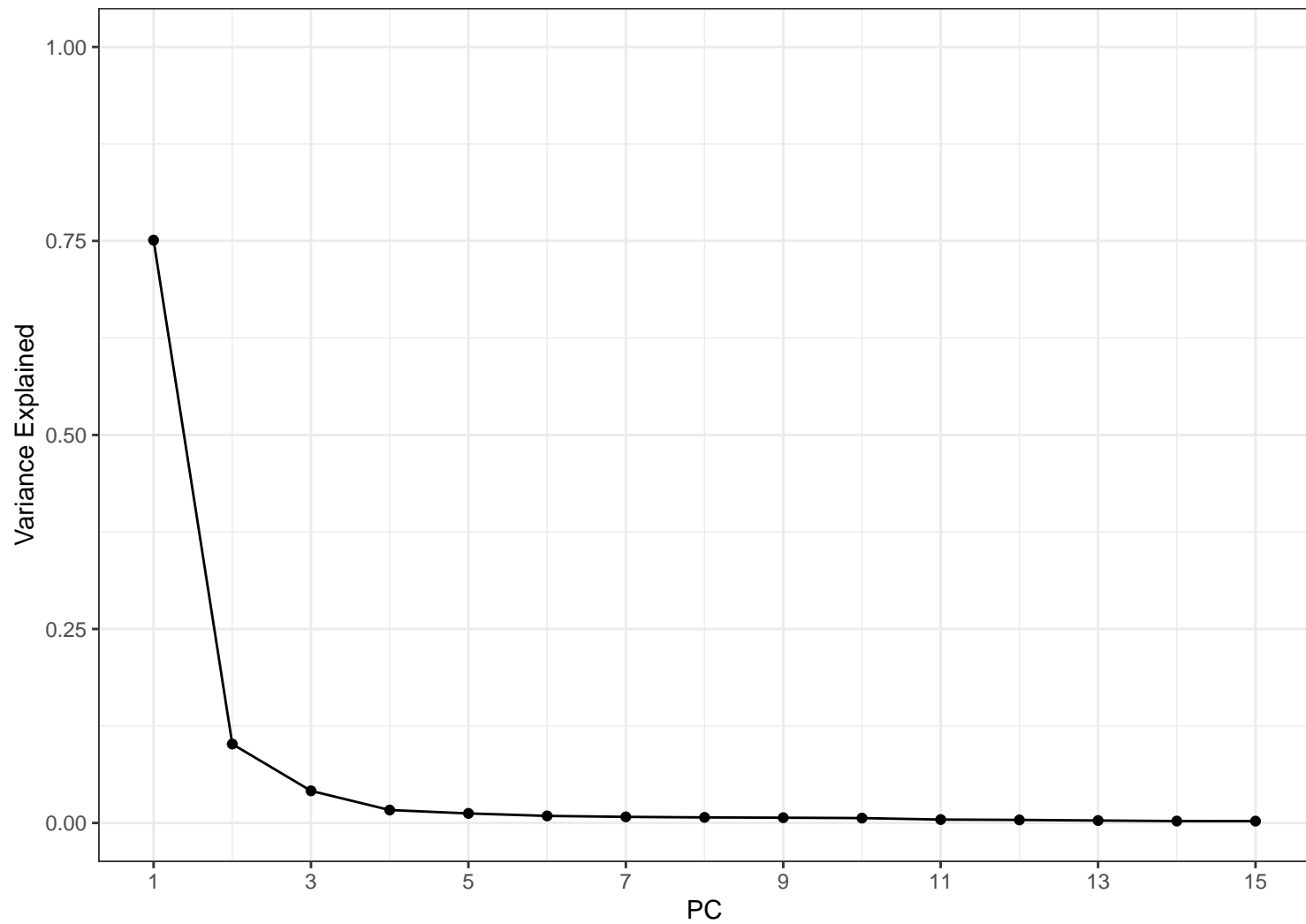


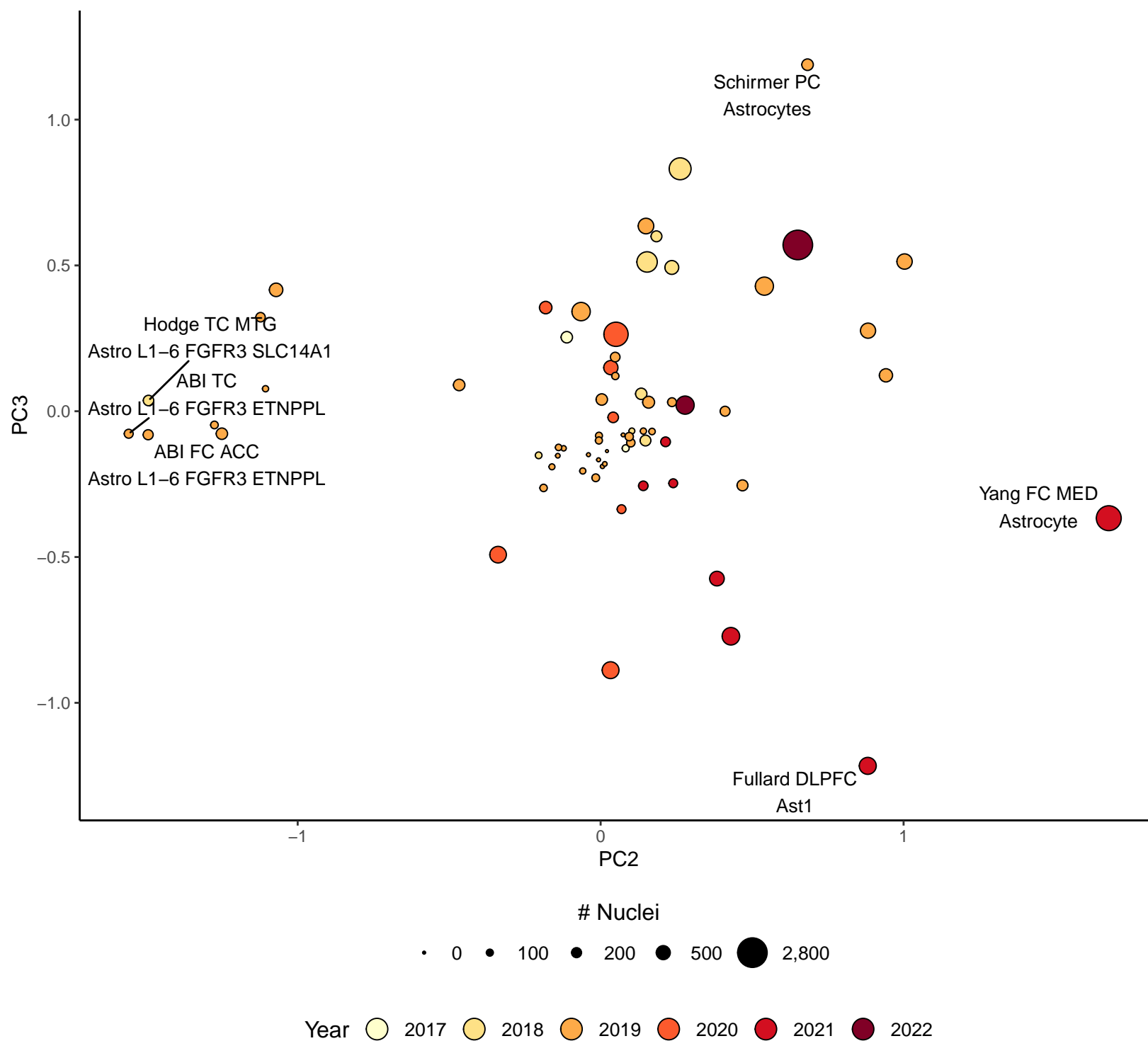
ASC Subtypes Normalized Counts Fidelity Scree Plot

48 cell types, 30 datasets, 3,406 genes



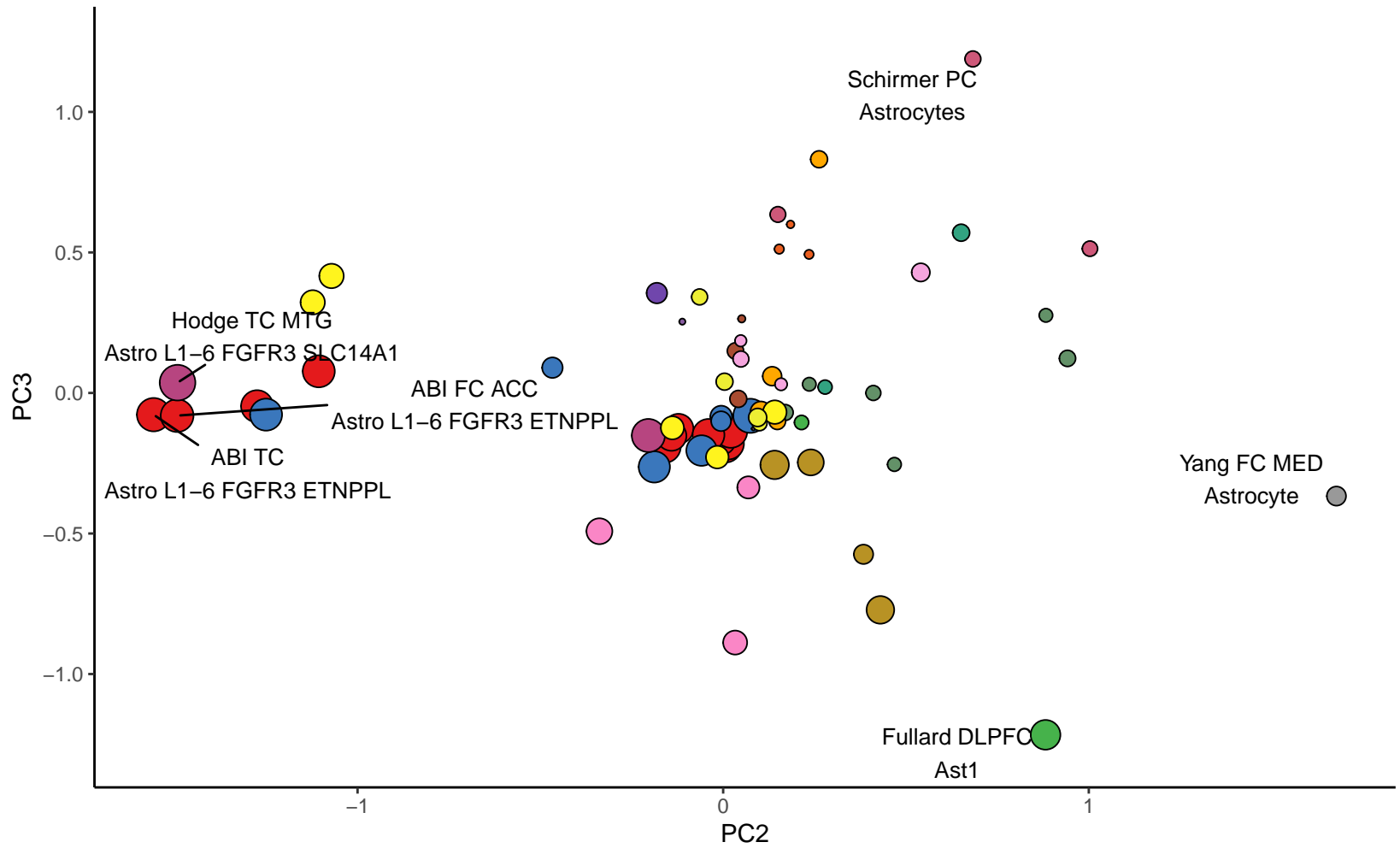
Astrocyte Fidelity

48 cell types found in 30 datasets from 18 studies
3,406 genes



Astrocyte Fidelity

48 cell types found in 30 datasets from 18 studies
3,406 genes



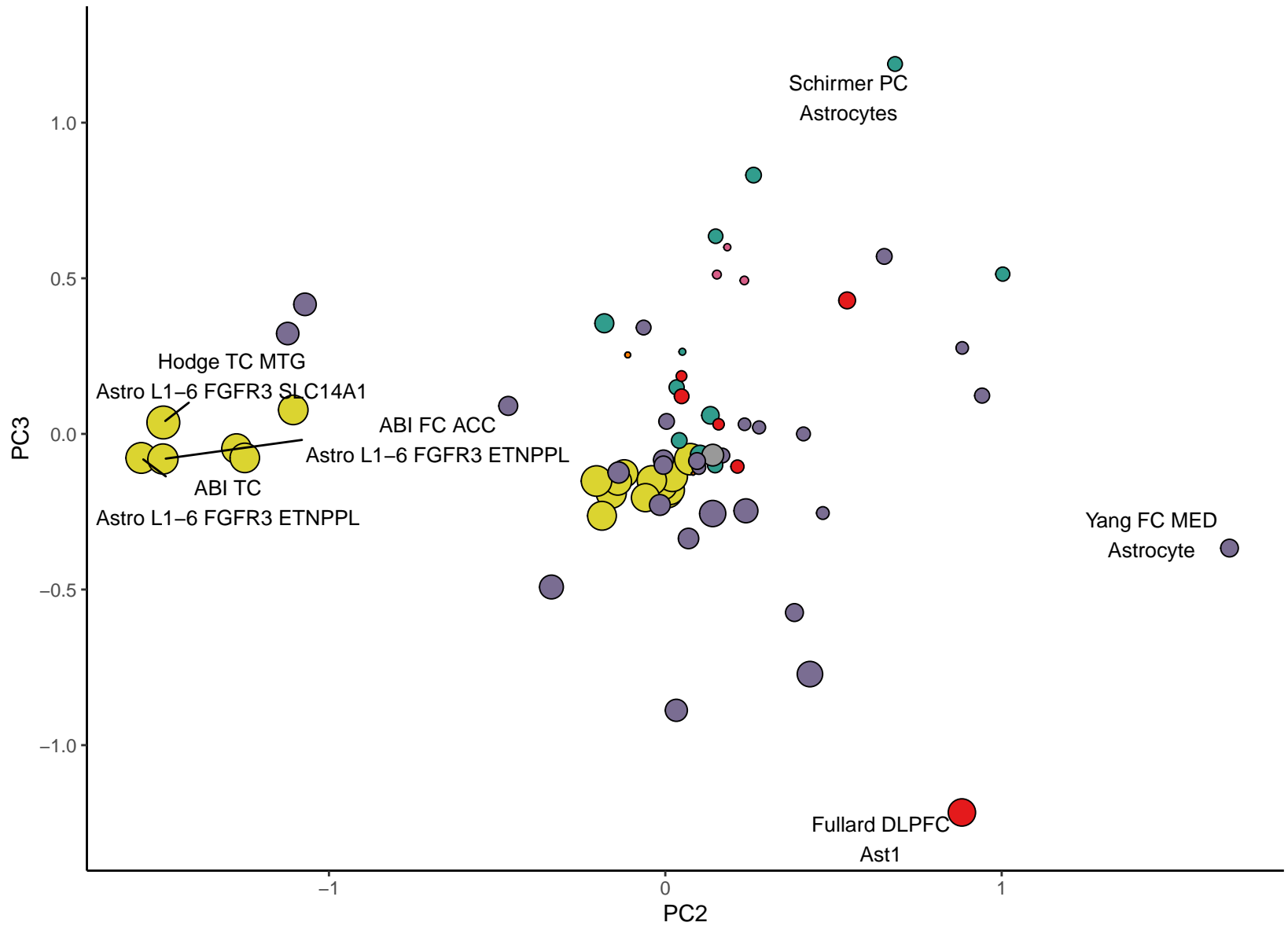
Median # Unique Genes

• 300 • 1,000 • 1,700 • 3,800 • 5,400

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 Fidelity

48 cell types found in 30 datasets from 18 studies
3,406 genes



Median # Unique Genes

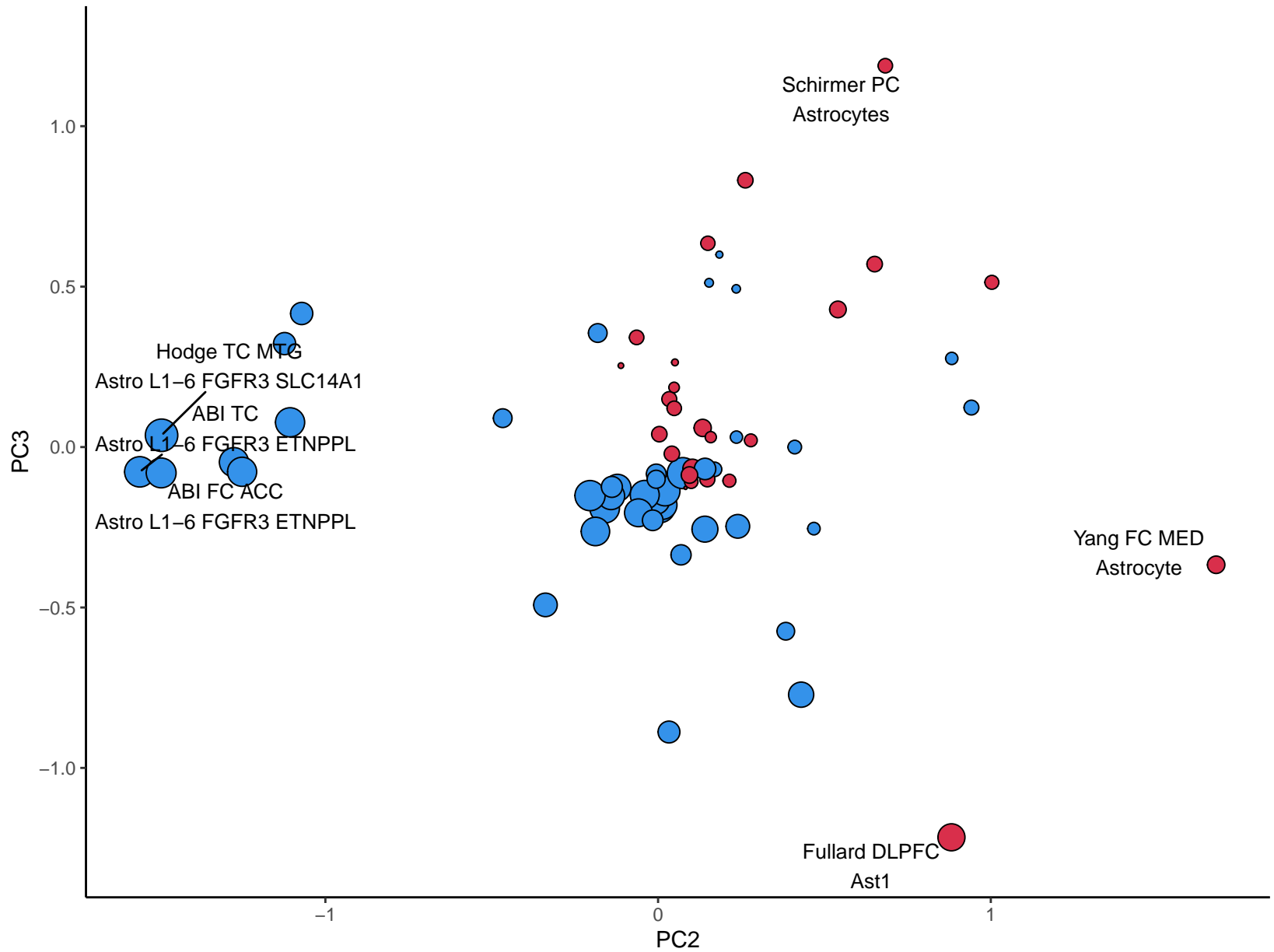
• 400 • 1,000 • 3,000 • 5,000

Platform

10x Chromium	10x Chromium V3	SMART-Seq v4	snmCAT-seq
10x Chromium V2	DroNc-seq	snDrop-seq	

Astrocyte Fidelity

48 cell types found in 30 datasets from 18 studies
3,406 genes



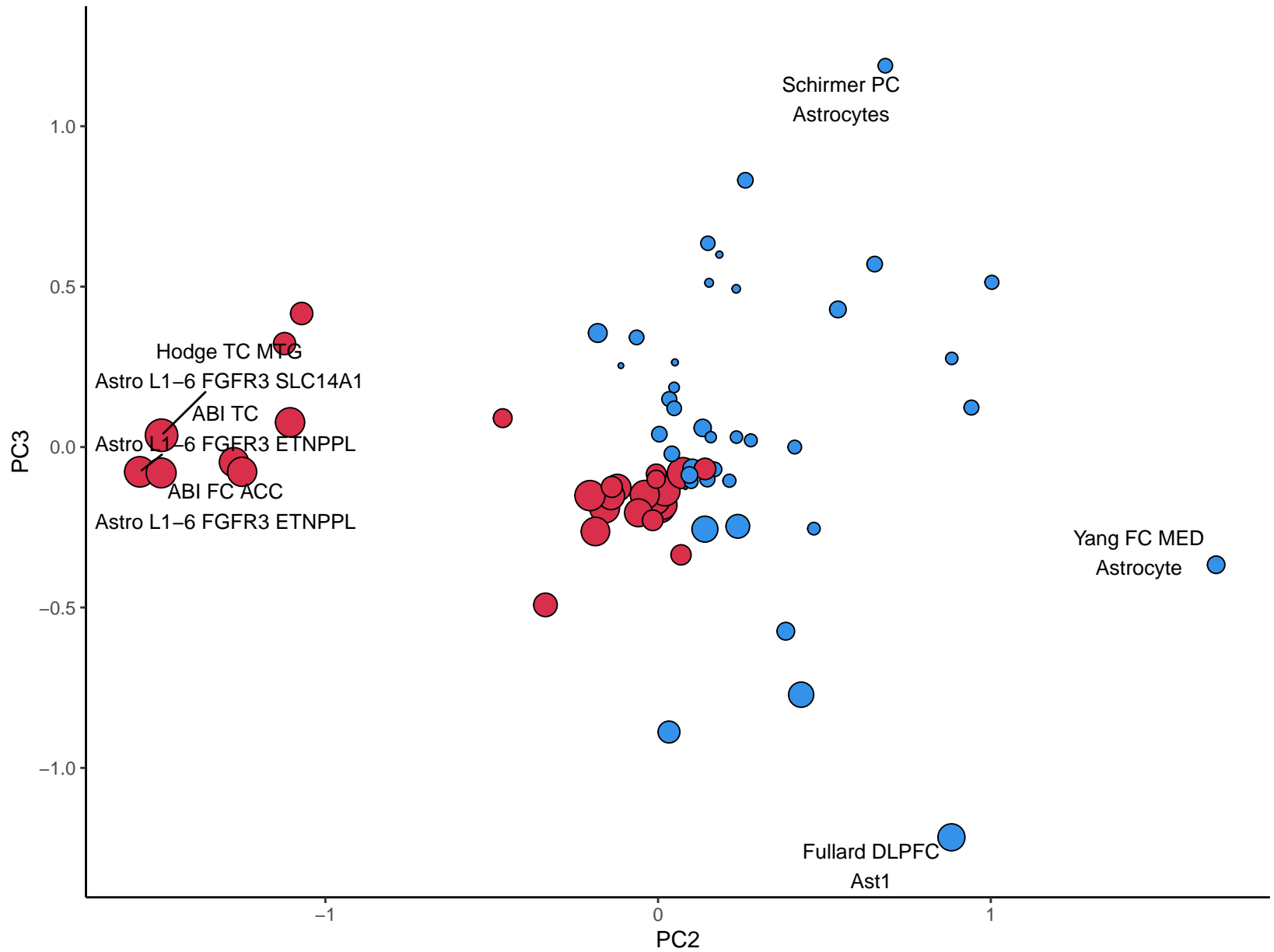
Median # Unique Genes

• 500 • 1,000 • 5,000 • 5,000

FACS Y N

Astrocyte Fidelity

48 cell types found in 30 datasets from 18 studies
3,406 genes



Median # Unique Genes

• 500 • 1,000 • 5,000 • 5,000

Unbiased Sampling Y N