**ScRNASeq studies as reference datasets:**

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| --- | --- | --- | --- | --- | --- | --- |
| Category | Organism | Tissue | DOI | Title | Technique | Data |
| Age | Mouse | Spleen | 10.1126/science.aah4115 | Aging increases cell-to-cell transcriptional variability upon immune stimulation | SMARTer (C1) | E-MTAB-4888 |
| T cell | Mouse | Spleen | 10.1126/sciadv.aaw8330 | Aging promotes reorganization of the CD4 T cell landscape toward extreme regulatory and effector phenotypes | Chromium | SCP490 |
| MDSCs | Mouse | Spleen | 10.1126/sciimmunol.aay6017 | Defining the emergence of myeloid-derived suppressor cells in breast cancer using single-cell transcriptomics | Chromium |  |
| B cell/Plasma Cell | Mouse | Spleen | 10.1016/j.celrep.2020.03.034 | Plasma Cell Fate Is Orchestrated by Elaborate Changes in Genome Compartmentalization and Inter-chromosomal Hubs | Chromium |  |
| T cells | Mouse | Spleen | 10.1038/s41590-019-0403-4 | Single-cell RNA-seq reveals TOX as a key regulator of CD8+ T cell persistence in chronic infection | Chromium | GSE119943 |
| DCs | Mouse + Human | Spleen | 10.1016/j.cell.2019.09.035 | Transcriptional Basis of Mouse and Human Dendritic Cell Heterogeneity | Chromium | GSE137710 |
| B-ALL | Mouse | Blood, Bone marrow | 10.1016/j.ccell.2020.04.015 | Extensive Remodeling of the Immune Microenvironment in B Cell Acute Lymphoblastic Leukemia | Chromium | GSE134759 |
| B cell | Mouse | Blood, Heart | 10.1172/jci.insight.134700 | Myocardial B cells are a subset of circulating lymphocytes with delayed transit through the heart | Chromium |  |
| B cell | Mouse | Bone marrow | 10.1101/2020.06.30.178301 | Single-cell analysis of developing B cells reveals dynamic gene expression networks that govern B cell development and transformation | CITE-seq |  |
| B cell | Mouse |  | 10.1084/jem.20161056 | Intrinsic transcriptional heterogeneity in B cells controls early class switching to IgE | SMARTer (C1) & Smart-seq2 | E-MTAB-4825 |
| Atlas | Mouse | All | 10.1016/j.cell.2018.02.001 | Mapping the Mouse Cell Atlas by Microwell-Seq | Microwell-seq | GSE108097 |
| Atlas | Mouse | All | 10.1038/s41586-020-2496-1 | A single-cell transcriptomic atlas characterizes ageing tissues in the mouse | Chromium & Smart-seq2 | GSE132042 |
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ScRNASeq studies for data integration: