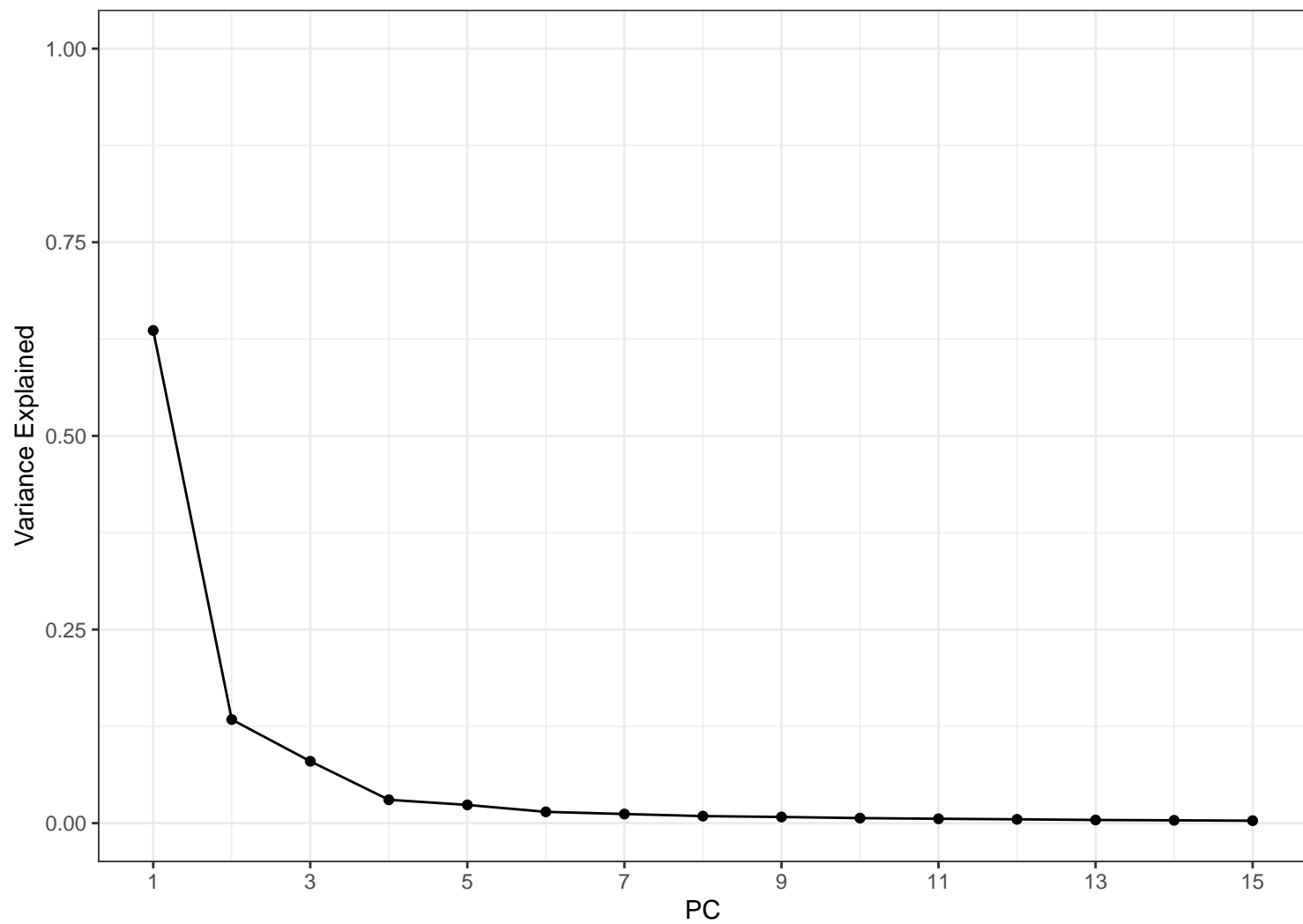


# OPC Subtypes

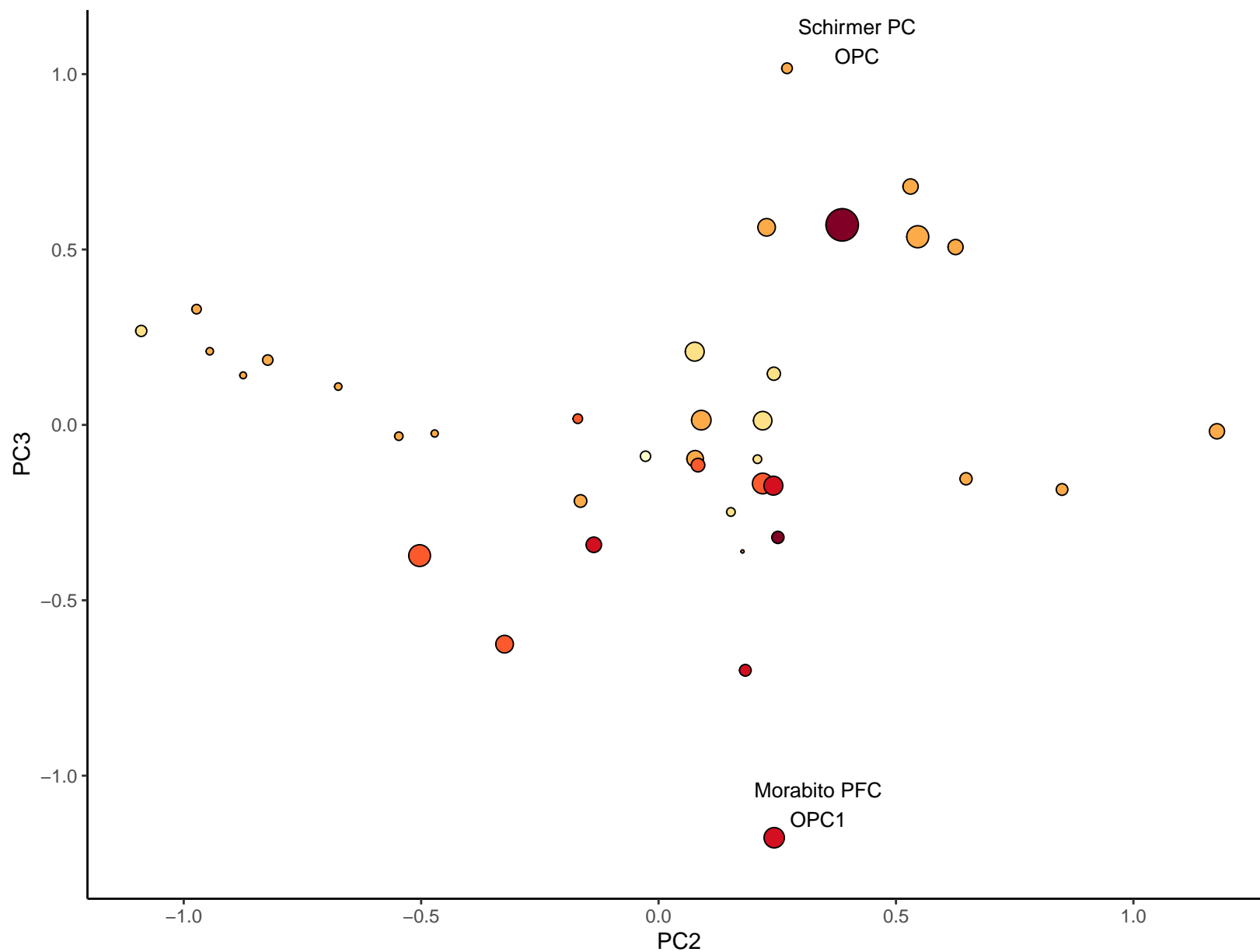
## Normalized Counts Fidelity Scree Plot

26 cell types, 29 datasets, 9,164 genes



## OPC Fidelity

26 cell types found in 29 datasets from 18 studies  
9,164 genes



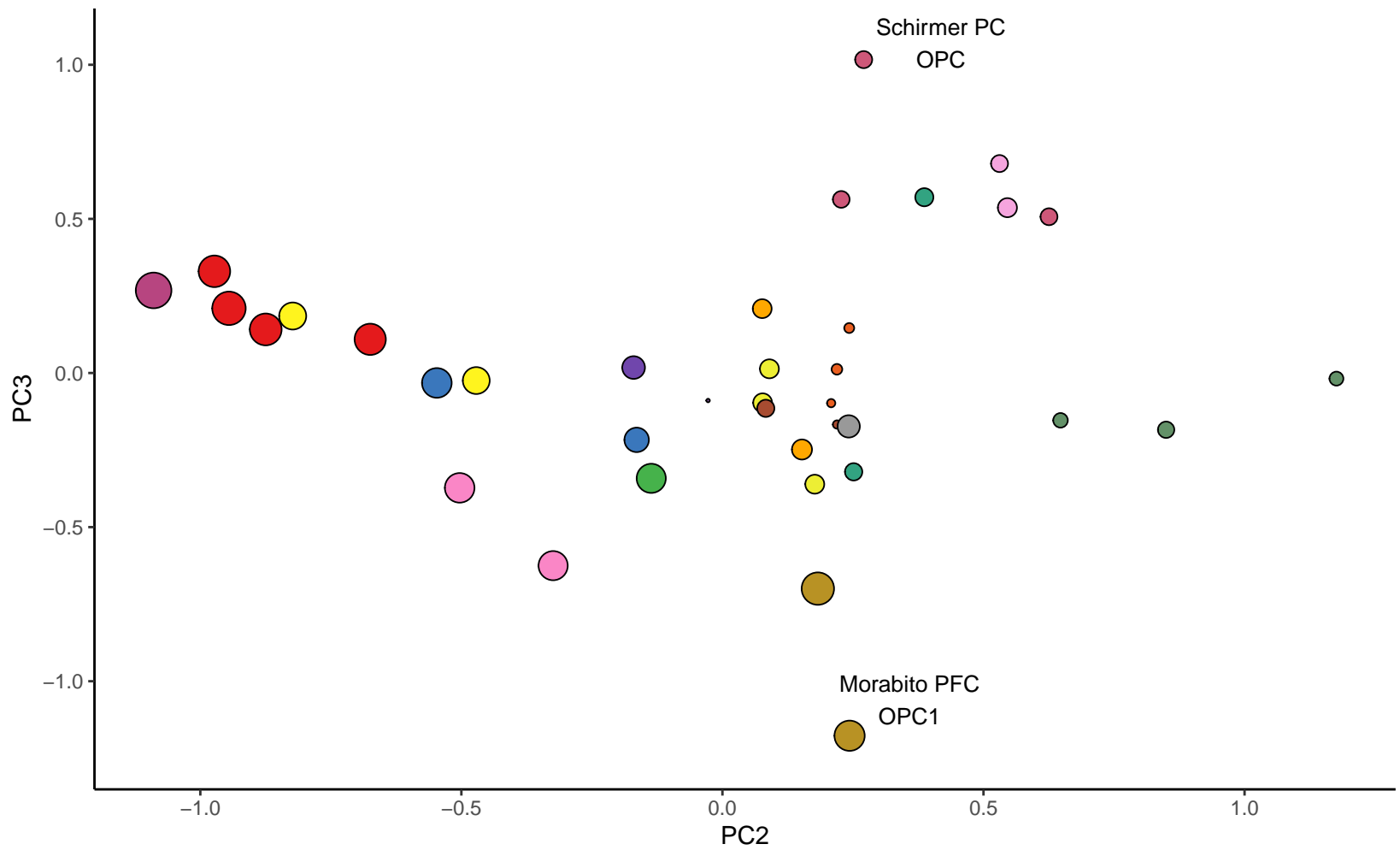
# Nuclei

• 100 • 200 • 300 • 600 • 2,200

Year 2017 2018 2019 2020 2021 2022

# OPC Fidelity

26 cell types found in 29 datasets from 18 studies  
9,164 genes



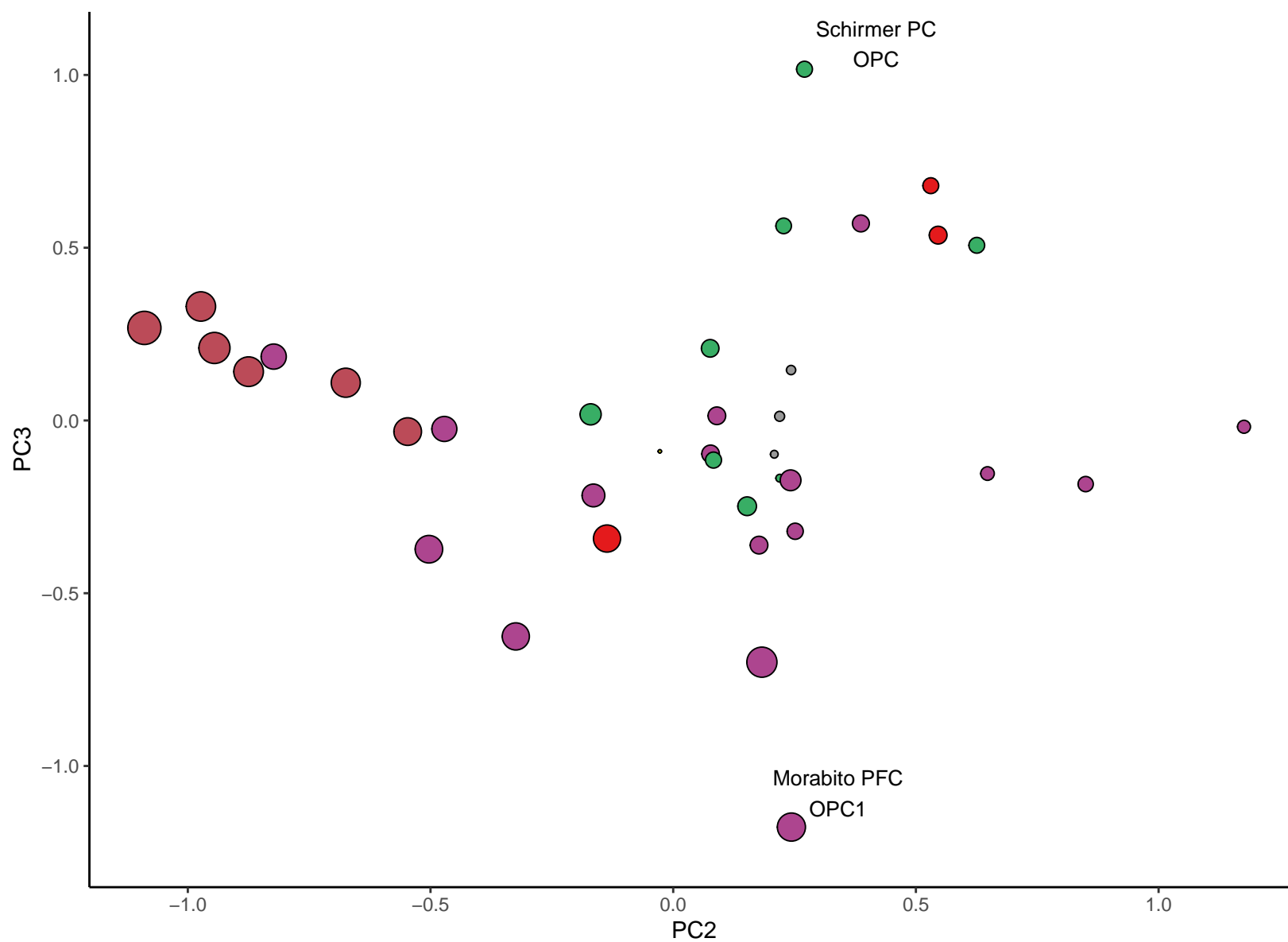
Median # Unique Genes

• 300 • 1,000 • 1,300 • 3,000 • 4,600

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

## OPC Fidelity

26 cell types found in 29 datasets from 18 studies  
9,164 genes



Median # Unique Genes

• 300 ● 1,000 ● 3,000 ● 4,000

Platform



10x Chromium



10x Chromium V3



10x Chromium V2



DroNc-seq



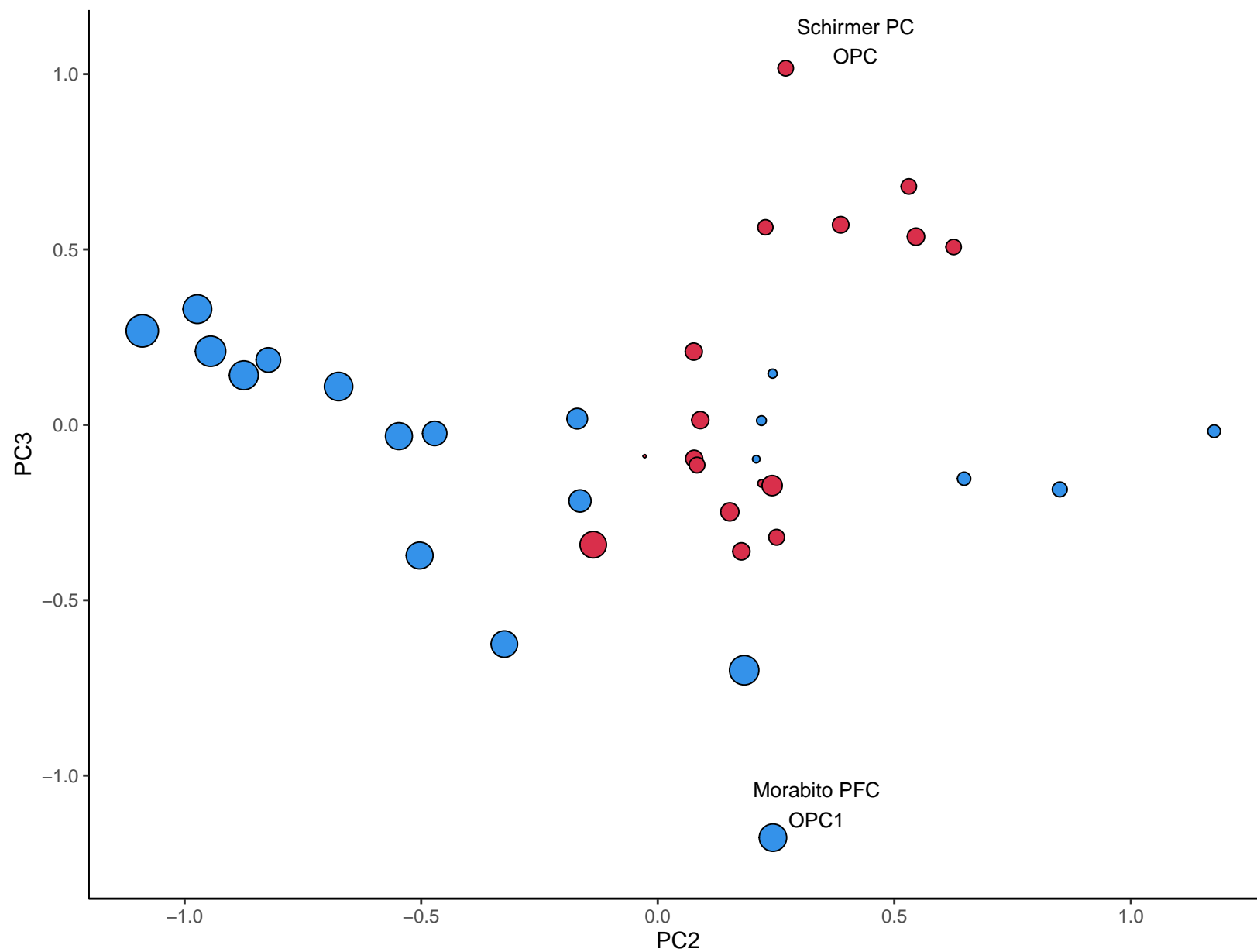
snDrop-seq



SMART-Seq v4

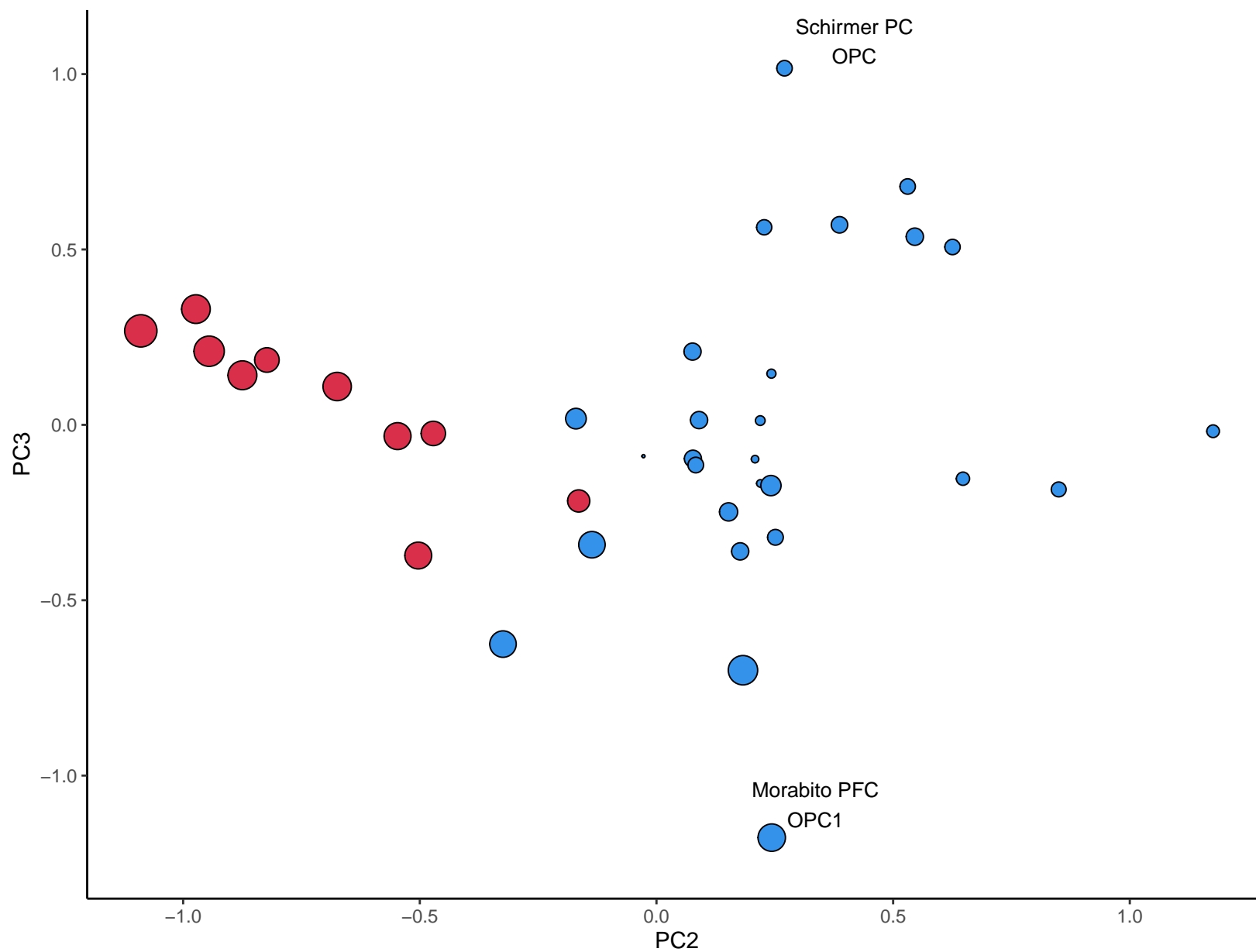
## OPC Fidelity

26 cell types found in 29 datasets from 18 studies  
9,164 genes



## OPC Fidelity

26 cell types found in 29 datasets from 18 studies  
9,164 genes



Median # Unique Genes

• 294 • 500 • 1,000 • 4,000

Unbiased Sampling Y N