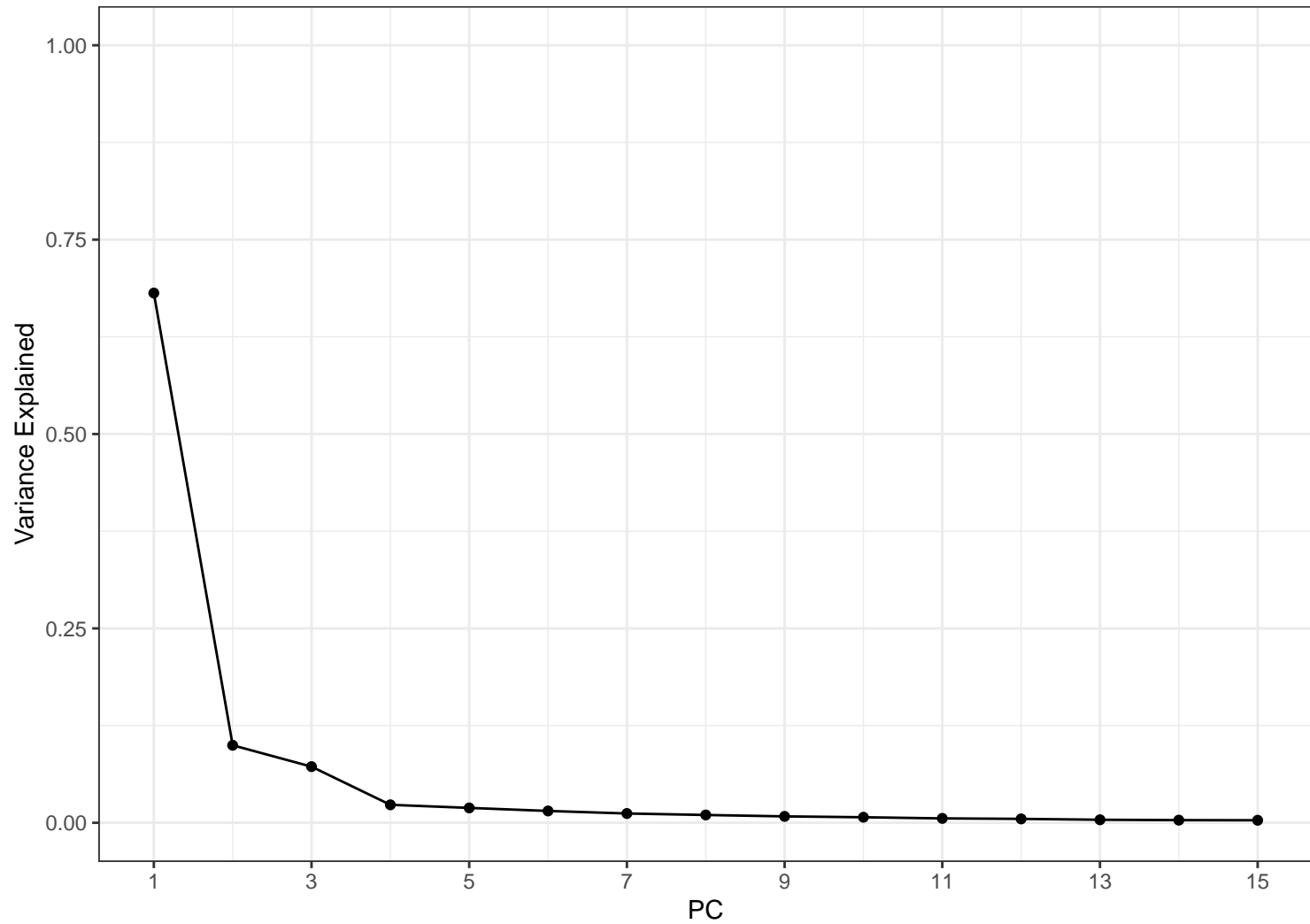
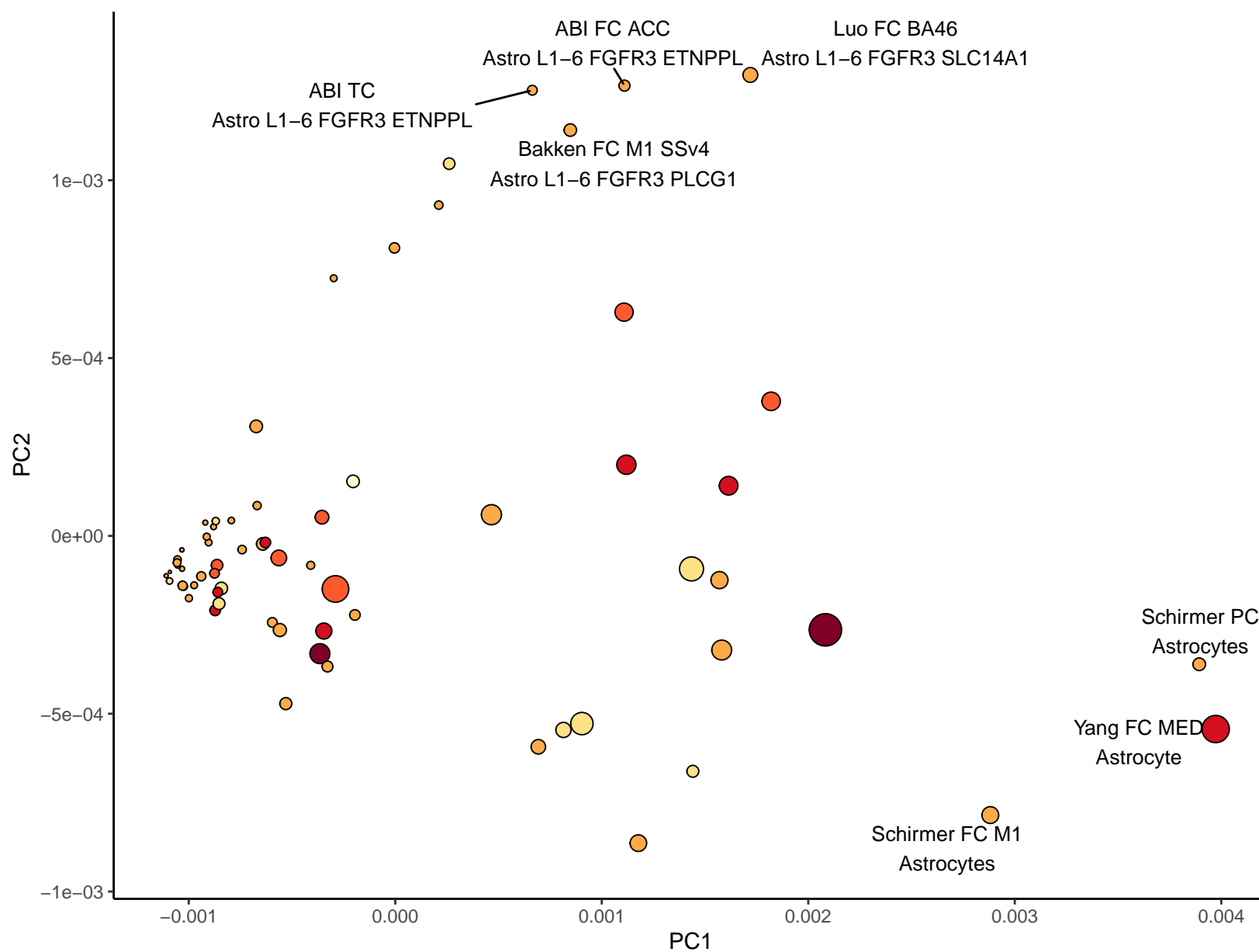


ASC Subtypes
Normalized Counts Proportional Fidelity Scree Plot
48 cell types, 30 datasets, 8,723 genes



Astrocyte Proportional Fidelity

48 cell types found in 30 datasets from 18 studies
8,723 genes



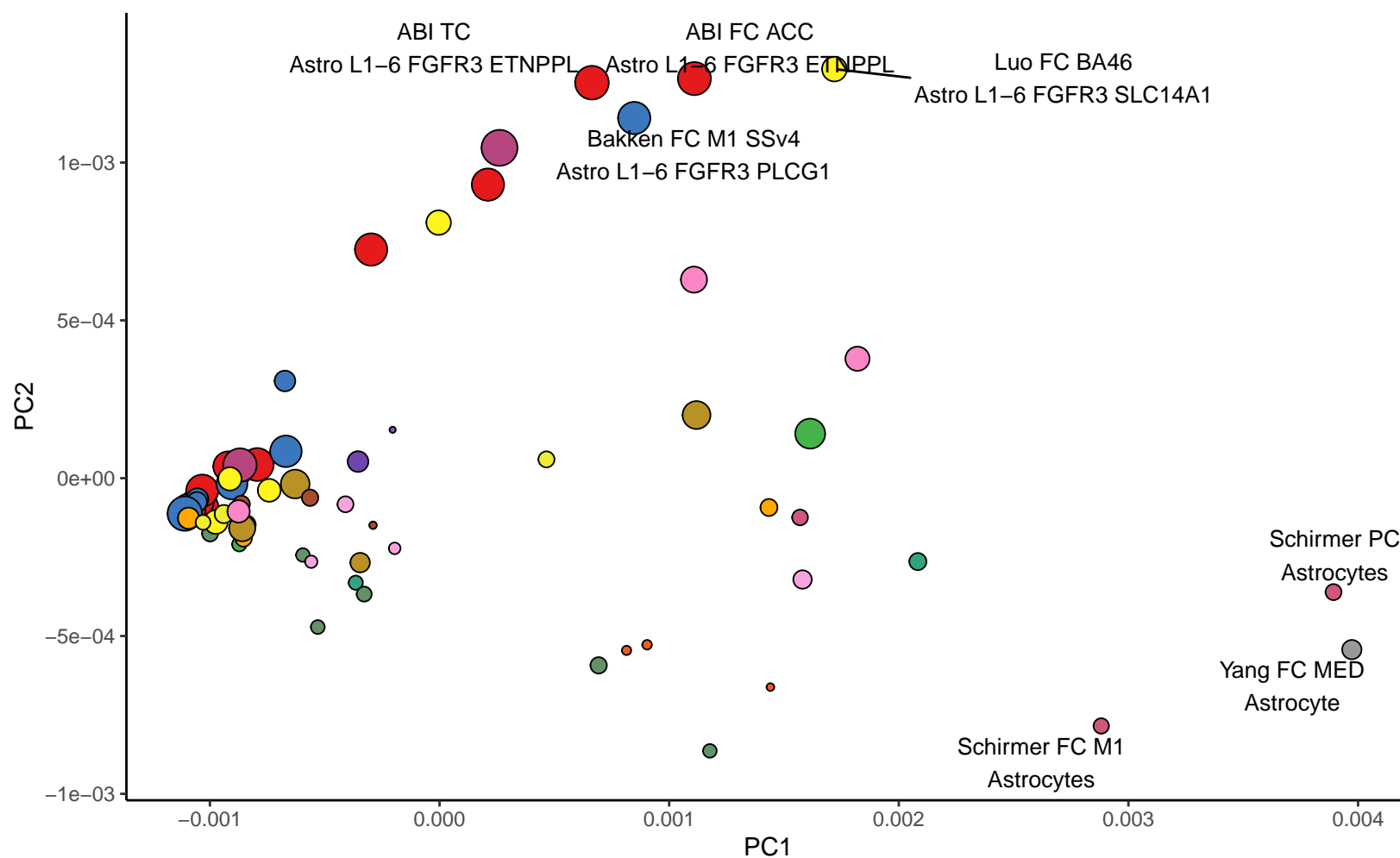
Nuclei

• 0 • 100 • 200 • 500 • 2,800

Year 2017 2018 2019 2020 2021 2022

Astrocyte Proportional Fidelity

48 cell types found in 30 datasets from 18 studies
8,723 genes



Median # Unique Genes

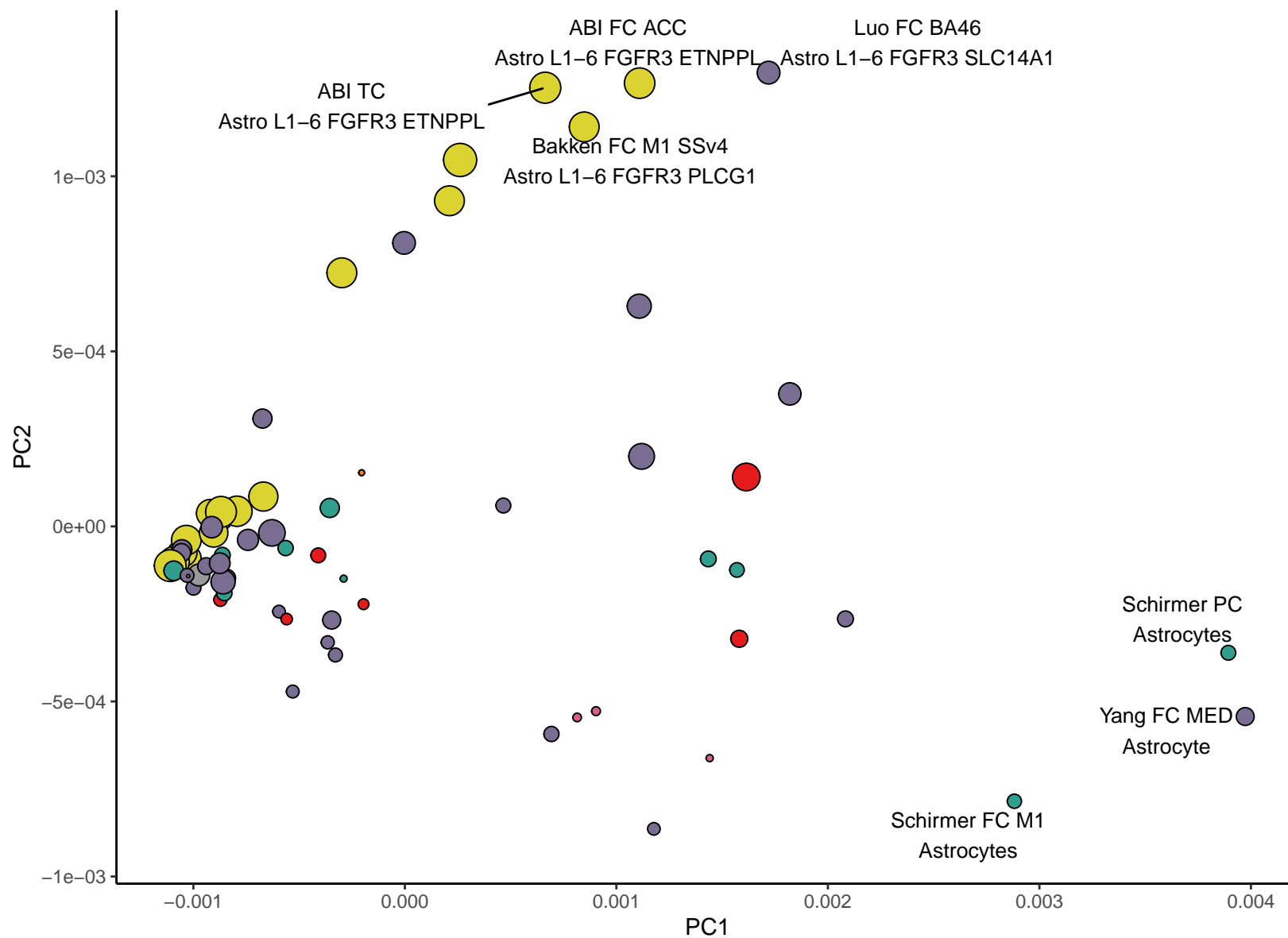
• 300 • 1,000 • 1,700 • 3,800 • 5,400

Study

- | | | |
|--------------|-------------|----------------|
| ABI 2019 | Habib 2017 | Morabito 2021 |
| Agarwal 2020 | Hodge 2018 | Nagy 2020 |
| Bakken 2019 | Lake 2018 | Schirmer 2019 |
| Franjic 2022 | Li 2018 | Tran 2020 |
| Fullard 2021 | Luo 2019 | Velmeshev 2019 |
| Grubman 2019 | Mathys 2019 | Yang 2021 |

Astrocyte Proportional Fidelity

48 cell types found in 30 datasets from 18 studies
8,723 genes



Median # Unique Genes

• 400 • 1,000 • 3,000 • 5,000

Platform

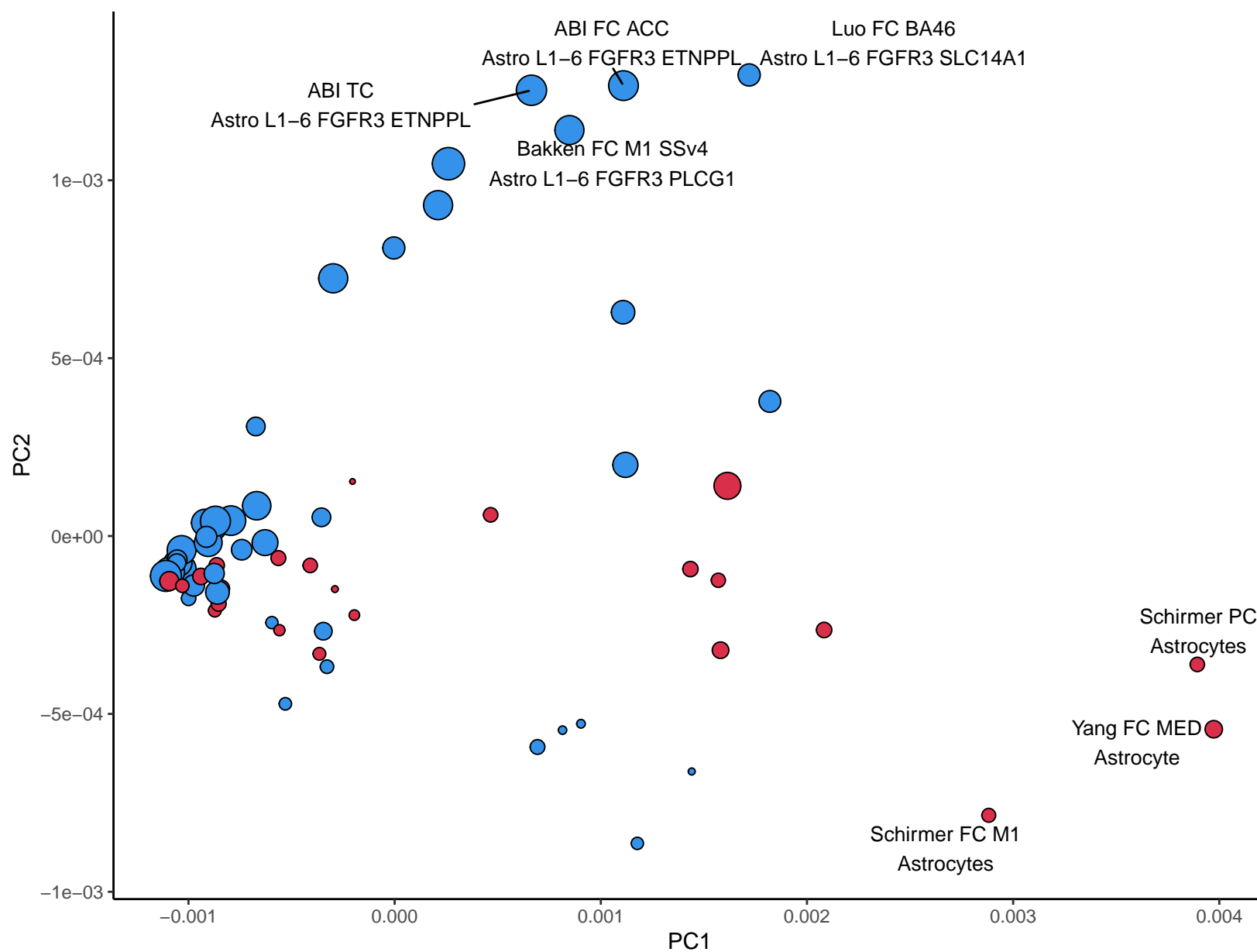
10x Chromium 10x Chromium V3 SMART-Seq v4 snmCAT-seq

10x Chromium V2 DroNc-seq snDrop-seq

Astrocyte Proportional Fidelity

48 cell types found in 30 datasets from 18 studies

8,723 genes



Median # Unique Genes

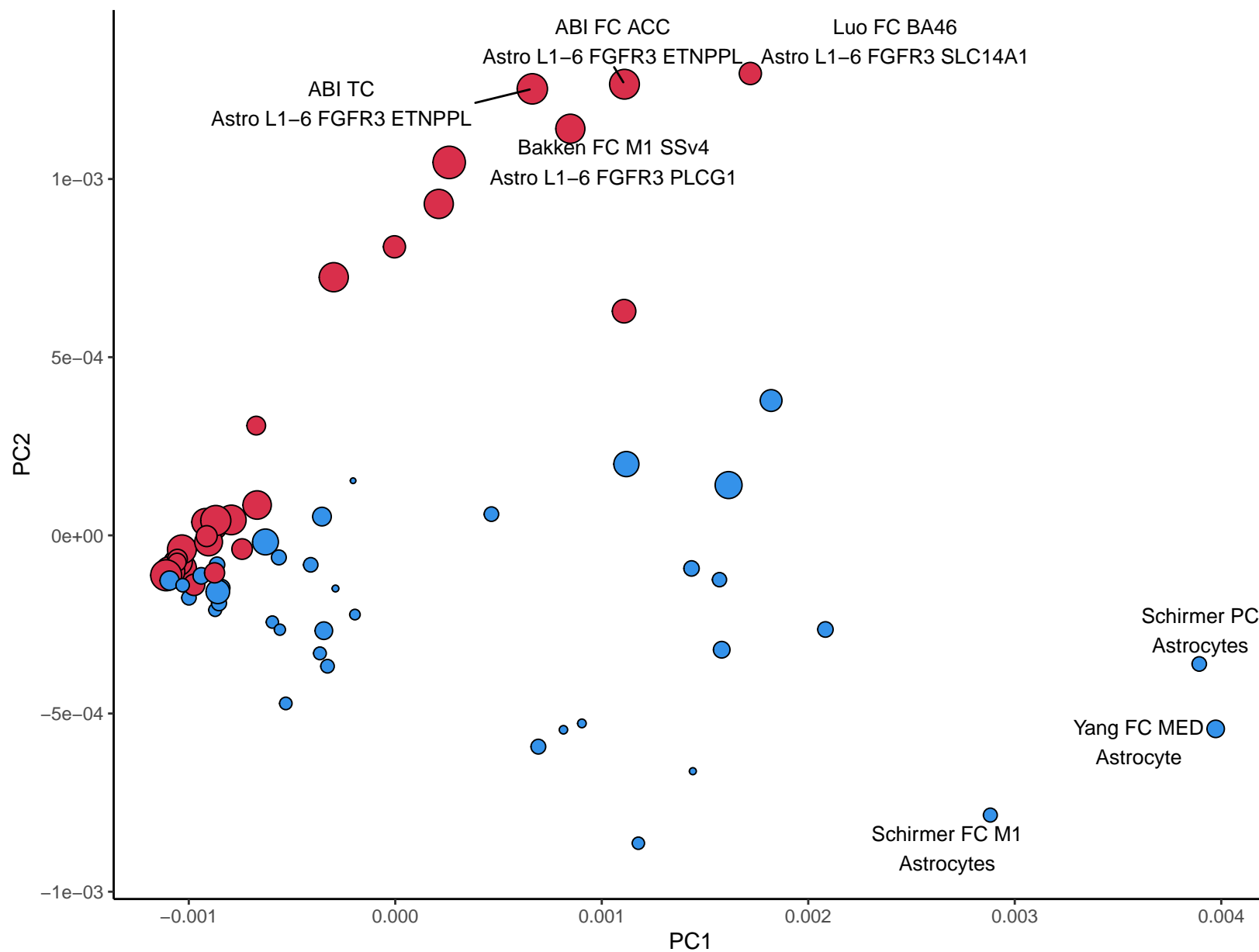
• 305 • 500 • 1,000 • 5,000 • 5,000

FACS Y N

Astrocyte Proportional Fidelity

48 cell types found in 30 datasets from 18 studies

8,723 genes



Median # Unique Genes

• 305 • 500 • 1,000 • 5,000 • 5,000

Unbiased Sampling Y N