Resource Summary Report

Generated by RRID on Aug 4, 2026

CB-dock2

RRID:SCR_026134
Type: Tool

Proper Citation

CB-dock2 (RRID:SCR_026134)

Resource Information

URL: https://cadd.labshare.cn/cb-dock2/php/index.php

Proper Citation: CB-dock2 (RRID:SCR_026134)

Description: Web server for protein-ligand blind docking, integrating cavity detection, docking and homologous template fitting. Given the three-dimensional structure of protein and ligand, can predict their binding sites and affinity for computer-aided drug discovery.

Resource Type: web service, data access protocol, software resource

Defining Citation: PMID:35609983

Keywords: protein-ligand blind docking, integrating cavity detection, docking and homologous template fitting, predict binding sites, drug discovery,

Funding: National Natural Science Foundation of China

Availability: Free, Freely available

Resource Name: CB-dock2

Resource ID: SCR_026134

Record Creation Time: 20241206T053307+0000

Record Last Update: 20260804T043914+0000

Ratings and Alerts

No rating or validation information has been found for CB-dock2.

No alerts have been found for CB-dock2.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 55 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Li R, et al. (2025) Glycosylation gene expression profiles enable prognosis prediction for colorectal cancer. Scientific reports, 15(1), 798.

Cai A, et al. (2025) Atractylodes macrocephala compounds attenuate pediatric epilepsy neuroinflammation through multitarget regulation of the NF-?B pathway. Scientific reports, 15(1), 35535.

Hou W, et al. (2025) 5-O-Methylvisammioside inhibits HMGB1-induced Angiogenesis of hepatocellular carcinoma through RAGE/MEK/ERK signaling pathway. PloS one, 20(5), e0322056.

Wang L, et al. (2025) Unraveling the mechanisms of propofol-induced psychological dependence: a multi-omics approach linked to gut microbiota in hippocampal function. Frontiers in medicine, 12, 1539467.

Gu Q, et al. (2025) Mechanisms of Zanthoxyli Pericarpium-Zingiberis Rhizoma in the Treatment of Gastric Cancer Based on Network Pharmacology and Experimental Validation. Drug design, development and therapy, 19, 4537.

Liao Y, et al. (2025) Integrating network pharmacology, quantitative transcriptomic analysis, and experimental validation revealed the mechanism of cordycepin in the treatment of obesity. Frontiers in pharmacology, 16, 1571480.

Sui X, et al. (2025) Dietary flavonoids may improve insulin resistance: NHANES, network pharmacological analyses and in vitro experiments. PloS one, 20(12), e0338100.

Huo P, et al. (2025) Mechanism of ??sitosterol in treating keloids: Network pharmacology, molecular docking and experimental verification. Molecular medicine reports, 31(4).

Klamrak A, et al. (2025) Integrative computational analysis of anti-influenza potential in Caesalpinia mimosoides Lamk hydroethanolic extract. Scientific reports, 15(1), 3988.

Zhang X, et al. (2025) Expression characteristics, molecular mechanisms, and clinical significance of DICER1 in breast cancer. Frontiers in genetics, 16, 1586287.

Lei S, et al. (2025) Liver-Targeting Nanoparticles GA-MSe@AR Treat NAFLD Through Dual Lipid-Lowering and Antioxidant Efficacy. International journal of nanomedicine, 20, 5017.

Li Y, et al. (2025) Network toxicology and molecular docking elucidate the hepatotoxic and carcinogenic mechanisms of potassium sorbate validated by in vitro assays. Scientific reports, 15(1), 31225.

Xie L, et al. (2025) Identifying therapeutic target genes for diabetic retinopathy using systematic druggable genome-wide Mendelian randomization. Diabetology & metabolic syndrome, 17(1), 145.

AbuBakar U, et al. (2025) Antiviral potential of diosmin against influenza A virus. Scientific reports, 15(1), 17192.

Mubeen H, et al. (2025) Toxicity assessment of doxycycline-aided artificial intelligence-assisted drug design targeting candidate 16S rRNA methyltransferase gene. BMC pharmacology & toxicology, 26(1), 195.

Long J, et al. (2025) Investigating the clinical efficacy, safety and molecular mechanism of sulforaphane in autism spectrum disorder: an integrated study combining meta-analysis, network pharmacology, and computational biology. BMC pharmacology & toxicology, 26(1), 217.

Zhang J, et al. (2025) Identification and validation of prognostic genes associated with m6A-regulated programmed cell death in acute lymphoblastic leukemia. Scientific reports, 15(1), 38248.

Shan B, et al. (2025) Tanshinone IIA alleviates pulmonary fibrosis by modulating glutamine metabolic reprogramming based on [U-13C5]-glutamine metabolic flux analysis. Journal of advanced research, 70, 531.

Wang Z, et al. (2025) Development of immune-derived molecular markers for preeclampsia based on multiple machine learning algorithms. Scientific reports, 15(1), 1767.

Qiu RB, et al. (2025) Thymoquinone mitigates cardiac hypertrophy by activating adaptive autophagy via the PPAR??/14?3?3? pathway. International journal of molecular medicine, 55(4).