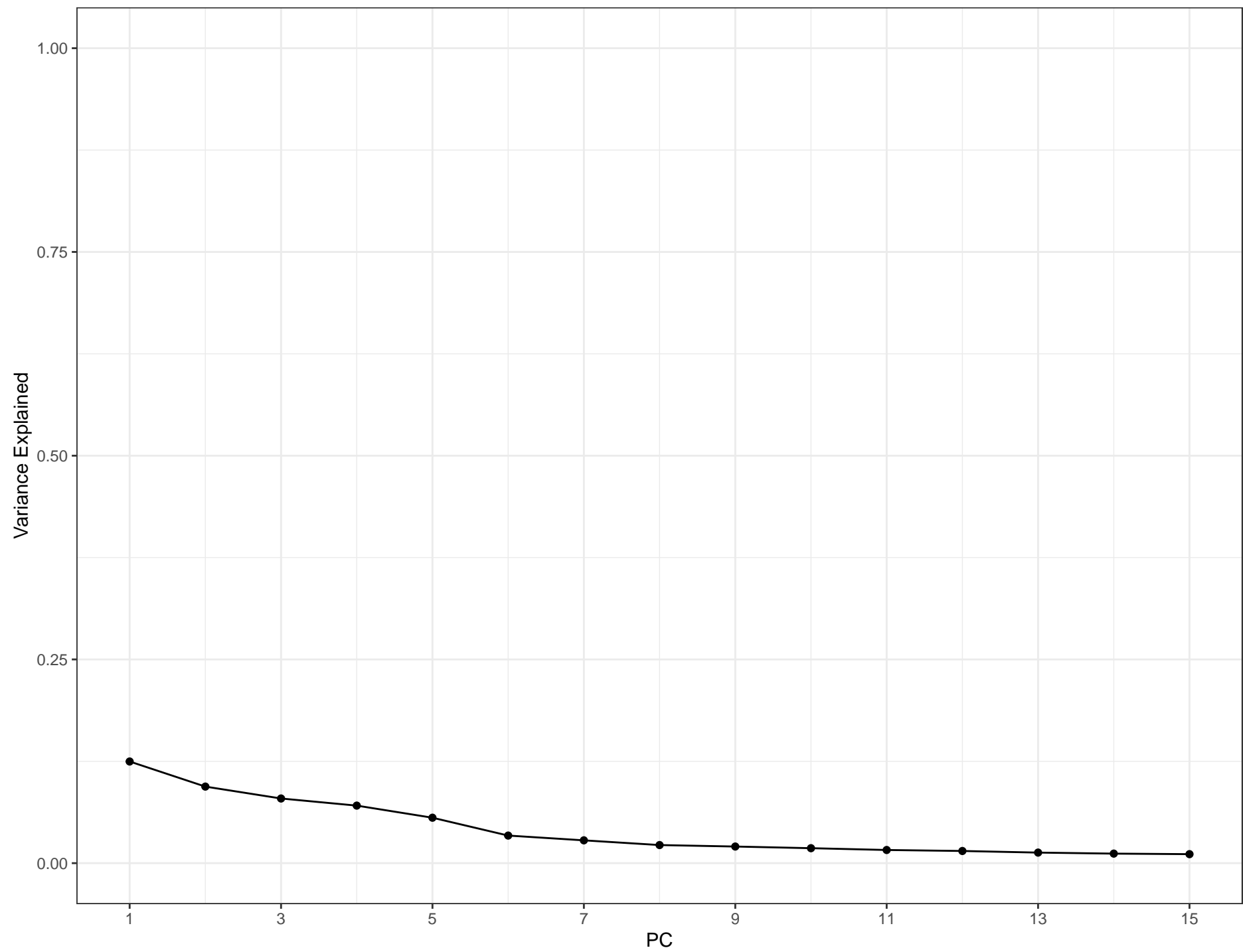
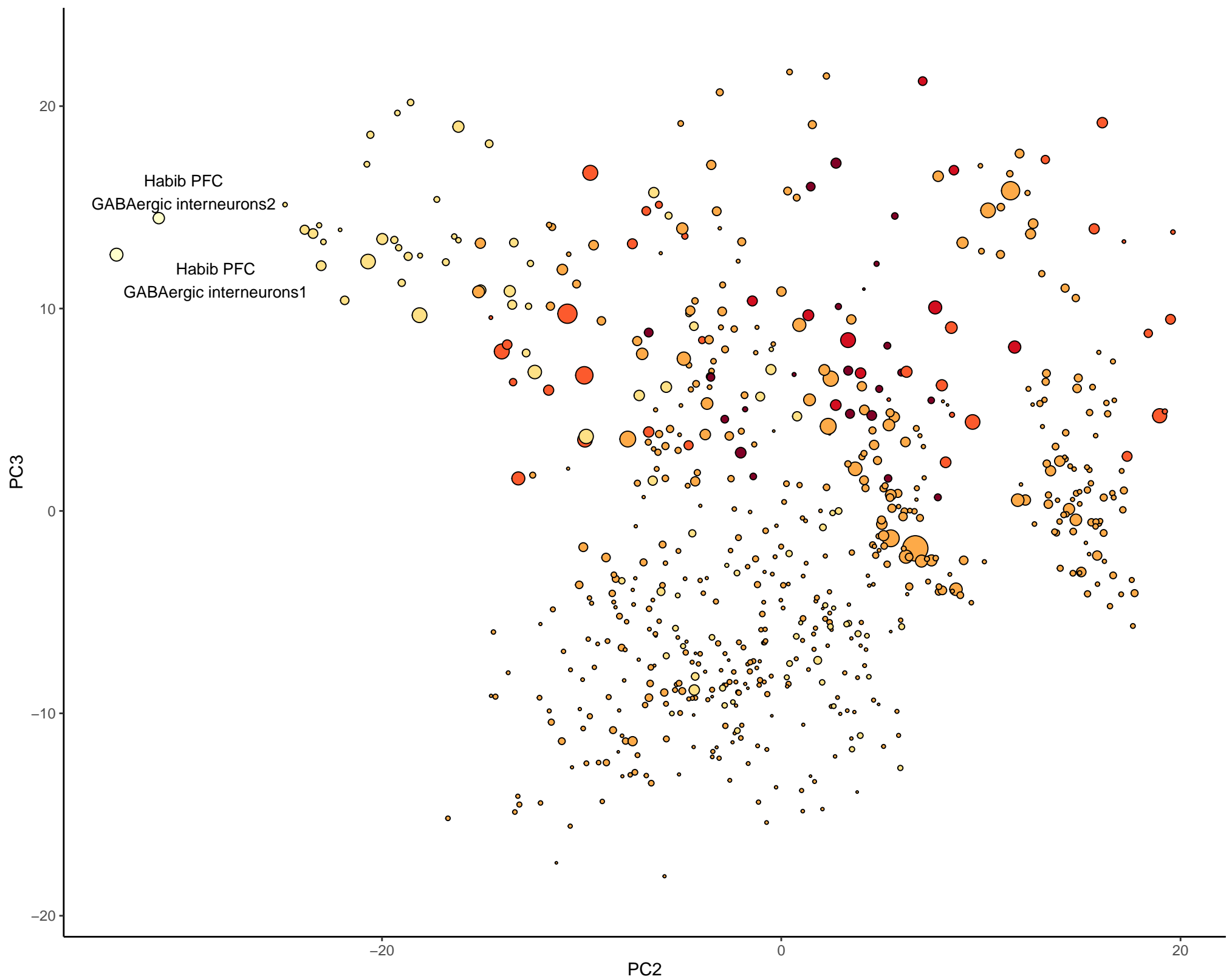


**INH Subtypes**  
**Normalized Counts Mean Expression Scree Plot**  
328 cell types, 29 datasets, 8,723 genes



# Inhibitory Neuron Mean Expression

328 cell types found in 29 datasets from 17 studies  
8,723 genes



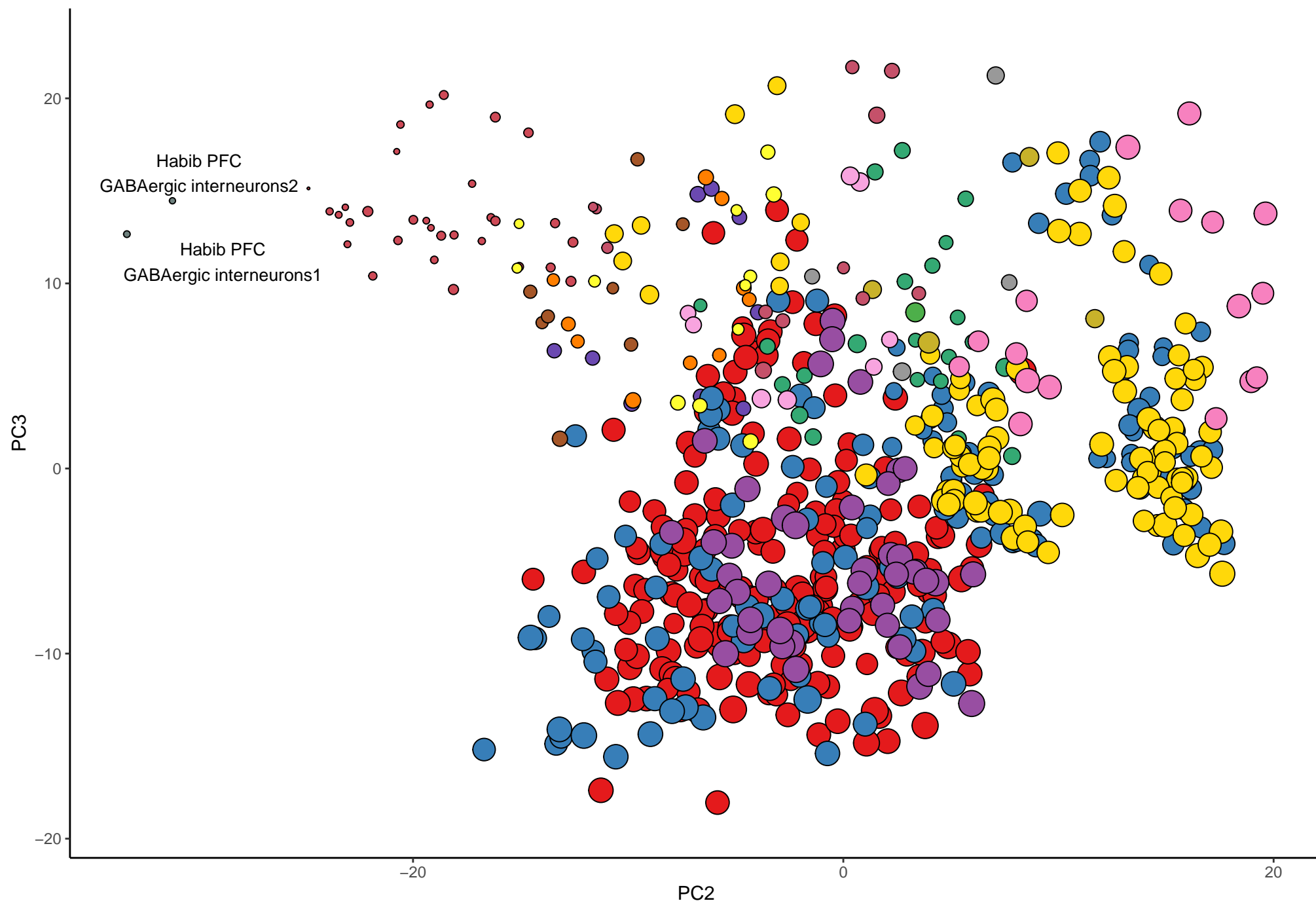
# Nuclei

• 1 • 100 • 500 • 1,000 • 3,000

Year • 2017 • 2018 • 2019 • 2020 • 2021 • 2022

# Inhibitory Neuron Mean Expression

328 cell types found in 29 datasets from 17 studies  
8,723 genes



Median # Unique Genes

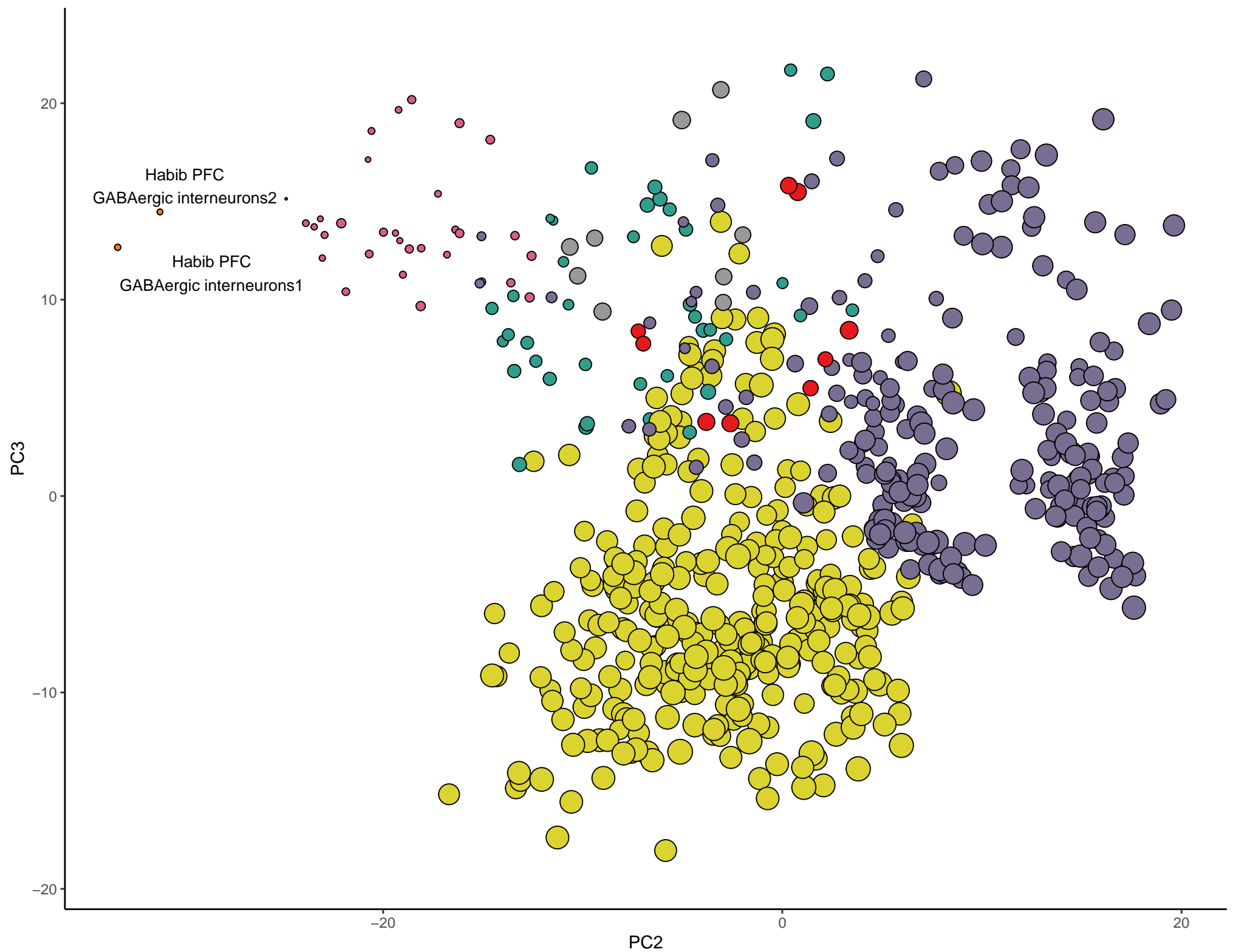
• 400    ● 3,900    ● 5,200    ● 5,900    ● 7,900

Study

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

# Inhibitory Neuron Mean Expression

328 cell types found in 29 datasets from 17 studies  
8,723 genes



Median # Unique Genes

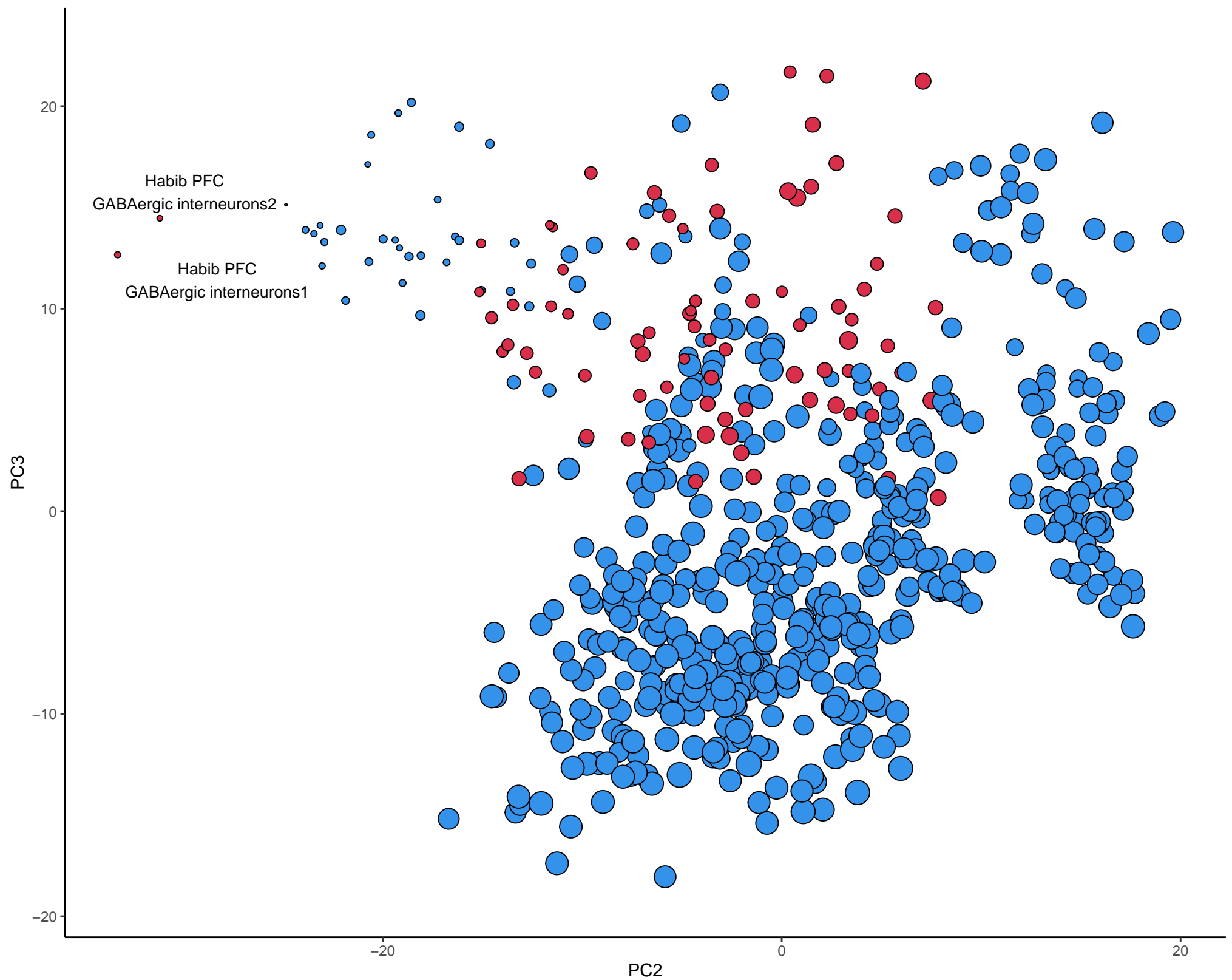
• 500 • 1,000 • 3,000 • 6,000 • 7,000

Platform

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

# Inhibitory Neuron Mean Expression

328 cell types found in 29 datasets from 17 studies  
8,723 genes



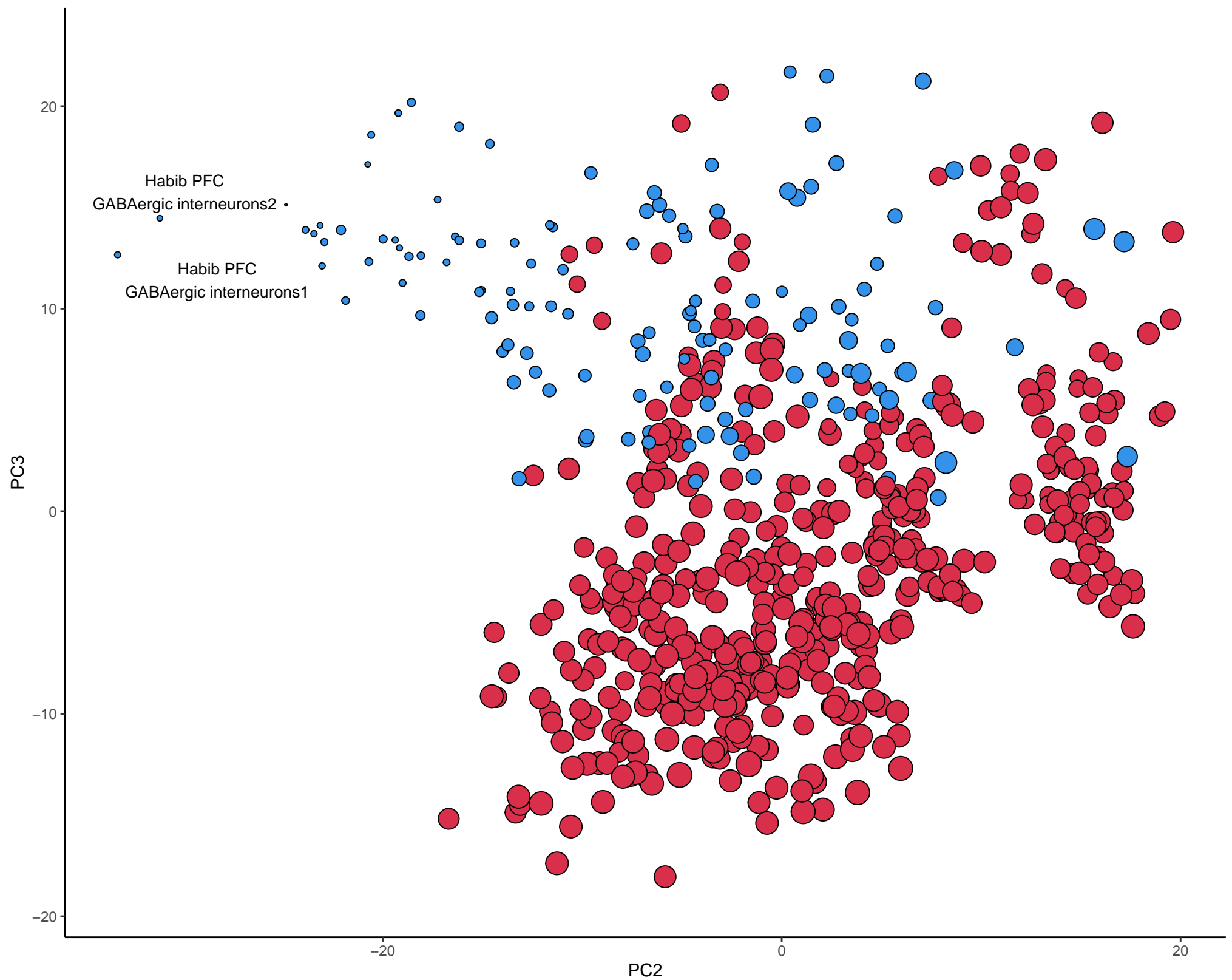
Median # Unique Genes

• 433 • 500 • 1,000 • 5,000 • 7,000

FACS Y N

# Inhibitory Neuron Mean Expression

328 cell types found in 29 datasets from 17 studies  
8,723 genes



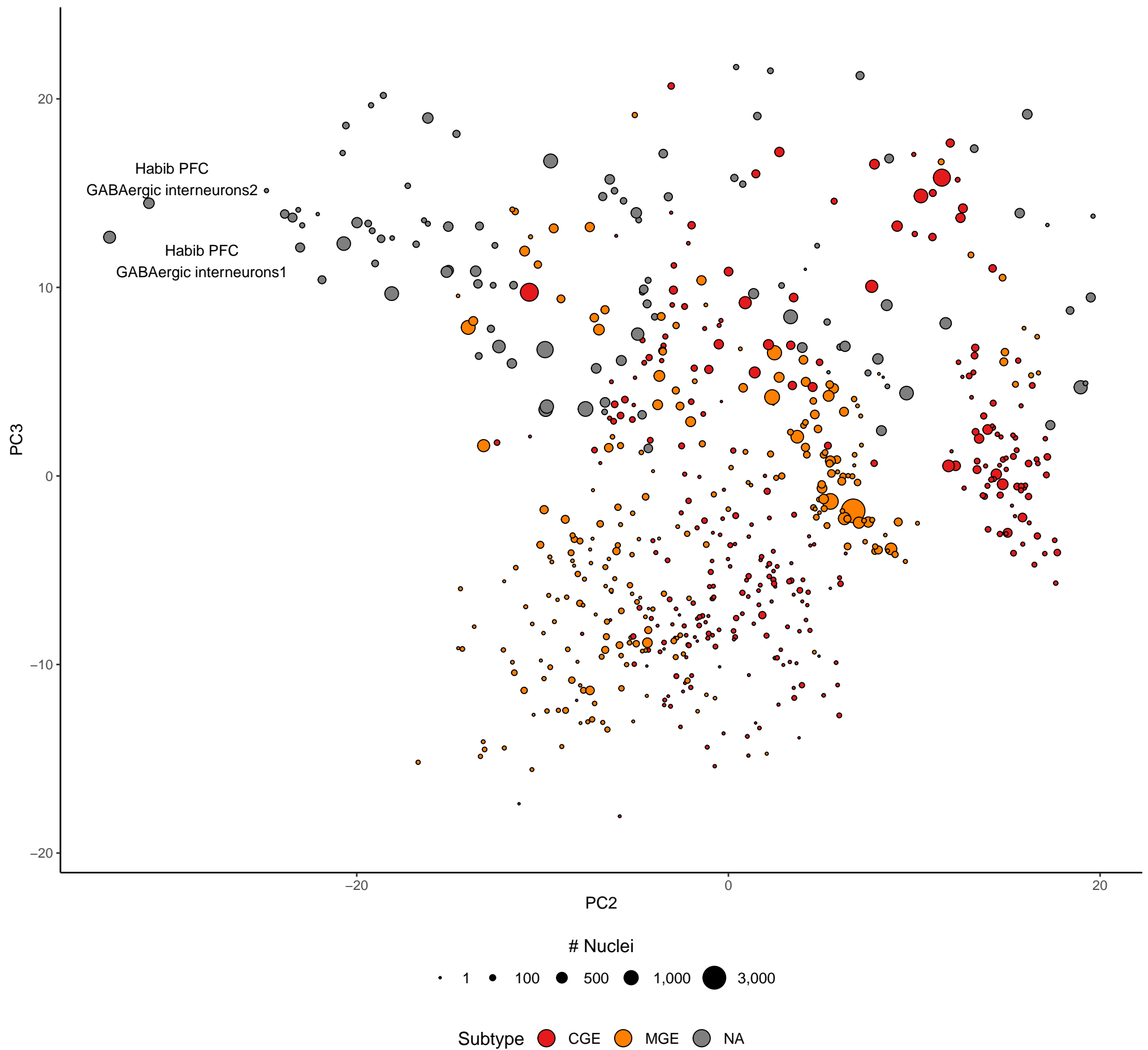
Median # Unique Genes

• 433 • 500 • 1,000 • 5,000 • 7,000

Unbiased Sampling Y N

# Inhibitory Neuron Mean Expression

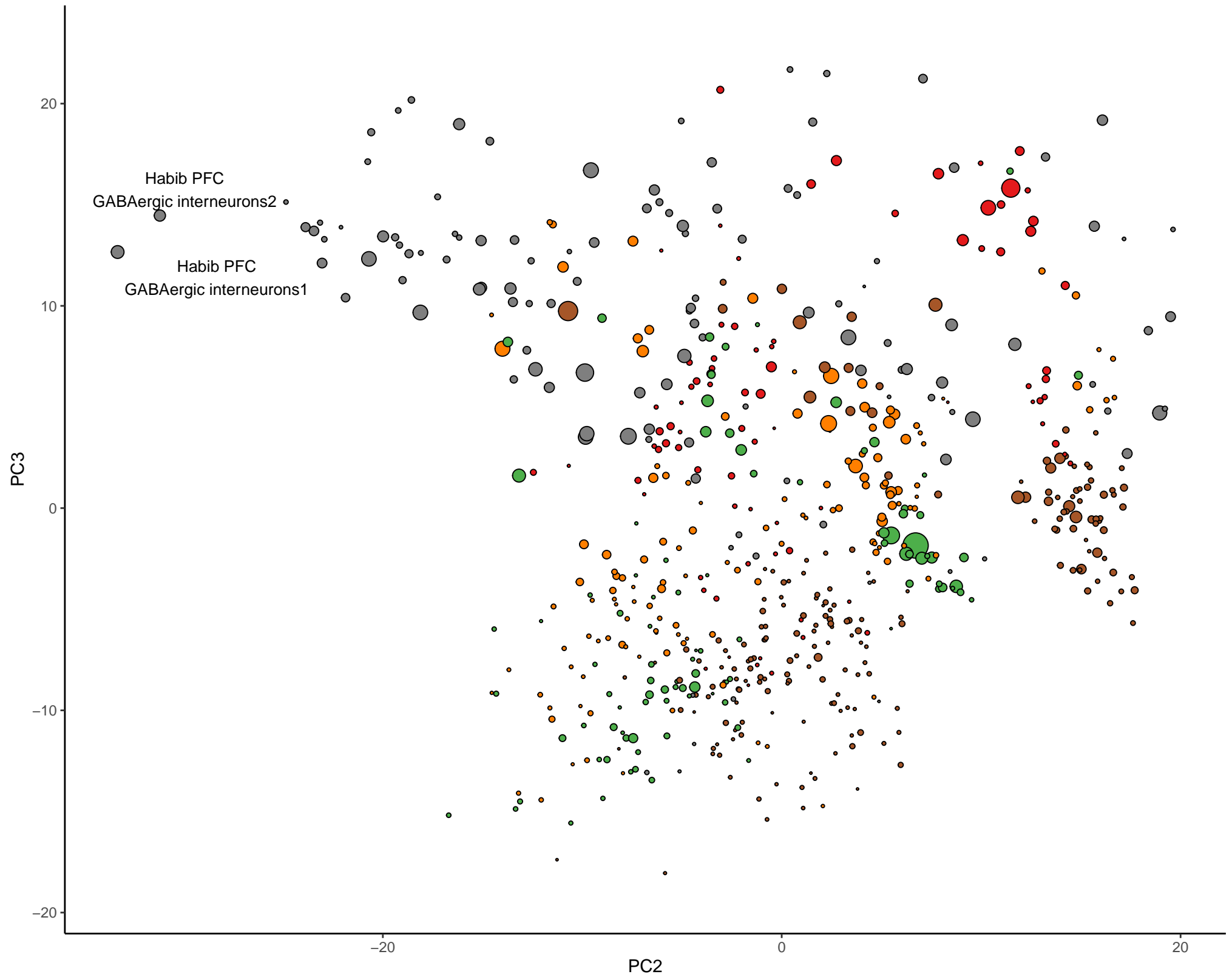
328 cell types found in 29 datasets from 17 studies  
8,723 genes



# Inhibitory Neuron Mean Expression

328 cell types found in 29 datasets from 17 studies

8,723 genes



# Nuclei

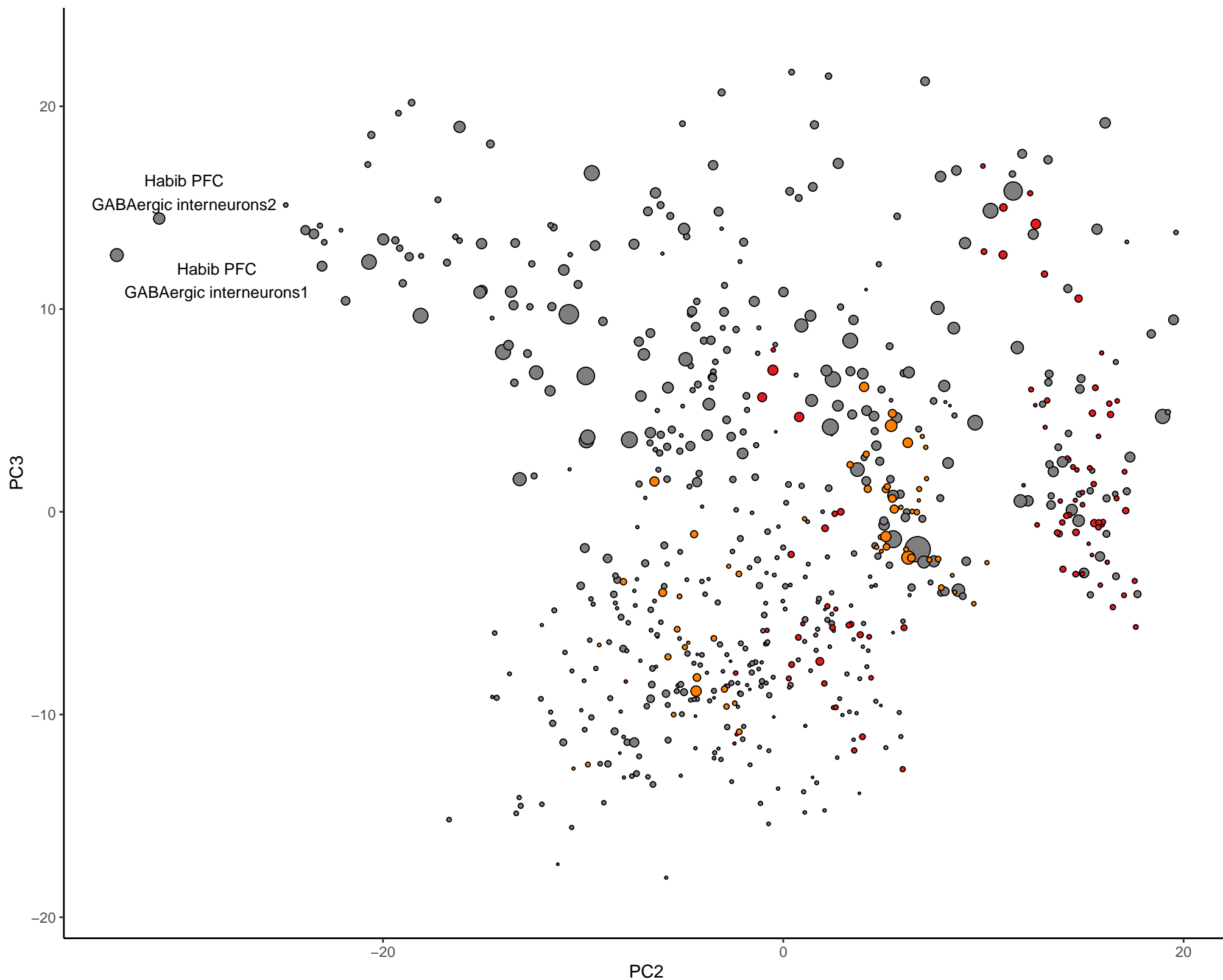
• 1 • 100 • 500 • 1,000 • 3,000

Subtype LAMP5/PAX6 PVALB SST VIP NA



# Inhibitory Neuron Mean Expression

328 cell types found in 29 datasets from 17 studies  
8,723 genes



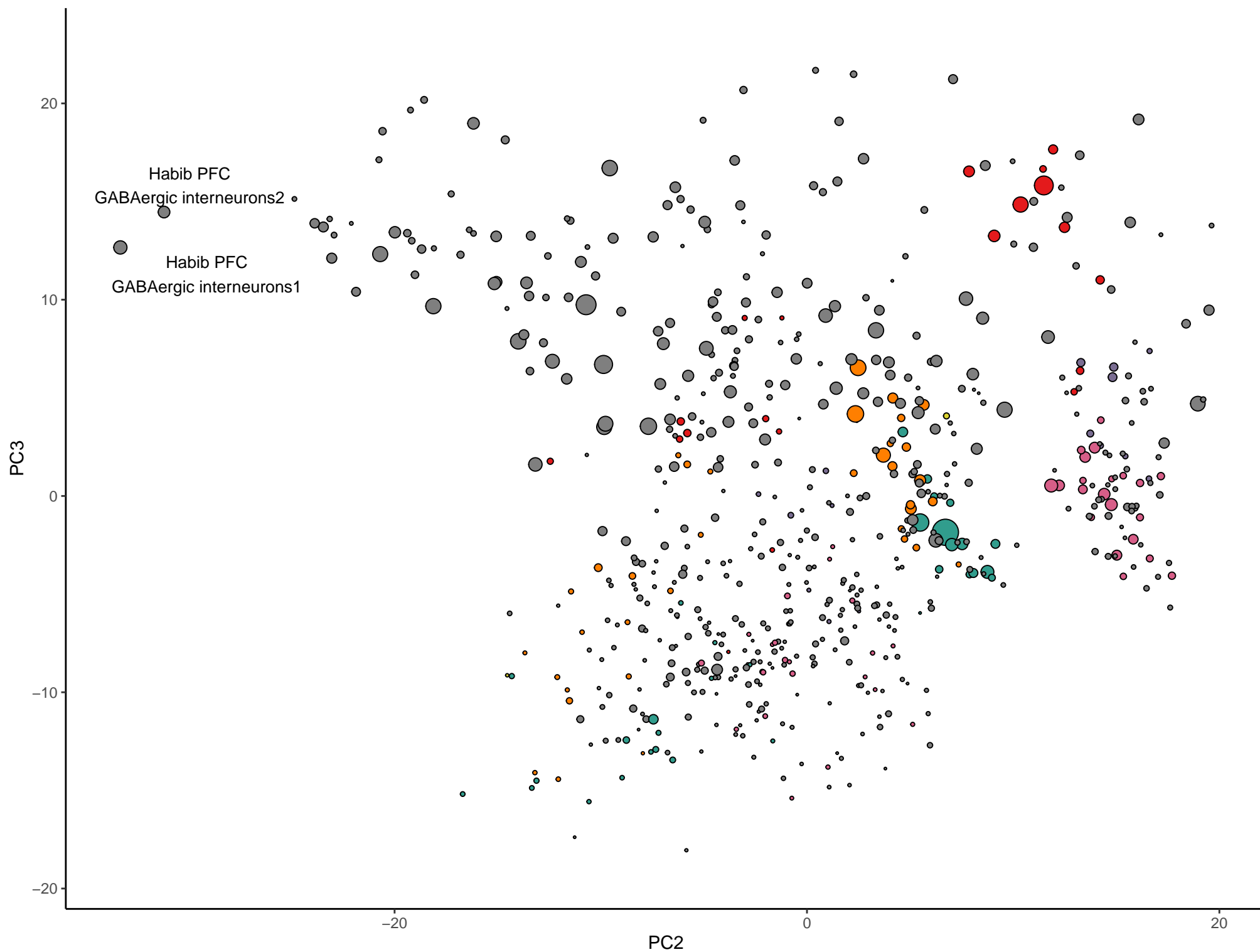
# Nuclei

• 0 • 0 • 100 • 100 • 3,200

Hodge 2018 Subtype ● GABAergic ADARB2 ● GABAergic LHX6 ● NA

# Inhibitory Neuron Mean Expression

328 cell types found in 29 datasets from 17 studies  
8,723 genes



# Nuclei

