

Resource Summary Report

Generated by [dkNET](#) on Aug 16, 2026

BoneMarrowMap

RRID:SCR_028324

Type: Tool

Proper Citation

BoneMarrowMap (RRID:SCR_028324)

Resource Information

URL: <https://github.com/andygxzeng/BoneMarrowMap>

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Description: Software R package to enable rapid reference mapping and annotation of new scRNA-seq data across the spectrum of normal and malignant hematopoietic contexts. Single cell RNA-seq reference map of human hematopoietic development in the bone marrow, with balanced representation of hematopoietic stem and progenitor cells and differentiated populations.

Resource Type: software toolkit, source code, software resource

Defining Citation: [PMID:40294241](#)

Keywords: bone marrow AML acute myeloid leukemia scRNA-seq, reference mapping and annotation, scRNA-seq data, hematopoietic context, reference map, human hematopoietic development, bone marrow,

Funding: NCI P30 CA021765;
NCI R35 CA197695

Availability: Free, Available for download, Freely available

Resource Name: BoneMarrowMap

Resource ID: SCR_028324

License: GNU GPL v3

Record Creation Time: 20260424T054037+0000

Record Last Update: 20260815T183320+0000

Ratings and Alerts

No rating or validation information has been found for BoneMarrowMap.

No alerts have been found for BoneMarrowMap.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Wang K, et al. (2026) Ontogeny Dictates Oncogenic Potential, Lineage Hierarchy, and Therapy Response in Pediatric Leukemia. *Cancer discovery*, 16(3), 541.

Giannini M, et al. (2026) A human pathophysiological 3D-bone marrow model reveals immune and stromal cell heterogeneity. *Communications biology*, 9(1), 164.

Agarwal G, et al. (2026) Inherited resilience to clonal hematopoiesis by modifying stem cell RNA regulation. *Science (New York, N.Y.)*, 391(6780), 52.

Yashar WM, et al. (2026) PU.1 inhibition sensitizes stem-monocytic AML to BCL2 blockade. *bioRxiv : the preprint server for biology*.

De Marchi F, et al. (2026) ACSL4-driven ferroptosis susceptibility as a targetable vulnerability in monocytic acute myeloid leukemia. *Frontiers in oncology*, 16, 1837940.