

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 2, 2026

## SC2diseases

RRID:SCR\_019093

Type: Tool

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### Proper Citation

SC2diseases (RRID:SCR\_019093)

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### Resource Information

**URL:** <http://easybioai.com/sc2disease/>

**Proper Citation:** SC2diseases (RRID:SCR\_019093)

**Description:** Manually curated database of single cell transcriptome for human diseases. scRNA-seq database derived from numerous human studies. Provides researchers with encyclopedia of biomarkers at level of genes, cells, and diseases.

**Resource Type:** analysis service resource, data or information resource, database, production service resource, service resource

**Defining Citation:** [PMID:33010177](#)

**Keywords:** Human disease, single cell transcriptome, data, manually curated data, biomarker

**Funding:** National Natural Science Foundation of China

**Availability:** Free, Freely available

**Resource Name:** SC2diseases

**Resource ID:** SCR\_019093

**Record Creation Time:** 20220129T080343+0000

**Record Last Update:** 20260829T182617+0000

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### Ratings and Alerts

No rating or validation information has been found for SC2diseases.

No alerts have been found for SC2diseases.

## Data and Source Information

**Source:** [SciCrunch Registry](#)

## Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Arya A, et al. (2025) Navigating single-cell RNA-sequencing: protocols, tools, databases, and applications. Genomics & informatics, 23(1), 13.

Kai N, et al. (2024) An Inflammatory Bowel Diseases Integrated Resources Portal (IBDIRP). Database : the journal of biological databases and curation, 2024.

Xiong X, et al. (2024) Deciphering breast cancer dynamics: insights from single-cell and spatial profiling in the multi-omics era. Biomarker research, 12(1), 107.

Li H, et al. (2024) Comprehensive analysis and identification of subtypes and hub genes of high immune response in lung adenocarcinoma. BMC pulmonary medicine, 24(1), 324.

Tang L, et al. (2023) Diversity and heterogeneity in human breast cancer adipose tissue revealed at single-nucleus resolution. Frontiers in immunology, 14, 1158027.

Zhao T, et al. (2021) SC2disease: a manually curated database of single-cell transcriptome for human diseases. Nucleic acids research, 49(D1), D1413.

Rigden DJ, et al. (2021) The 2021 Nucleic Acids Research database issue and the online molecular biology database collection. Nucleic acids research, 49(D1), D1.