

Resource Summary Report

Generated by SPARC SAWG on Aug 15, 2026

DIAMOND

RRID:SCR_009457

Type: Tool

Proper Citation

DIAMOND (RRID:SCR_009457)

Resource Information

URL: <http://www.nitrc.org/projects/diamond/>

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Description: Software to: view dicom files and assemble them into 3D volumes. View and convert between Analyze, Nifti, and Interfile. Classify and organize dicoms and 3D volumes using metadata. Search and report on a collection of scans.

Abbreviations: DIAMOND

Synonyms: UC Davis IDeA Lab Applications for Management Of Neuroimaging Data

Resource Type: software resource

Keywords: reusable library, analyze, database application, dicom, format conversion, image display, image reconstruction, magnetic resonance, nifti, python, software, visualization, workflow, FASEB list

Resource Name: DIAMOND

Resource ID: SCR_009457

Alternate IDs: nlx_155603

Record Creation Time: 20220129T080253+0000

Record Last Update: 20260815T182347+0000

Ratings and Alerts

No rating or validation information has been found for DIAMOND.

No alerts have been found for DIAMOND.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4156 mentions in open access literature.

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

Liu H, et al. (2026) The genomes of 5 mantises provide insights into sex chromosome evolution and Mantodea phylogeny clarification. *GigaScience*, 15.

Huang W, et al. (2026) Core gastric microbiota linked to pathogenesis and preserved across age-stratified cohorts. *Cell reports. Medicine*, 7(7), 102905.

Zeng L, et al. (2026) Functional genomics reveals key gene families and molecular pathways for extreme cold survival in the khapra beetle. *BMC biology*, 24(1).

Moosavi D, et al. (2025) Stability and Variability of the Human Fecal Microbiome over 2 Years in the Multiethnic Cohort Study: A Metagenomic Analysis. *Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology*, 34(8), 1386.

Yuan J, et al. (2025) A telomere-to-telomere genome assembly of koi carp (*Cyprinus carpio*) using long reads and Hi-C technology. *GigaScience*, 14.

Menozi E, et al. (2025) Exploring the relationship between GBA1 host genotype and gut microbiome in the GBA1 L444P/WT mouse model: implications for Parkinson's disease pathogenesis. *Frontiers in neuroscience*, 19, 1546203.

Ritter EJ, et al. (2025) The assembly and annotation of two teinturier grapevine varieties, Dakapo and Rubired. *GigaByte (Hong Kong, China)*, 2025, gigabyte149.

Chen XX, et al. (2025) Microbial dysbiosis with tryptophan metabolites alteration in lower respiratory tract is associated with clinical responses to anti-PD-1 immunotherapy in advanced non-small cell lung cancer. *Cancer immunology, immunotherapy : CII*, 74(4), 140.

Chen M, et al. (2025) The genome of *Hippophae salicifolia* provides new insights into the sexual differentiation of sea buckthorn. *GigaScience*, 14.

Oriowo TO, et al. (2025) A chromosome-level, haplotype-resolved genome assembly and annotation for the Eurasian minnow (*Leuciscidae: Phoxinus phoxinus*) provide evidence of haplotype diversity. *GigaScience*, 14.

Qin H, et al. (2025) The complete genome assembly of *Astragalus membranaceus*: enabling more accurate genetic research. *GigaScience*, 14.

Alam Y, et al. (2025) Variation in human gut microbiota impacts tamoxifen pharmacokinetics. *mBio*, 16(1), e0167924.

Lopez AE, et al. (2025) *Legionella pneumophila* IrsA, a novel, iron-regulated exoprotein that facilitates growth in low-iron conditions and modulates biofilm formation. *Microbiology spectrum*, 13(1), e0231324.

Keller V, et al. (2025) Genomic features of lichen-associated black fungi. *IUBMB life*, 77(1), e2934.

Zhang Y, et al. (2025) Gut Commensal *Barnesiella Intestinihominis* Ameliorates Hyperglycemia and Liver Metabolic Disorders. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(8), e2411181.

Boukhchtaber DC, et al. (2025) Discovering Hidden Archaeal and Bacterial Lipid Producers in a Euxinic Marine System. *Environmental microbiology*, 27(3), e70054.

Magome TG, et al. (2025) Decoding the anomalies: a genome-based analysis of *Bacillus cereus* group strains closely related to *Bacillus anthracis*. *Frontiers in microbiology*, 16, 1527049.

Akagbosu CO, et al. (2025) Gut microbiome shifts in adolescents after sleeve gastrectomy with increased oral-associated taxa and pro-inflammatory potential. *Gut microbes*, 17(1), 2467833.

Li W, et al. (2025) Gut Microbiome and Metabolome Changes in Chronic Low Back Pain Patients With Vertebral Bone Marrow Lesions. *JOR spine*, 8(1), e70042.

Zhao B, et al. (2025) Sludge water: a potential pathway for the spread of antibiotic resistance and pathogenic bacteria from hospitals to the environment. *Frontiers in microbiology*, 16, 1492128.