

Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

PERFect

RRID:SCR_024682

Type: Tool

Proper Citation

PERFect (RRID:SCR_024682)

Resource Information

URL: <https://github.com/katiasmirn/PERFect#perfect-permutation-filtering-package-in-r>

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Description: Software R package as filtering test for microbiome data. Permutation filtering approach to address two unsolved problems in microbiome data processing: (i) define and quantify loss due to filtering by implementing thresholds and (ii) introduce and evaluate a permutation test for filtering loss to provide a measure of excessive filtering.

Synonyms: Permutation Filtering Package in R

Resource Type: data processing software, software application, software resource

Defining Citation: [PMID:29917060](#)

Keywords: filtering test, microbiome data, microbiome data processing,

Funding: NIGMS 1U54GM104944;
NSF

Availability: Free, Available for download, Freely available

Resource Name: PERFect

Resource ID: SCR_024682

Record Creation Time: 20231110T050307+0000

Record Last Update: 20260829T182837+0000

Ratings and Alerts

No rating or validation information has been found for PERFect.

No alerts have been found for PERFect.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

, et al. (2026) A Community Standard Multispecies Cell Atlas of the Basal Ganglia. bioRxiv : the preprint server for biology.