Resource Summary Report

BBKNN

RRID:SCR_022807
Type: Tool

Proper Citation

BBKNN (RRID:SCR_022807)

Resource Information

URL: https://bbknn.readthedocs.io/en/latest/

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Description: Software to identify each cell's top neighbours in each batch separately instead of entire cell pool with no accounting for batch. Nearest neighbours for each batch are then merged to create final list of neighbours for cell. Aligns batches in a quick and lightweight manner.

Synonyms: Batch Balanced KNN

Resource Type: software application, software resource

Keywords: Aligns batches, nearest neighbours for each batch, identify each cell's top neighbours, each batch separately,

Funding:

Availability: Free, Available for download, Freely available

Resource Name: BBKNN

Resource ID: SCR_022807

Alternate URLs: https://github.com/Teichlab/bbknn/blob/master/docs/index.rst, https://github.com/Teichlab/bbknn

License: MIT License

Record Creation Time: 20220929T050157+0000

Record Last Update: 20250330T062026+0000

Ratings and Alerts

No rating or validation information has been found for BBKNN.

No alerts have been found for BBKNN.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Chen DG, et al. (2024) Integrative systems biology reveals NKG2A-biased immune responses correlate with protection in infectious disease, autoimmune disease, and cancer. Cell reports, 43(3), 113872.

Klughammer J, et al. (2024) A multi-modal single-cell and spatial expression map of metastatic breast cancer biopsies across clinicopathological features. Nature medicine, 30(11), 3236.

Yang X, et al. (2024) Integrated multiomic analysis reveals disulfidptosis subtypes in glioblastoma: implications for immunotherapy, targeted therapy, and chemotherapy. Frontiers in immunology, 15, 1362543.

Chiou KL, et al. (2023) A single-cell multi-omic atlas spanning the adult rhesus macaque brain. Science advances, 9(41), eadh1914.

Neirijnck Y, et al. (2023) Single-cell transcriptomic profiling redefines the origin and specification of early adrenogonadal progenitors. Cell reports, 42(3), 112191.

Wiedemann J, et al. (2023) Differential cell composition and split epidermal differentiation in human palm, sole, and hip skin. Cell reports, 42(1), 111994.