025) Growth of microbes in competitive lifestyles promotes increased ARGs in soil microbiota: insights based on genetic traits. *Microbiome*, 13(1), 8.

Qian Q, et al. (2025) CVD Atlas: a multi-omics database of cardiovascular disease. *Nucleic acids research*, 53(D1), D1348.

, et al. (2025) Database Resources of the National Genomics Data Center, China National Center for Bioinformation in 2025. *Nucleic acids research*, 53(D1), D30.

Wang S, et al. (2025) Comparison of differences in transcriptional and genetic profiles between intra-central nervous system and extra-central nervous system large B-cell lymphoma. *Neoplasia* (New York, N.Y.), 60, 101119.