

Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

[MMUPHin](#)

RRID:SCR_028853

Type: Tool

Proper Citation

MMUPHin (RRID:SCR_028853)

Resource Information

URL: <https://github.com/biobakery/MMUPHin>

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Description: Software R package that implements meta-analysis methods for microbial community profiles. It provides standardized statistical workflows for: a) covariate-controlled batch and study effect adjustment, b) meta-analytic differential abundance testing, and c) unsupervised population structure discovery (both discrete, cluster-based, and continuous gradients). Used to normalize, combine, and analyze multiple independent microbiome datasets using taxonomic or functional abundance profiles.

Synonyms: MMUPHin v1.12.1

Resource Type: software resource, software toolkit, source code

Defining Citation: [PMID:36192803](#)

Keywords: microbial community profiles, normalization, statistical meta-analysis, population structure discovery, microbial taxonomic and functional profiles,

Funding: NIDDK P30DK043351;
NIDDK R24DK110499

Availability: Free, Available for download, Freely available

Resource Name: MMUPHin

Resource ID: SCR_028853

Record Creation Time: 20260821T043041+0000

Record Last Update: 20260919T200141+0000

Ratings and Alerts

No rating or validation information has been found for MMUPHin.

No alerts have been found for MMUPHin.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.