

Resource Summary Report

Generated by [RRID](#) on Aug 13, 2026

NetShift

RRID:SCR_022733

Type: Tool

Proper Citation

NetShift (RRID:SCR_022733)

Resource Information

URL: <https://web.rniapps.net/netshift/>

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Description: Web tool for identification of driver nodes between case control association networks. Methodology for understanding driver microbes from healthy and disease microbiome datasets.

Synonyms: Netshif

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

Defining Citation: [PMID:30287886](#)

Keywords: Driver microbes, identification of driver nodes, case control association networks, driver nodes between networks

Funding: CSIR-National Chemical Laboratory ;
Academy of Scientific and Innovative Research

Availability: Free, Freely available

Resource Name: NetShift

Resource ID: SCR_022733

Record Creation Time: 20220913T050150+0000

Record Last Update: 20260813T055256+0000

Ratings and Alerts

No rating or validation information has been found for NetShift.

No alerts have been found for NetShift.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Hao H, et al. (2026) Phenolic acid biosynthesis is associated with deleterious microbiome changes during Plasmodiophora brassicae-induced clubroot in pakchoi. Microbiome, 14(1).

Ji X, et al. (2025) DnaK of Parvimonas micra extracellular vesicles interacts with the host fibroblasts BAG3-IKK-? axis to accelerate TNF-? secretion in oral lichen planus. Microbiome, 13(1), 164.

Li Z, et al. (2025) Identification of stress-alleviating strains from the core drought-responsive microbiome of Arabidopsis ecotypes. The ISME journal, 19(1).

Yang X, et al. (2023) Ecological change of the gut microbiota during pregnancy and progression to dyslipidemia. NPJ biofilms and microbiomes, 9(1), 14.

Esquivel-Hernández DA, et al. (2023) A network perspective on the ecology of gut microbiota and progression of type 2 diabetes: Linkages to keystone taxa in a Mexican cohort. Frontiers in endocrinology, 14, 1128767.

Bose T, et al. (2023) A cross-sectional study on the nasopharyngeal microbiota of individuals with SARS-CoV-2 infection across three COVID-19 waves in India. Frontiers in microbiology, 14, 1238829.

Chen J, et al. (2023) Uncovering Predictive Factors and Interventions for Restoring Microecological Diversity after Antibiotic Disturbance. Nutrients, 15(18).

Wei ZY, et al. (2022) Characterization of Changes and Driver Microbes in Gut Microbiota During Healthy Aging Using A Captive Monkey Model. Genomics, proteomics & bioinformatics, 20(2), 350.

Li X, et al. (2022) Changes to bacterial communities and soil metabolites in an apple orchard as a legacy effect of different intercropping plants and soil management practices. Frontiers in microbiology, 13, 956840.

Galvez G, et al. (2021) Co-occurrence Interaction Networks of Extremophile Species Living in a Copper Mining Tailing. Frontiers in microbiology, 12, 791127.