Resource Summary Report

Generated by <u>dkNET</u> on Apr 28, 2025

CARMA

RRID:SCR_004999 Type: Tool

Proper Citation

CARMA (RRID:SCR_004999)

Resource Information

URL: <u>http://www.cebitec.uni-bielefeld.de/index.php/2-uncategorised/47-</u> carma?highlight=WyJjYXJtYSJd

Proper Citation: CARMA (RRID:SCR_004999)

Description: A software pipeline for characterizing the taxonomic composition and genetic diversity of short-read metagenomes. The software was originally designed for the analysis of environmental metagenomes obtained by the ultra-fast 454 pyrosequencing system.

Abbreviations: CARMA

Synonyms: CARMA - Characterizing Short Read Metagenomes

Resource Type: software resource

Defining Citation: PMID:18285365

Keywords: metagenome, phylogenetic, dna fragment, dna, classification

Funding:

Availability: Acknowledgement requested

Resource Name: CARMA

Resource ID: SCR_004999

Alternate IDs: OMICS_01451

Record Creation Time: 20220129T080227+0000

Ratings and Alerts

No rating or validation information has been found for CARMA.

No alerts have been found for CARMA.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 78 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>dkNET</u>.

Yu T, et al. (2025) Enhanced dynamic coupling in a nuclear receptor underlies ligand activity. The Journal of biological chemistry, 301(2), 108081.

Rubiales-Martínez A, et al. (2024) Design of Two New Sulfur Derivatives of Perezone: In Silico Study Simulation Targeting PARP-1 and In Vitro Study Validation Using Cancer Cell Lines. International journal of molecular sciences, 25(2).

Mariasoosai C, et al. (2024) Structural insights into the molecular recognition of integrin ?V?3 by RGD-containing ligands: The role of the specificity-determining loop (SDL). bioRxiv : the preprint server for biology.

Carranza-Aranda AS, et al. (2024) Evaluation of Potential Furin Protease Inhibitory Properties of Pioglitazone, Rosiglitazone, and Pirfenidone: An In Silico Docking and Molecular Dynamics Simulation Approach. Current issues in molecular biology, 46(8), 8665.

Gavshina AV, et al. (2024) The role of the correlated motion(s) of the chromophore in photoswitching of green and red forms of the photoconvertible fluorescent protein mSAASoti. Scientific reports, 14(1), 8754.

Akgun B, et al. (2024) Genome-wide association analysis and admixture mapping in a Puerto Rican cohort supports an Alzheimer disease risk locus on chromosome 12. Frontiers in aging neuroscience, 16, 1459796.

?liwa P, et al. (2024) The Pivotal Distinction between Antagonists' and Agonists' Binding into Dopamine D4 Receptor-MD and FMO/PIEDA Studies. International journal of molecular sciences, 25(2).

Díaz-Valdez J, et al. (2024) EhVps35, a retromer component, is involved in the recycling of

the EhADH and Gal/GalNac virulent proteins of Entamoeba histolytica. Frontiers in parasitology, 3, 1356601.

Martínez-Valencia D, et al. (2024) The Entamoeba histolytica Vps26 (EhVps26) retromeric protein is involved in phagocytosis: Bioinformatic and experimental approaches. PloS one, 19(8), e0304842.

Perego E, et al. (2023) Single-photon microscopy to study biomolecular condensates. Nature communications, 14(1), 8224.

Henry LM, et al. (2023) Mean-level correspondence and moment-to-moment synchrony in adolescent and parent affect: Exploring associations with adolescent age and internalizing and externalizing symptoms. Development and psychopathology, 35(2), 809.

Xu M, et al. (2023) Dimeric Lectin Chimeras as Novel Candidates for Gb3-Mediated Transcytotic Drug Delivery through Cellular Barriers. Pharmaceutics, 15(1).

Dube N, et al. (2023) Identification of an Evolutionarily Conserved Allosteric Network in Steroid Receptors. Journal of chemical information and modeling, 63(2), 571.

Rucker G, et al. (2023) Structure, dynamics and free energy studies on the effect of point mutations on SARS-CoV-2 spike protein binding with ACE2 receptor. PloS one, 18(10), e0289432.

Cato ML, et al. (2023) Comparison of activity, structure, and dynamics of SF-1 and LRH-1 complexed with small molecule modulators. The Journal of biological chemistry, 299(8), 104921.

Aleuy OA, et al. (2022) Association of Environmental Factors with Seasonal Intensity of Erysipelothrix rhusiopathiae Seropositivity among Arctic Caribou. Emerging infectious diseases, 28(8), 1650.

Newell F, et al. (2022) Comparative Genomics Provides Etiologic and Biological Insight into Melanoma Subtypes. Cancer discovery, 12(12), 2856.

Zhao NL, et al. (2021) Structural and molecular dynamic studies of Pseudomonas aeruginosa OdaA reveal the regulation role of a C-terminal hinge element. Biochimica et biophysica acta. General subjects, 1865(1), 129756.

Liao S, et al. (2021) Probing biased activation of mu-opioid receptor by the biased agonist PZM21 using all atom molecular dynamics simulation. Life sciences, 269, 119026.

Ma S, et al. (2021) A microbial gene catalog of anaerobic digestion from full-scale biogas plants. GigaScience, 10(1).