

Resource Summary Report

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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

Resource Name: Chinese National Genomics Data Center

Resource ID: SCR_025825

Record Creation Time: 20241001T053245+0000

Record Last Update: 20260808T190727+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

Usage and Citation Metrics

We found 761 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Zhang Q, et al. (2026) Alterations in Gut Microbiota and Metabolism in Cirrhotic Portal Hypertension: Implications for Disease Progression. *Alimentary pharmacology & therapeutics*, 63(4), 538.

Hu H, et al. (2026) Structural variation drives rhizome innovation and adaptive divergence in sister *Medicago* species. *Journal of integrative plant biology*, 68(2), 406.

Xue Y, et al. (2026) FSBLUP: a novel strategy of fusion similarity matrix construction via optimally integrating intermediate omics data to enhance genomic prediction. *Genome biology*, 27(1), 27.

Lv W, et al. (2026) Natural Variations of ZmRLR1 Mediate the Root Lodging Resistance of Maize by Regulating Root Ascorbate and Auxin Homeostasis. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(17), e19638.

Liu S, et al. (2026) Comparative Analysis of Mitochondrial Genomes and Phylogeny of *Barbastelle* Bats Across China. *Ecology and evolution*, 16(1), e72949.

Yao Q, et al. (2026) From Natural Discovery to AI-Guided Design: A Curated Collection of Compact Enhancers for Crop Engineering. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(13), e16600.

Ma S, et al. (2026) Proteomic analysis reveals the molecular mechanisms of deoxynivalenol-induced injury in the jejunum of piglets. *BMC genomics*, 27(1).

Li C, et al. (2026) Effects of L-citrulline supplementation in the basal diet on reproductive performance, serum metabolites, and microbial community structure in Simmental cows. *Frontiers in microbiology*, 17, 1742321.

Wang X, et al. (2026) Polyphenolic nanodot-integrated spindle nanoplatform heals oral mucositis via microbiota restoration and glycolysis inhibition. *Journal of nanobiotechnology*, 24(1).

Tao Y, et al. (2026) TENT5A Maintains MYC mRNA Stability to Enhance Osteosarcoma Stemness. *Cancer research*, 86(9), 2161.

Xu D, et al. (2026) Time-Efficient and Informatic-Skill-Light Gap-Filling for Telomere-to-Telomere Genome Assembly. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(14), e18319.

Dong H, et al. (2026) The genome of *Phlebotomus chinensis*, the primary vector of visceral leishmaniasis in China: insights from chromosome-level assembly and comparative analysis. *Infectious diseases of poverty*, 15(1), 20.

Shi Q, et al. (2026) Mechanical Strength: An Unrecognised Target in the Genetic Improvement of Crops. *Plant biotechnology journal*, 24(6), 4190.

Zhou Z, et al. (2026) Protocol to identify SINE-VNTR-Alu regulators using genome-wide screening in human K562 cells. *STAR protocols*, 7(2), 104468.

Li H, et al. (2026) Single-cell analysis reveals cytotoxic and memory CD8⁺ T cells associated with prolonged survival in relapsed/refractory leukaemia patients after haplo+cord haematopoietic stem cell transplantation. *Clinical and translational medicine*, 16(2), e70529.

Jin T, et al. (2026) Exploring the shared genetic architecture between periodontitis and cardiovascular disease. *BDJ open*, 12(1).

Zhao S, et al. (2026) Integrative Analysis of Whole-Genome Bisulfite Sequencing and RNA-Seq in Skeletal Muscle of Xin'anjiang Water Buffalo. *Animals : an open access journal from MDPI*, 16(4).

Wen R, et al. (2026) Dynamic changes in Lamin B1 and heterochromatin coincide with chromatin condensation during human erythropoiesis. *Genome biology*, 27(1).

Cao H, et al. (2026) snRNA sequencing-based skeletal muscle analysis of Jiangquan black pigs with different average daily growth rates. *Scientific reports*, 16(1).

Ma X, et al. (2026) Tissue-specific inflammation induces cell state plasticity with oncogenic addiction in mucosal melanoma. *Science advances*, 12(14), eady4536.