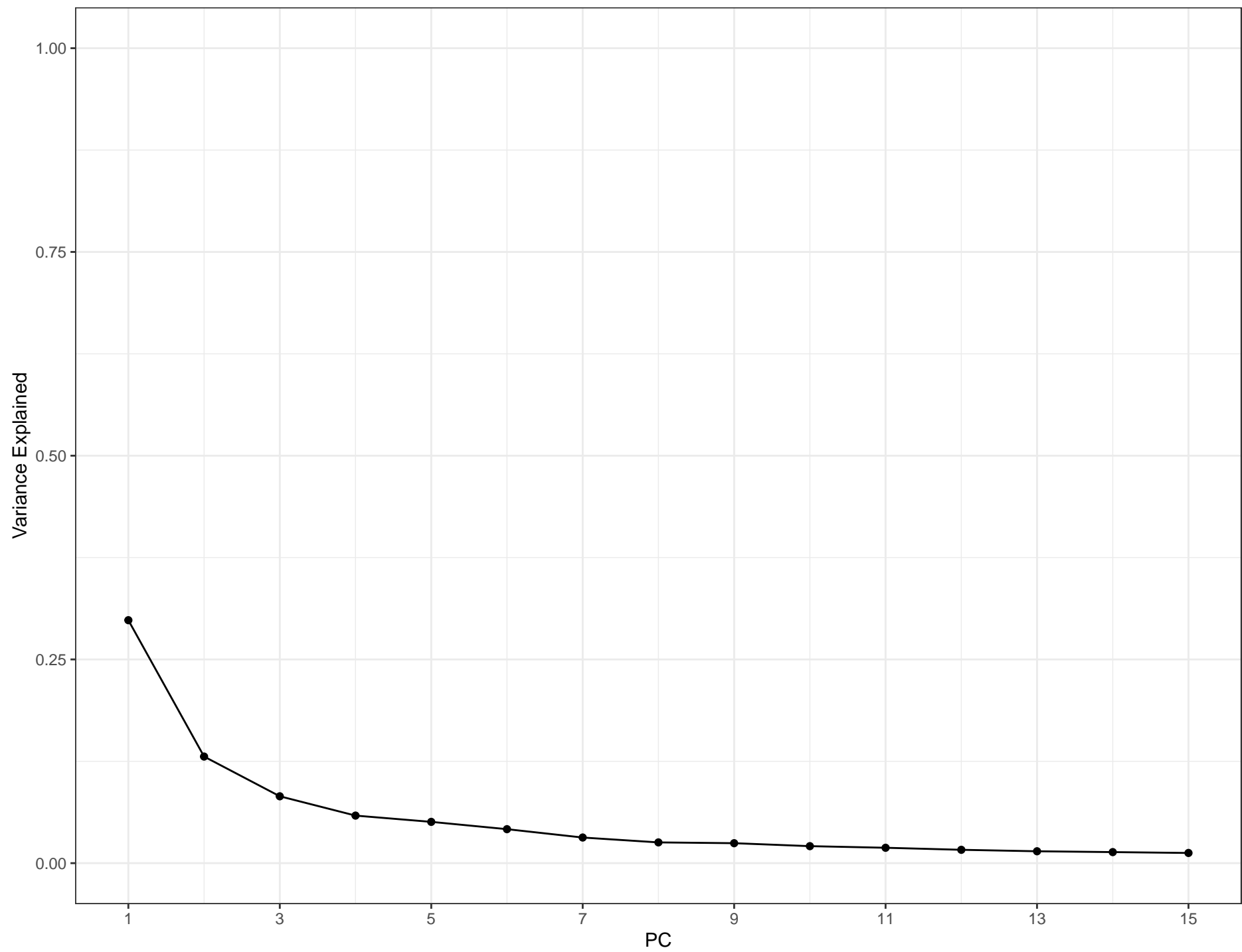
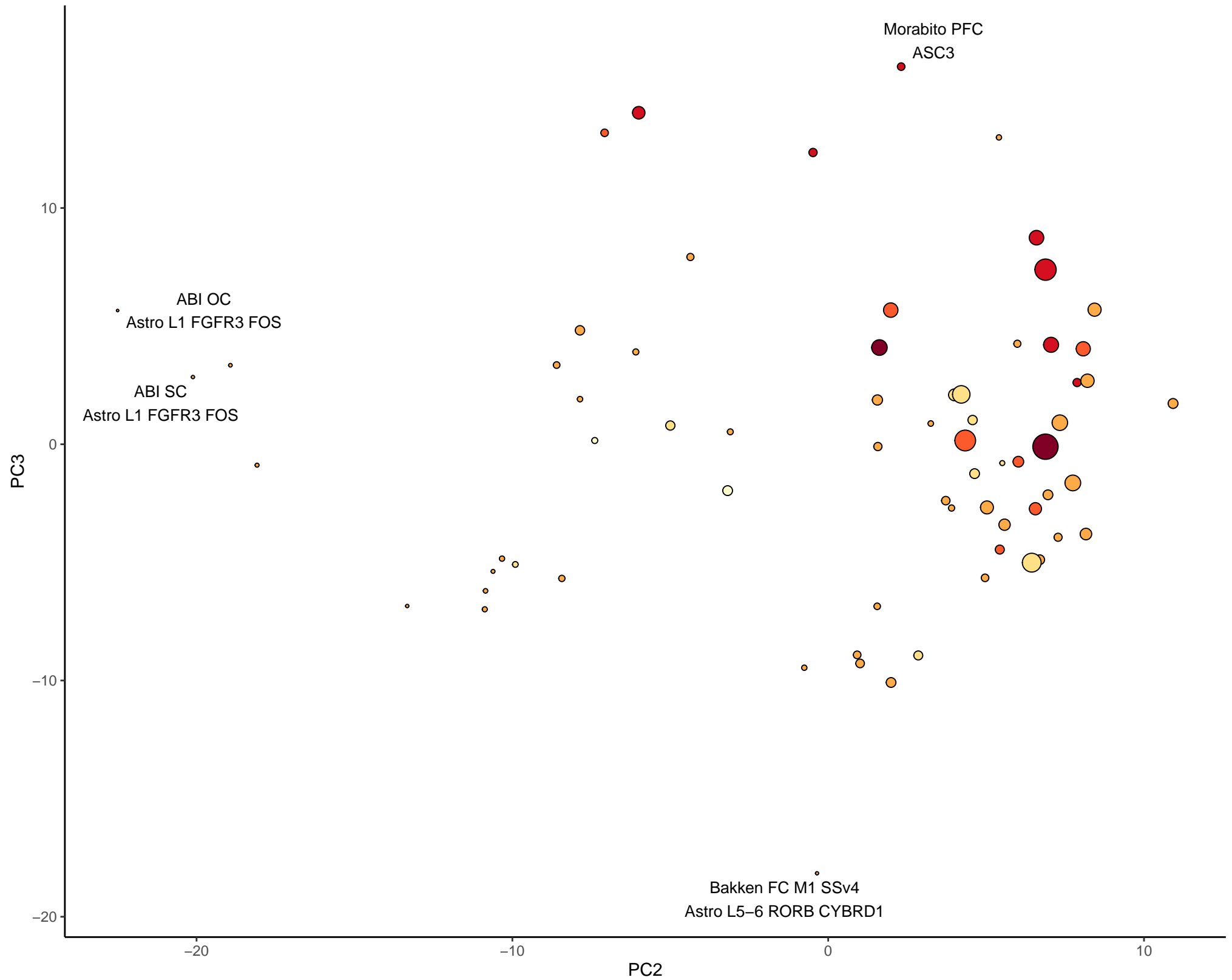


ASC Subtypes
Normalized Counts Mean Expression Scree Plot
48 cell types, 30 datasets, 8,723 genes



Astrocyte Mean Expression

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



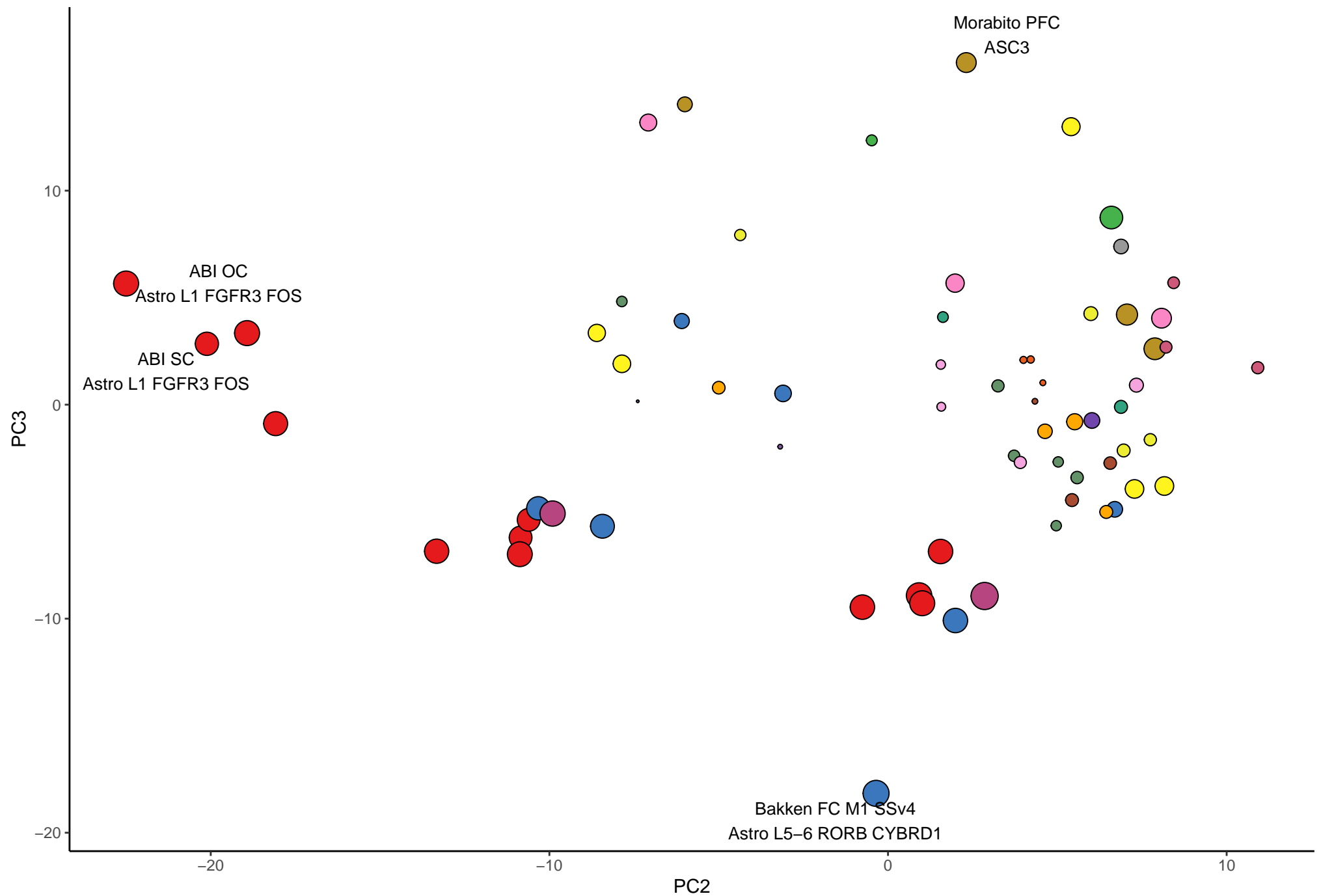
Nuclei

• 4 • 100 • 500 • 1,000 • 2,000

Year 2017 2018 2019 2020 2021 2022

Astrocyte Mean Expression

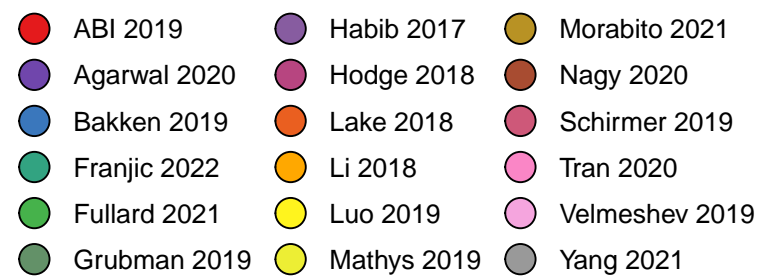
48 cell types found in 30 datasets from 18 studies
8,723 genes



Median # Unique Genes

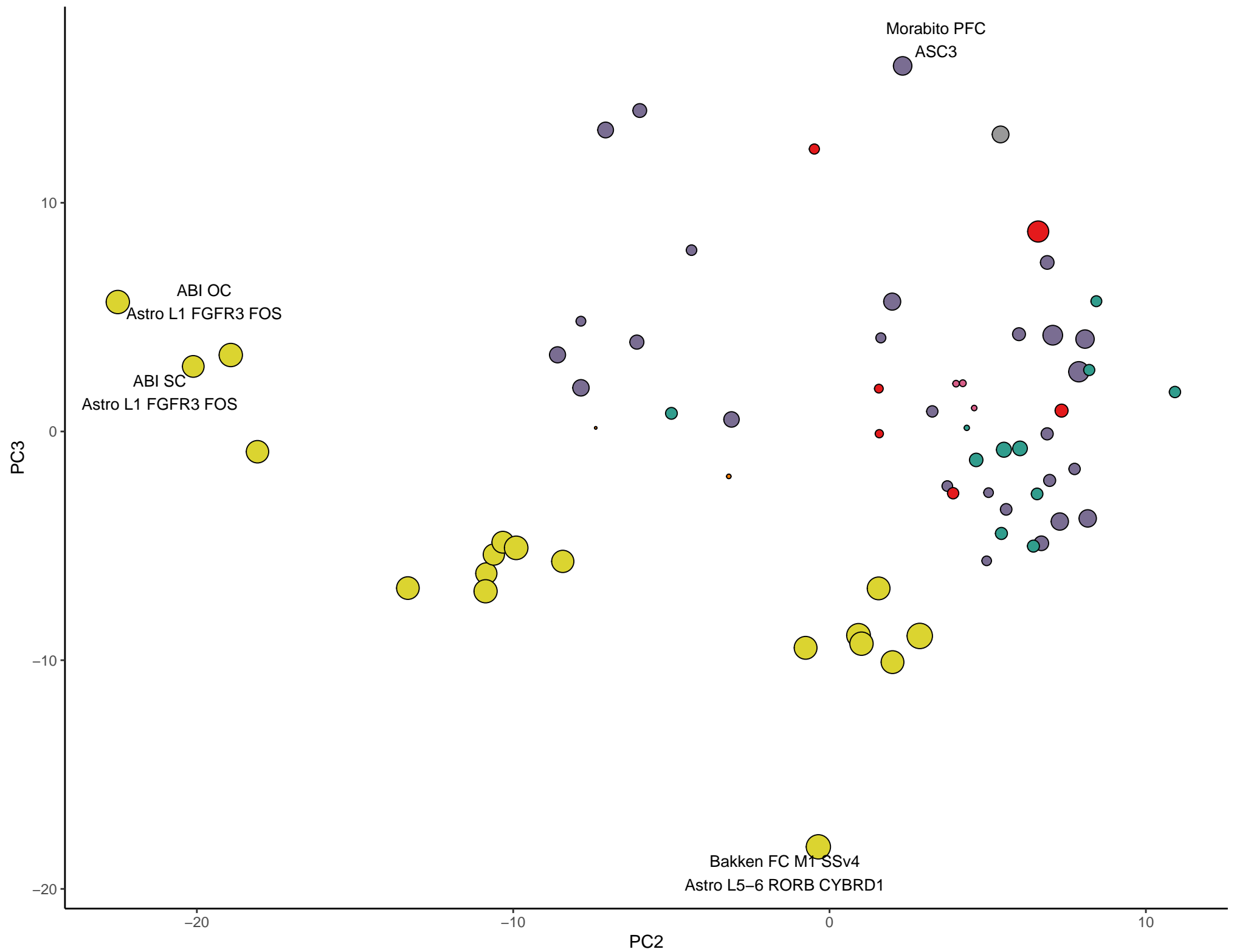
• 300 • 1,000 • 1,700 • 3,800 • 5,400

Study



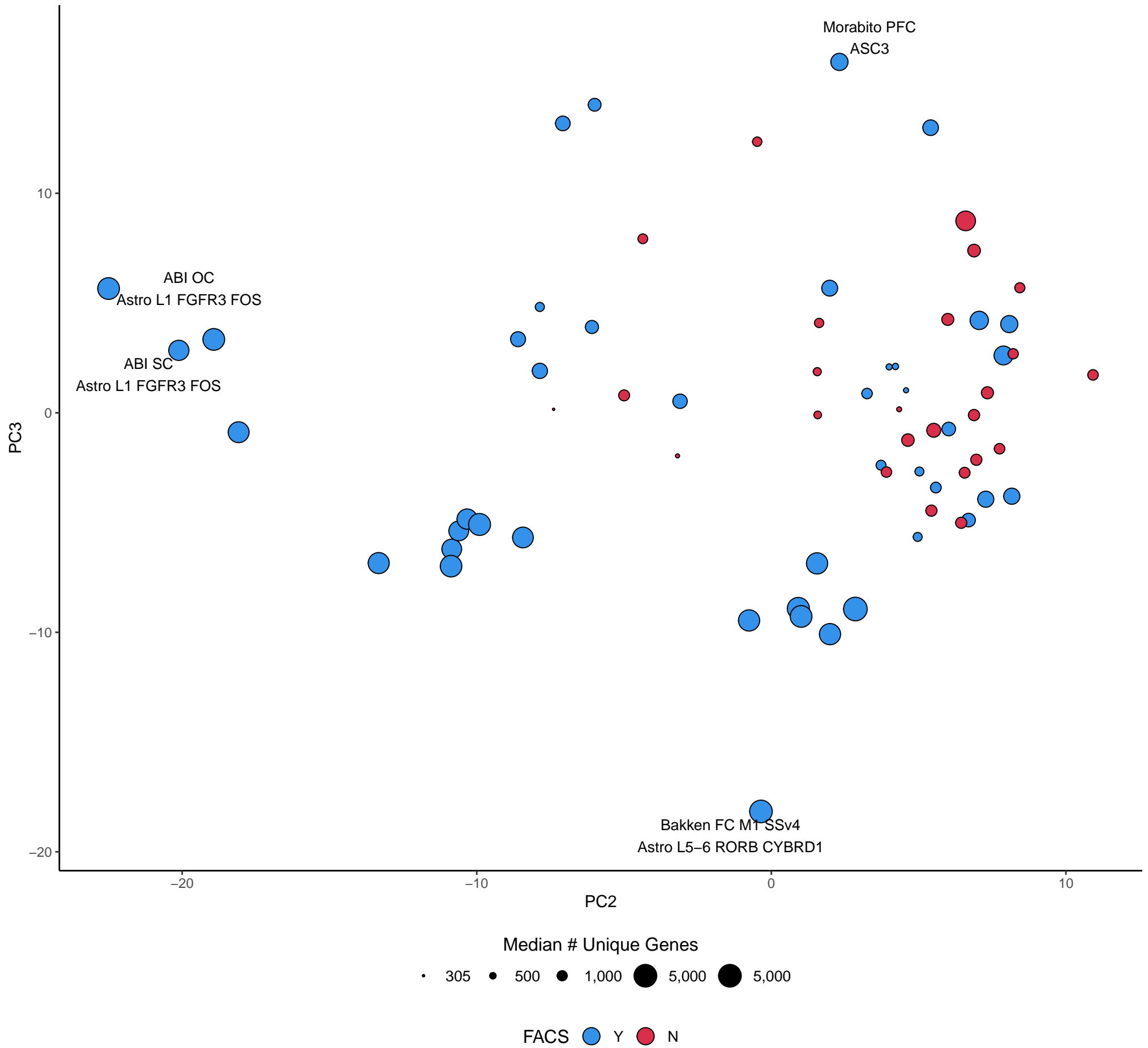
Astrocyte Mean Expression

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



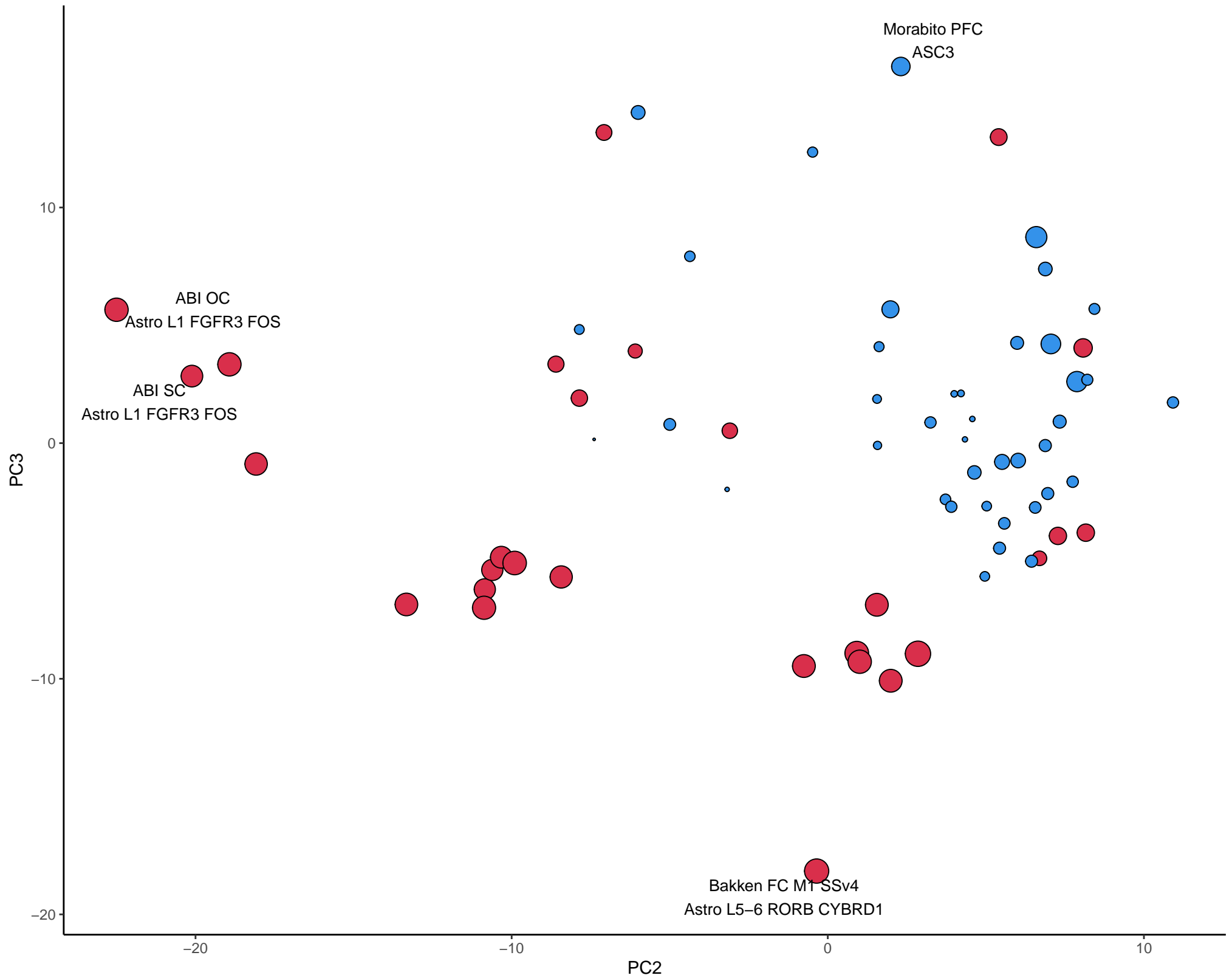
Astrocyte Mean Expression

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



Astrocyte Mean Expression

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