

Resource Summary Report

Generated by [dkNET](#) on Aug 6, 2026

CARMA

RRID:SCR_004999

Type: Tool

Proper Citation

CARMA (RRID:SCR_004999)

Resource Information

URL: <http://www.cebitec.uni-bielefeld.de/index.php/2-uncategorised/47-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

Availability: Acknowledgement requested

Resource Name: CARMA

Resource ID: SCR_004999

Alternate IDs: OMICS_01451

Record Creation Time: 20220129T080227+0000

Record Last Update: 20260801T190244+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 86 mentions in open access literature.

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

Gautam N, et al. (2025) Mapping the Interactions Among Class IIa Histone Deacetylases and Myocyte Enhancer Factor 2s. *Journal of chemical information and modeling*, 65(12), 6249.

Manzanilla-Valdez ML, et al. (2025) Antioxidant, Hypotensive, and Antidiabetic Breakthroughs: Bromelain Hydrolysis Unlocks Quinoa's Peptide Potential - In Silico and In Vitro Approach. *Journal of agricultural and food chemistry*, 73(36), 22877.

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

Morgenroth E, et al. (2025) Emo-FilM: A multimodal dataset for affective neuroscience using naturalistic stimuli. *Scientific data*, 12(1), 684.

Biswas A, et al. (2025) Impact of Replicas and Simulation Length on In Silico Behaviors of a Protein Domain. *Chemphyschem : a European journal of chemical physics and physical chemistry*, 26(3), e202400783.

Morales AE, et al. (2025) Bat genomes illuminate adaptations to viral tolerance and disease resistance. *Nature*, 638(8050), 449.

Lamlom SF, et al. (2025) Cultivar specific nitrogen and potassium recommendations optimize yield and quality attributes in sugar beet. *Scientific reports*, 15(1), 27550.

Malik A, et al. (2025) Stability of Individual Differences in Social and Nonsocial Visual Attention From Newborn to 14 Months. *Developmental psychobiology*, 67(4), e70054.

Song X, et al. (2025) Lower functional connectivity state transitions during affective processing correlate with subsequent impairment in sustaining positive affect in subthreshold depression. *International journal of clinical and health psychology : IJCHP*, 25(1), 100560.

Mariasoosai C, et al. (2024) Structural insights into the molecular recognition of integrin α 5 β 3 by RGD-containing ligands: The role of the specificity-determining loop (SDL). *bioRxiv : the preprint server for biology*.

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).

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.

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.

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.

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

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.