Resource Summary Report

Generated by NIF on May 4, 2025

Similarity Ensemble Approach

RRID:SCR_023754
Type: Tool

Proper Citation

Similarity Ensemble Approach (RRID:SCR_023754)

Resource Information

URL: https://sea.bkslab.org/

Proper Citation: Similarity Ensemble Approach (RRID:SCR_023754)

Description: Web tool to relate proteins based on set wise chemical similarity among their ligands. Used to rapidly search large compound databases and to build cross target similarity maps.

Abbreviations: SEA

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

Defining Citation: PMID:17287757

Keywords: relate proteins, chemical similarity among proteins ligands, search large compound databases, build cross target similarity maps,

Funding:

Availability: Free, Freely available

Resource Name: Similarity Ensemble Approach

Resource ID: SCR_023754

Record Creation Time: 20230708T050227+0000

Record Last Update: 20250503T061116+0000

Ratings and Alerts

No rating or validation information has been found for Similarity Ensemble Approach.

No alerts have been found for Similarity Ensemble Approach.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 84 mentions in open access literature.

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

He S, et al. (2025) Identification of quality markers and mechanisms of Anzi Tiaochong Fang in the treatment of antiphospholipid syndrome-related recurrent pregnancy loss: chemical analysis, network pharmacology, and in vitro approaches. BMC complementary medicine and therapies, 25(1), 20.

Zhang Y, et al. (2025) Clozapine Induces Agranulocytosis via Inflammatory and Hematopoietic Cytokine Induction of the JAK-STAT Signaling Pathway: Evidence From Network Pharmacology and Molecular Docking. CNS neuroscience & therapeutics, 31(1), e70206.

Li Y, et al. (2025) Genetic associations of plasma metabolites with immune cells in hyperthyroidism revealed by Mendelian randomization and GWAS-sc-eQTLs xQTLbiolinks analysis. Scientific reports, 15(1), 1377.

Feng Y, et al. (2025) Antiviral Activity and Underlying Mechanism of Moslae herba Aqueous Extract for Treating SARS-CoV-2. Molecules (Basel, Switzerland), 30(2).

Zhang P, et al. (2025) 6-hydroxygenistein attenuates hypoxia-induced injury via activating Nrf2/HO-1 signaling pathway in PC12 cells. Scientific reports, 15(1), 875.

Jeong M, et al. (2025) An Investigation of the Anticancer Mechanism of Caesalpinia sappan L. Extract Against Colorectal Cancer by Integrating a Network Pharmacological Analysis and Experimental Validation. Plants (Basel, Switzerland), 14(2).

McDiarmid AH, et al. (2024) Morphological profiling in human neural progenitor cells classifies hits in a pilot drug screen for Alzheimer's disease. Brain communications, 6(2), fcae101.

Gao K, et al. (2024) Therapeutic mechanisms of modified Jiawei Juanbi decoction in early knee osteoarthritis: A multimodal analysis. Heliyon, 10(10), e30828.

Tang X, et al. (2024) Chrysin Inhibits TAMs-Mediated Autophagy Activation via CDK1/ULK1

Pathway and Reverses TAMs-Mediated Growth-Promoting Effects in Non-Small Cell Lung Cancer. Pharmaceuticals (Basel, Switzerland), 17(4).

Su H, et al. (2024) Calycosin ameliorates osteoarthritis by regulating the imbalance between chondrocyte synthesis and catabolism. BMC complementary medicine and therapies, 24(1), 48.

Yang T, et al. (2024) Cardamonin Attenuates Myocardial Ischemia/Reperfusion-Induced Ferroptosis Through Promoting STAT3 Signaling. Journal of inflammation research, 17, 8861.

Zhao X, et al. (2024) Pharmacological targets and validation of remdesivir for the treatment of COVID-19-associated pulmonary fibrosis: A network-based pharmacology and bioinformatics study. Medicine, 103(39), e39062.

Mohanty D, et al. (2024) Integrating network pharmacology and experimental verification to decipher the multitarget pharmacological mechanism of Cinnamomum zeylanicum essential oil in treating inflammation. Heliyon, 10(2), e24120.

Xie J, et al. (2024) Inhibition of OGFOD1 by FG4592 confers neuroprotection by activating unfolded protein response and autophagy after ischemic stroke. Journal of translational medicine, 22(1), 248.

Wu Z, et al. (2024) Bioinformatics analysis and experimental validation revealed that Paeoniflorigenone effectively mitigates cerebral ischemic stroke by suppressing oxidative stress and inflammation. Scientific reports, 14(1), 5580.

Chen J, et al. (2024) Exploring the Mechanisms of Traditional Chinese Herbal Therapy in Gastric Cancer: A Comprehensive Network Pharmacology Study of the Tiao-Yuan-Tong-Wei decoction. Pharmaceuticals (Basel, Switzerland), 17(4).

Li X, et al. (2024) Sanguinarine identified as a natural dual inhibitor of AURKA and CDK2 through network pharmacology and bioinformatics approaches. Scientific reports, 14(1), 29608.

Che H, et al. (2024) Ultrasound-assisted extraction of polyphenols from Phyllanthi Fructus: Comprehensive insights from extraction optimization and antioxidant activity. Ultrasonics sonochemistry, 111, 107083.

Song Y, et al. (2024) Investigating the Potential Effects of 6PPDQ on Prostate Cancer Through Network Toxicology and Molecular Docking. Toxics, 12(12).

Zhang Y, et al. (2024) Integrative Analysis of Pharmacology and Transcriptomics Predicts Resveratrol Will Ameliorate Microplastics-Induced Lung Damage by Targeting Ccl2 and Esr1. Toxics, 12(12).