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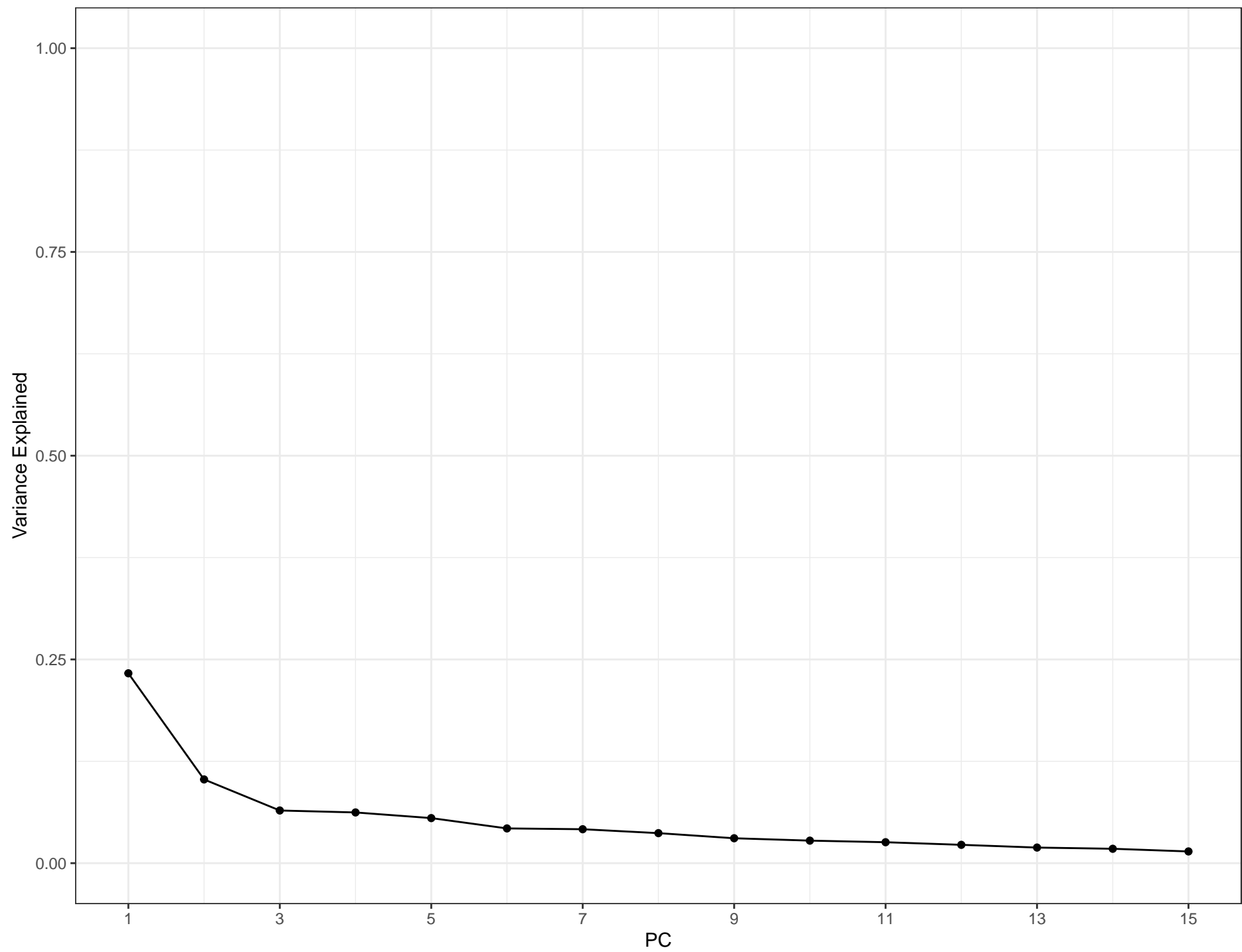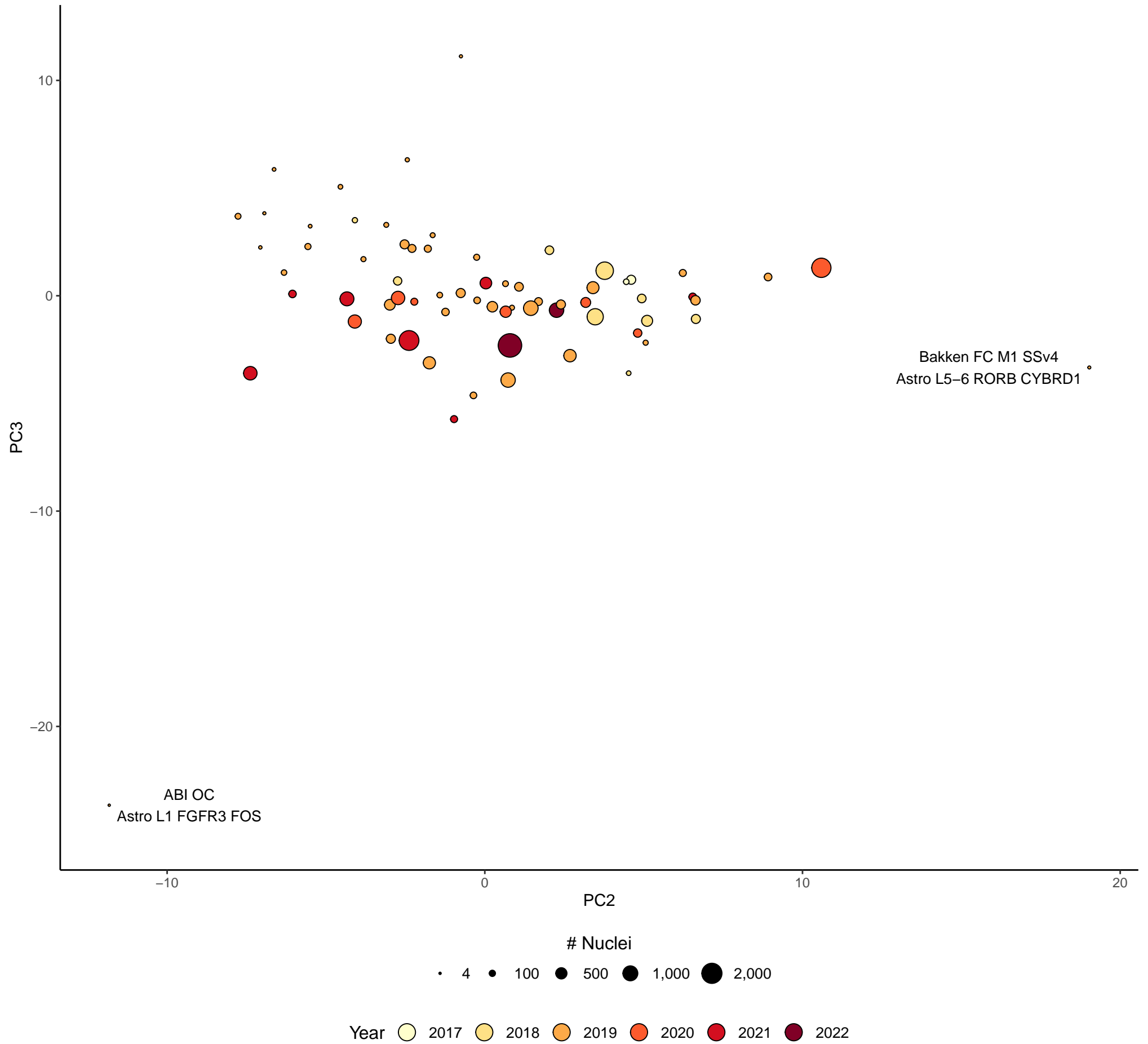**Normalized Counts Mean Expression Scree Plot**
48 cell types, 30 datasets, 8,723 genes

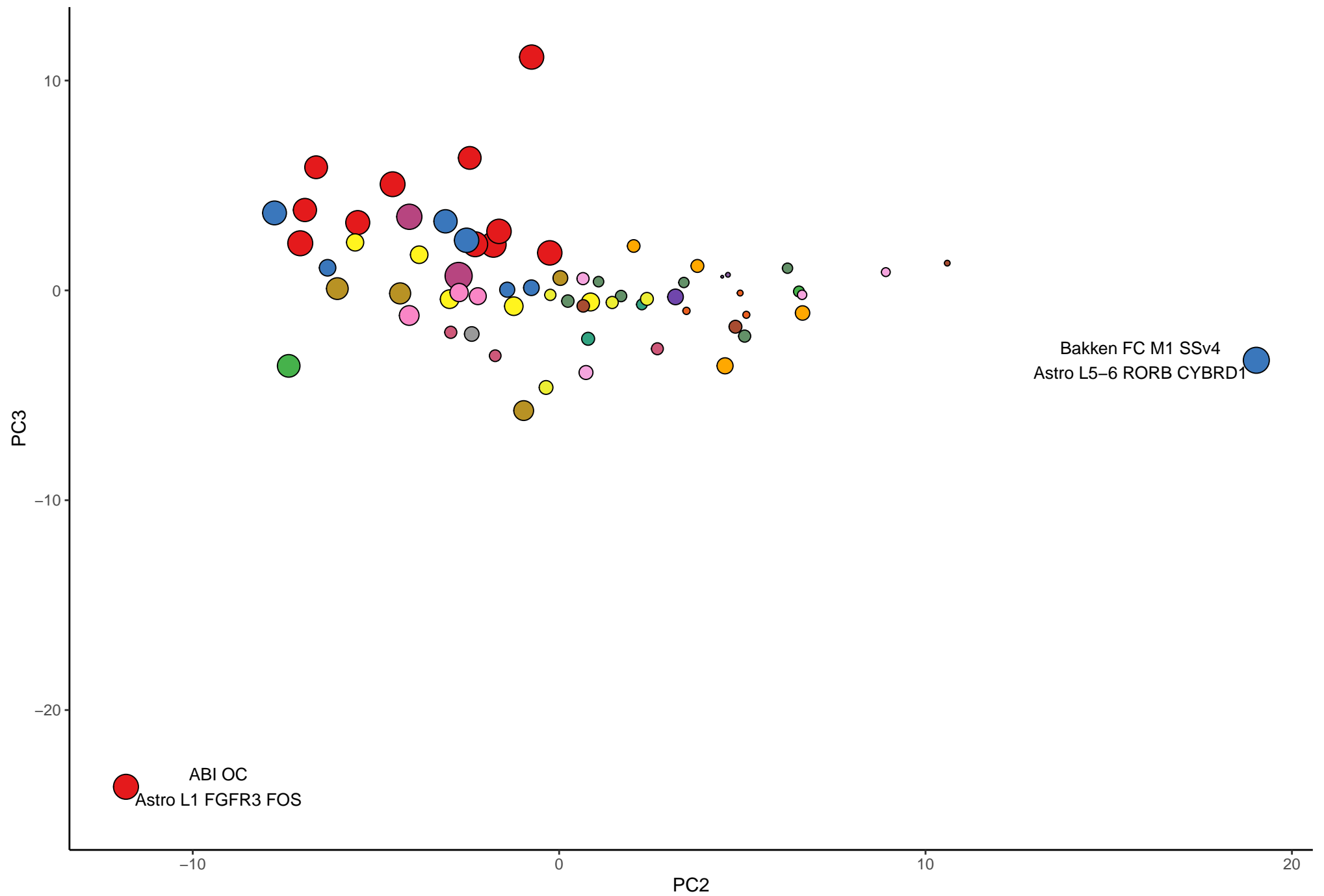**Astrocyte Batch Corrected Mean Expression**

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

Astrocyte Batch Corrected Mean Expression

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

Bakken FC M1 SSv4
Astro L5–6 RORB CYBRD1

ABI OC
Astro L1 FGFR3 FOS

PC3

PC2

Median # Unique Genes

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

Study

ABI 2019
Agarwal 2020
Bakken 2019
Franjic 2022
Fullard 2021
Grubman 2019

Habib 2017
Hodge 2018
Lake 2018
Li 2018
Luo 2019
Mathys 2019

Morabito 2021
Nagy 2020
Schirmer 2019
Tran 2020
Velmeshev 2019
Yang 2021

Astrocyte Batch Corrected Mean Expression

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Bakken FC M1 SSv4
Astro L5–6 RORB CYBRD1
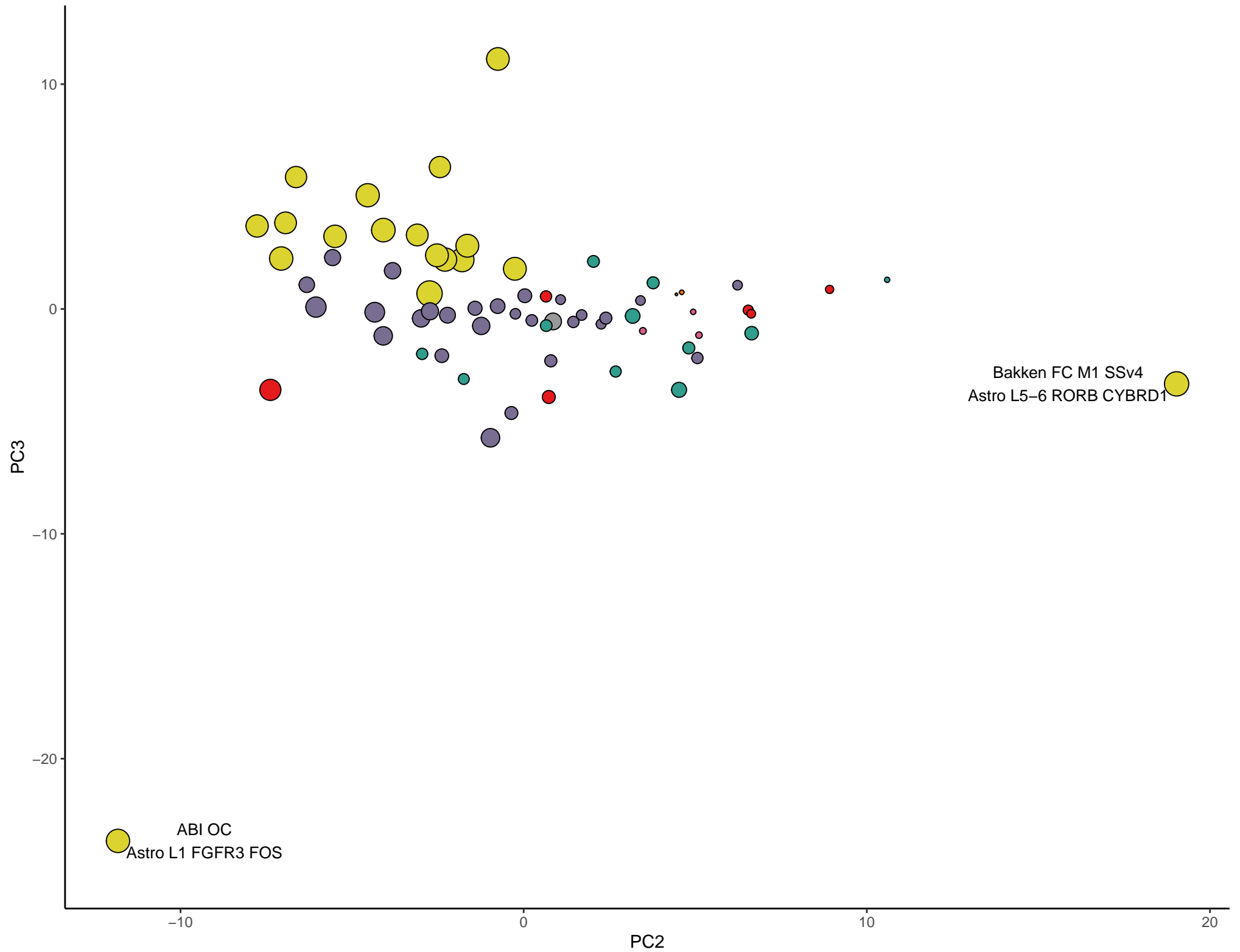
ABI OC
Astro L1 FGFR3 FOS
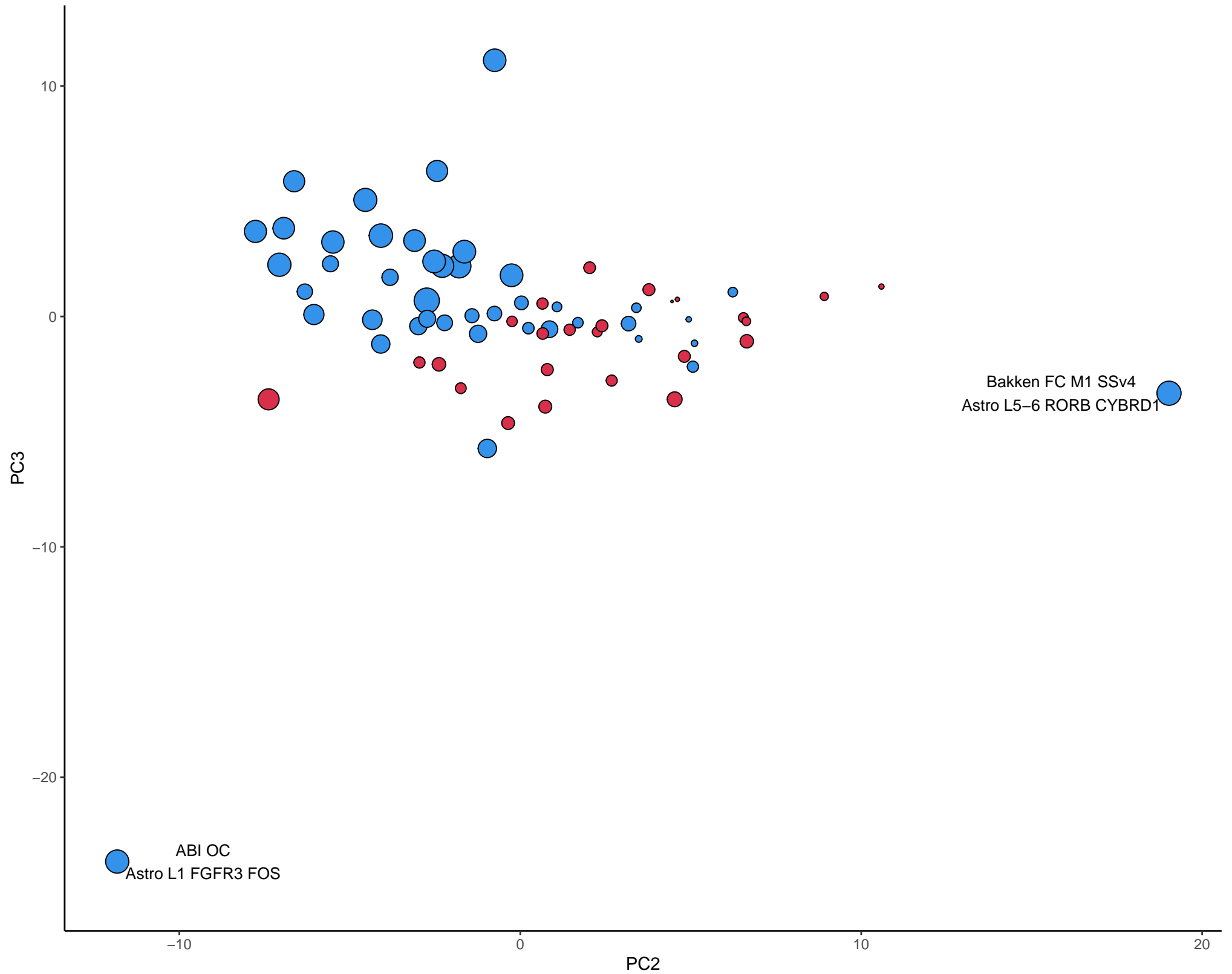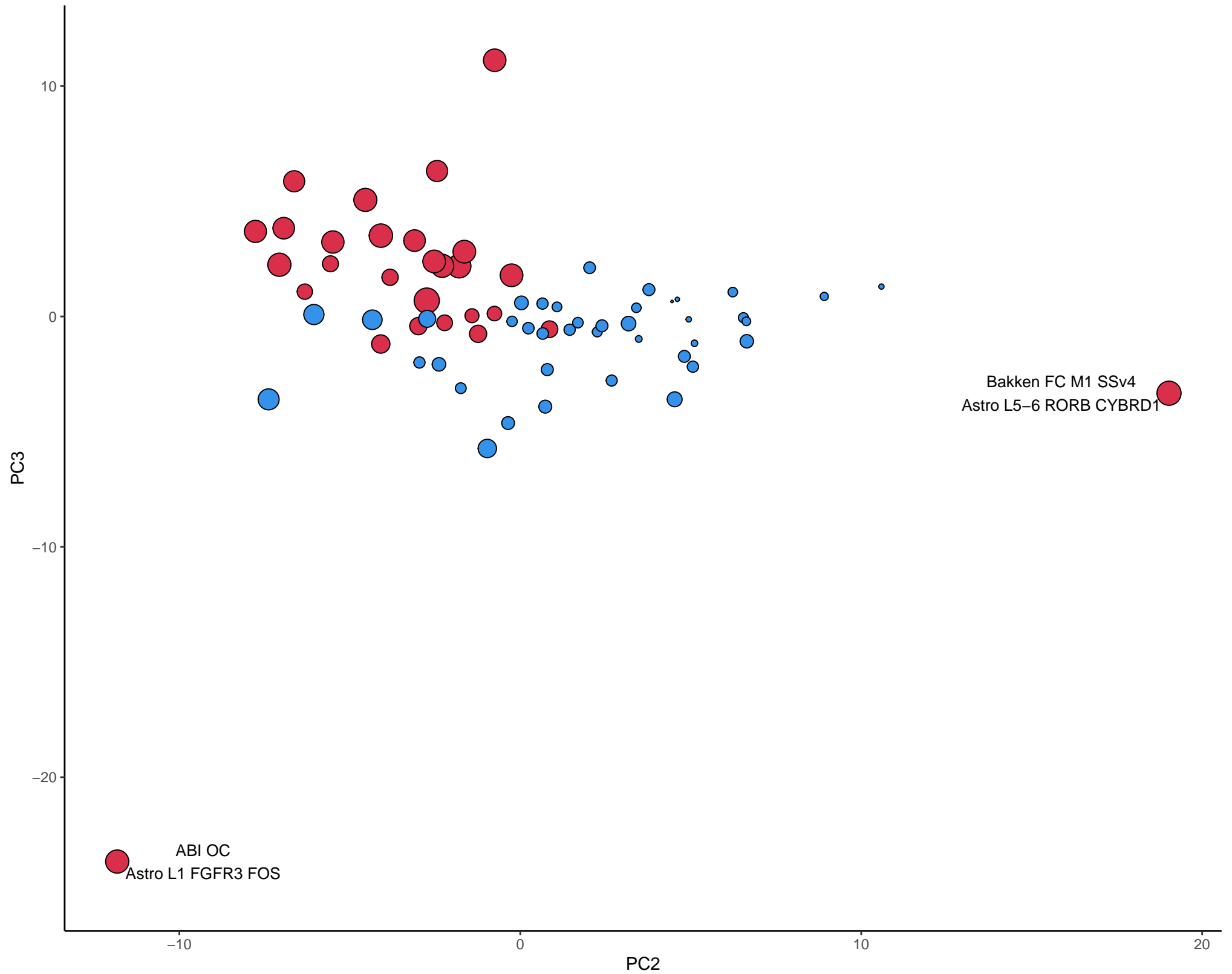
Median # Unique Genes

· 305   • 500   ● 1,000   ● 5,000   ● 5,000

FACS ● Y   ● N

Astrocyte Batch Corrected Mean Expression

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