

Resource Summary Report

Generated by [NIF](#) on Sep 20, 2026

Gene Skyline

RRID:SCR_019014

Type: Tool

Proper Citation

Gene Skyline (RRID:SCR_019014)

Resource Information

URL: <http://rstats.immgen.org/Skyline/skyline.html>

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Description: Browser for general overview of expression profiles for RNA-seq data. Presents expression profiles of selected gene in chosen group of cell types, in either microarray or ULI RNA-seq data.

Resource Type: data access protocol, data or information resource, software resource, web service

Keywords: Expression profiles overview, RNAseq data, gene, microarray data, ULI RNAseq data, Immunological Genome Project

Availability: Free, Freely available

Resource Name: Gene Skyline

Resource ID: SCR_019014

Record Creation Time: 20220129T080343+0000

Record Last Update: 20260919T195401+0000

Ratings and Alerts

No rating or validation information has been found for Gene Skyline.

No alerts have been found for Gene Skyline.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 37 mentions in open access literature.

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

Kiran A, et al. (2026) Macrophages self-generate and refine chemotactic gradients during migration towards complement C5a. *PLoS biology*, 24(4), e3003728.

Bedi A, et al. (2025) The tropomyosin 3.1/3.2 inhibitor ATM-3507 alters B-cell actin dynamics and impairs the growth and motility of diffuse large B-cell lymphoma cell lines. *Frontiers in immunology*, 16, 1668379.

Alonso R, et al. (2025) Reprogramming RIPK3-induced cell death in malignant B cells promotes immune-mediated tumor control. *Science advances*, 11(33), eadv0871.

Estrada MD, et al. (2025) Transcriptional regulation of Ligase IV by an intronic regulatory element directs thymocyte development. *Genes and immunity*, 26(5), 509.

Dong H, et al. (2025) DSTYK phosphorylates STING at late endosomes to promote STING signaling. *EMBO reports*, 26(6), 1620.

Estrada MD, et al. (2025) Transcriptional regulation of the non-homologous end joining gene Ligase IV by an intronic regulatory element directs thymocyte development. *Research square*.

Davies SP, et al. (2024) Expression of E-cadherin by CD8+ T cells promotes their invasion into biliary epithelial cells. *Nature communications*, 15(1), 853.

Samper N, et al. (2024) Kir6.1, a component of an ATP-sensitive potassium channel, regulates natural killer cell development. *Frontiers in immunology*, 15, 1490250.

L'homme L, et al. (2024) Adipose tissue macrophage infiltration and hepatocyte stress increase GDF-15 throughout development of obesity to MASH. *Nature communications*, 15(1), 7173.

Ni H, et al. (2024) Cyclical palmitoylation regulates TLR9 signalling and systemic autoimmunity in mice. *Nature communications*, 15(1), 1.

Xu M, et al. (2024) The thymocyte-specific RNA-binding protein Arpp21 provides TCR repertoire diversity by binding to the 3'-UTR and promoting Rag1 mRNA expression. *Nature communications*, 15(1), 2194.

Cao S, et al. (2024) The IRE1 α /XBP1 pathway sustains cytokine responses of group 3 innate lymphoid cells in inflammatory bowel disease. *The Journal of clinical investigation*, 134(13).

Babushku T, et al. (2024) Notch2 controls developmental fate choices between germinal center and marginal zone B cells upon immunization. *Nature communications*, 15(1), 1960.

Gurri S, et al. (2023) NRF3 suppresses squamous carcinogenesis, involving the unfolded protein response regulator HSPA5. *EMBO molecular medicine*, 15(11), e17761.

Guo H, et al. (2023) DNA hypomethylation silences anti-tumor immune genes in early prostate cancer and CTCs. *Cell*, 186(13), 2765.

Sun H, et al. (2023) IL-2 can signal via chemokine receptors to promote regulatory T cells' suppressive function. *Cell reports*, 42(8), 112996.

Heieis GA, et al. (2023) Metabolic heterogeneity of tissue-resident macrophages in homeostasis and during helminth infection. *Nature communications*, 14(1), 5627.

Tanwar A, et al. (2023) Synergistic regulation of Notch signaling by different O-glycans promotes hematopoiesis. *Frontiers in immunology*, 14, 1097332.

Smith AS, et al. (2022) B cells imprint adoptively transferred CD8+ T cells with enhanced tumor immunity. *Journal for immunotherapy of cancer*, 10(1).

Shi Z, et al. (2022) Loss of H2R Signaling Disrupts Neutrophil Homeostasis and Promotes Inflammation-Associated Colonic Tumorigenesis in Mice. *Cellular and molecular gastroenterology and hepatology*, 13(3), 717.