

Resource Summary Report

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

[fastMNN](#)

RRID:SCR_017351

Type: Tool

Proper Citation

fastMNN (RRID:SCR_017351)

Resource Information

URL: <https://rdr.io/github/LTLA/batchelor/man/fastMNN.html>

Proper Citation: fastMNN (RRID:SCR_017351)

Description: Software tool to correct for batch effects in single-cell expression data using fast version of mutual nearest neighbors (MNN) method.

Synonyms: Fast Mutual Nearest Neighbors

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

Keywords: Correct, batch, effect, single, cell, expression, data, fast, version, mutual, nearest, neighbors

Availability: Free, Available for download, Freely available

Resource Name: fastMNN

Resource ID: SCR_017351

Record Creation Time: 20220129T080334+0000

Record Last Update: 20260829T182536+0000

Ratings and Alerts

No rating or validation information has been found for fastMNN.

No alerts have been found for fastMNN.

Data and Source Information

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Ning B, et al. (2026) Upregulation of an Epithelial miRNA Is Associated with Immune Evasion in Progressive Bronchial Premalignant Lesions. *Cancer immunology research*, 14(4), 689.

Koladiya A, et al. (2026) CellFuse Enables Multimodal Integration of Single-Cell and Spatial Proteomics Data for Systems-Level Analysis in Cancer. *Cancer research*, 86(14), 3379.

Kim H, et al. (2026) Myelin antigen capture in the CNS by B cells expressing EBV latent membrane protein 1 leads to demyelinating lesion formation. *Cell*.

Wang R, et al. (2026) Constructing the spatiotemporal atlas of single-cell lineage trajectories in stereotypic biological structures. *iScience*, 29(1), 114307.

Yang M, et al. (2024) NAD⁺ metabolism enzyme NNMT in cancer-associated fibroblasts drives tumor progression and resistance to immunotherapy by modulating macrophages in urothelial bladder cancer. *Journal for immunotherapy of cancer*, 12(7).

Van Der Byl W, et al. (2024) The CD8⁺ T_H1 cell tolerance checkpoint triggers a distinct differentiation state defined by protein translation defects. *Immunity*, 57(6), 1324.

Guttikonda SR, et al. (2021) Fully defined human pluripotent stem cell-derived microglia and tri-culture system model C3 production in Alzheimer's disease. *Nature neuroscience*, 24(3), 343.

Parpaite T, et al. (2021) Patch-seq of mouse DRG neurons reveals candidate genes for specific mechanosensory functions. *Cell reports*, 37(5), 109914.

Bakken TE, et al. (2021) Single-cell and single-nucleus RNA-seq uncovers shared and distinct axes of variation in dorsal LGN neurons in mice, non-human primates, and humans. *eLife*, 10.