

Resource Summary Report

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BloodSpot

RRID:SCR_015563

Type: Tool

Proper Citation

BloodSpot (RRID:SCR_015563)

Resource Information

URL: <http://servers.binf.ku.dk/bloodspot/>

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Description: Database that provides gene expression profiles of genes and gene signatures in healthy and malignant hematopoiesis and includes data from both humans and mice. In addition to the default plot, which displays an integrated expression plot, two additional levels of visualization are available: an interactive tree showing the hierarchical relationship between the samples, and a Kaplan-Meier survival plot. The database is subdivided into several datasets that are accessible for browsing.

Resource Type: data or information resource, database

Defining Citation: [DOI:10.1093/nar/gkv1101](https://doi.org/10.1093/nar/gkv1101)

Keywords: human gene signature, mouse gene signature, human gene database, mouse gene database, hematopoiesis, blood cell database, FASEB list

Funding: Danish Research Council for Strategic Research ; NovoNordisk Foundation

Availability: Open source

Resource Name: BloodSpot

Resource ID: SCR_015563

Record Creation Time: 20220129T080326+0000

Record Last Update: 20260729T044352+0000

Ratings and Alerts

No rating or validation information has been found for BloodSpot.

No alerts have been found for BloodSpot.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 85 mentions in open access literature.

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

Yang L, et al. (2025) A bioinformatics analysis and experimental validation of PDGFD as a promising diagnostic biomarker for acute myeloid leukemia. Scientific reports, 15(1), 14862.

Wang Z, et al. (2025) Energy Deficiency-Induced ATG4B Nuclear Translocation Inhibits PRMT1-Mediated DNA Repair and Promotes Leukemia Progression. Advanced science (Weinheim, Baden-Wurttemberg, Germany), e09838.

Krishnamoorthy V, et al. (2025) The glycosyltransferase ST3GAL4 drives immune evasion in acute myeloid leukemia by synthesizing ligands for the glyco-immune checkpoint receptor Siglec-9. Leukemia, 39(2), 346.

Wu DH, et al. (2025) Hypomethylation of GCNT2 isoform A correlates with transcriptional expression and is associated with poor survival in acute myeloid leukemia. Frontiers in immunology, 16, 1490330.

Li Z, et al. (2025) Ubiquitin-specific protease 34 serves as a novel prognostic biomarker through correlating with immune responses and cell proliferation in acute myeloid leukemia. Discover oncology, 16(1), 1914.

Sang X, et al. (2025) Molecular insights into chemotherapy resistance mediated by MLL-AF9 fusion gene in pediatric B-cell acute lymphoblastic leukemia. The Journal of biological chemistry, 301(7), 110321.

Li X, et al. (2025) Tumor-derived CD84 promotes growth of acute myeloid leukemia cells via regulating nonhomologous DNA end-joining pathway. Molecules and cells, 48(9), 100253.

Valcárcel G, et al. (2025) Modulating immune cell fate and inflammation through CRISPR-mediated DNA methylation editing. Science advances, 11(29), eadt1644.

Liu X, et al. (2025) Pan-cancer analysis identifies CD155 as a promising target for CAR-T cell therapy. Genome medicine, 17(1), 64.

Shang K, et al. (2025) CD97-directed CAR-T cells with enhanced persistence eradicate acute myeloid leukemia in diverse xenograft models. Cell reports. Medicine, 6(6), 102148.

Ray A, et al. (2024) The Endosomal Sorting Complex, ESCRT, has diverse roles in blood progenitor maintenance, lineage choice and immune response. *Biology open*, 13(6).

Wang G, et al. (2024) The DNA damage-independent ATM signalling maintains CBP/DOT1L axis in MLL rearranged acute myeloid leukaemia. *Oncogene*, 43(25), 1900.

Corre E, et al. (2024) Differential prognostic values of the three AKT isoforms in acute myeloid leukemia. *Scientific reports*, 14(1), 7070.

Jankovic M, et al. (2024) The E3 ubiquitin ligase Herc1 modulates the response to nucleoside analogs in acute myeloid leukemia. *Blood advances*, 8(20), 5315.

Shivarov V, et al. (2024) Differential modulation of mutant CALR and JAK2 V617F-driven oncogenesis by HLA genotype in myeloproliferative neoplasms. *Frontiers in immunology*, 15, 1427810.

Carvalho MFL, et al. (2024) Comprehensive analysis of the HCK gene in myeloid neoplasms: Insights into biological functions, prognosis, and response to antineoplastic agents. *Hematology, transfusion and cell therapy*, 46(3), 273.

Sahasrabudhe DM, et al. (2024) In silico predicted compound targeting the IQGAP1-GRD domain selectively inhibits growth of human acute myeloid leukemia. *Scientific reports*, 14(1), 12868.

Kawakatsu R, et al. (2024) The combination of venetoclax and quercetin exerts a cytotoxic effect on acute myeloid leukemia. *Scientific reports*, 14(1), 26418.

Edtmayer S, et al. (2024) A novel function of STAT3? in suppressing interferon response improves outcome in acute myeloid leukemia. *Cell death & disease*, 15(5), 369.

Gíslason MH, et al. (2024) BloodSpot 3.0: a database of gene and protein expression data in normal and malignant haematopoiesis. *Nucleic acids research*, 52(D1), D1138.