Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 15, 2025

CGDB

RRID:SCR_011959
Type: Tool

Proper Citation

CGDB (RRID:SCR_011959)

Resource Information

URL: http://sbcb.bioch.ox.ac.uk/cgdb/

Proper Citation: CGDB (RRID:SCR_011959)

Description: A database of membrane protein/lipid interactions by coarse-grained molecular dynamics simulations.

Abbreviations: CGDB

Synonyms: Coarse Grained Database, Coarse-Grained Database, CG Database

Resource Type: data set, data or information resource

Defining Citation: PMID:18937097, PMID:18208379

Keywords: protein, image, coarse-grained, molecular dynamics, membrane protein

Funding: BBSRC

Availability: Acknowledgement requested

Resource Name: CGDB

Resource ID: SCR_011959

Alternate IDs: OMICS_01608

Record Creation Time: 20220129T080307+0000

Record Last Update: 20250411T055459+0000

Ratings and Alerts

No rating or validation information has been found for CGDB.

No alerts have been found for CGDB.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 23 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Yorio J, et al. (2024) Association of Timely Comprehensive Genomic Profiling With Precision Oncology Treatment Use and Patient Outcomes in Advanced Non-Small-Cell Lung Cancer. JCO precision oncology, 8, e2300292.

Radhakrishna U, et al. (2024) DNA methylation patterns of circadian and ultradian genes are altered in the peripheral blood of patients with hidradenitis suppurativa. Frontiers in immunology, 15, 1475424.

Shui IM, et al. (2024) Real-world prevalence of homologous recombination repair mutations in advanced prostate cancer: an analysis of two clinico-genomic databases. Prostate cancer and prostatic diseases, 27(4), 728.

Shi Y, et al. (2024) Mining key circadian biomarkers for major depressive disorder by integrating bioinformatics and machine learning. Aging, 16(12), 10299.

Bhave MA, et al. (2024) Comprehensive genomic profiling of ESR1, PIK3CA, AKT1, and PTEN in HR(+)HER2(-) metastatic breast cancer: prevalence along treatment course and predictive value for endocrine therapy resistance in real-world practice. Breast cancer research and treatment, 207(3), 599.

Palatinszky M, et al. (2024) Growth of complete ammonia oxidizers on guanidine. Nature, 633(8030), 646.

Waliany S, et al. (2024) Real-World Prevalence, Treatment Patterns, and Outcomes for Patients With HER2 (ERBB2)-Mutant Metastatic Non-Small Cell Lung Cancer, From a US-Based Clinico-Genomic Database. Cancer medicine, 13(24), e70272.

Quintanilha JCF, et al. (2023) Tumor Mutational Burden in Real-World Patients With Pancreatic Cancer: Genomic Alterations and Predictive Value for Immune Checkpoint Inhibitor Effectiveness. JCO precision oncology, 7, e2300092.

Reichert ZR, et al. (2023) Prognostic value of plasma circulating tumor DNA fraction across four common cancer types: a real-world outcomes study. Annals of oncology : official journal of the European Society for Medical Oncology, 34(1), 111.

Wang Q, et al. (2023) Circadian Genes MBOAT2/CDA/LPCAT2/B4GALT5 in the Metabolic Pathway Serve as New Biomarkers of PACA Prognosis and Immune Infiltration. Life (Basel, Switzerland), 13(5).

So WV, et al. (2023) Predictive biomarkers for PD-1/PD-L1 checkpoint inhibitor response in NSCLC: an analysis of clinical trial and real-world data. Journal for immunotherapy of cancer, 11(2).

Ton TGN, et al. (2022) Replication of Overall Survival, Progression-Free Survival, and Overall Response in Chemotherapy Arms of Non-Small Cell Lung Cancer Trials Using Real-World Data. Clinical cancer research : an official journal of the American Association for Cancer Research, 28(13), 2844.

Sammons S, et al. (2022) APOBEC Mutational Signatures in Hormone Receptor-Positive Human Epidermal Growth Factor Receptor 2-Negative Breast Cancers Are Associated With Poor Outcomes on CDK4/6 Inhibitors and Endocrine Therapy. JCO precision oncology, 6, e2200149.

Negrao MV, et al. (2021) Oncogene-specific differences in tumor mutational burden, PD-L1 expression, and outcomes from immunotherapy in non-small cell lung cancer. Journal for immunotherapy of cancer, 9(8).

McGough SF, et al. (2021) Penalized regression for left-truncated and right-censored survival data. Statistics in medicine, 40(25), 5487.

Brawley OW, et al. (2021) Disparities in Tumor Mutational Burden, Immunotherapy Use, and Outcomes Based on Genomic Ancestry in Non-Small-Cell Lung Cancer. JCO global oncology, 7, 1537.

Hess LM, et al. (2021) Characteristics and outcomes of patients with RET-fusion positive non-small lung cancer in real-world practice in the United States. BMC cancer, 21(1), 28.

Song X, et al. (2020) Coriander Genomics Database: a genomic, transcriptomic, and metabolic database for coriander. Horticulture research, 7, 55.

Basdevant N, et al. (2019) Ionic transport through a protein nanopore: a Coarse-Grained Molecular Dynamics Study. Scientific reports, 9(1), 15740.

Stansfeld PJ, et al. (2011) Molecular simulation approaches to membrane proteins. Structure (London, England : 1993), 19(11), 1562.