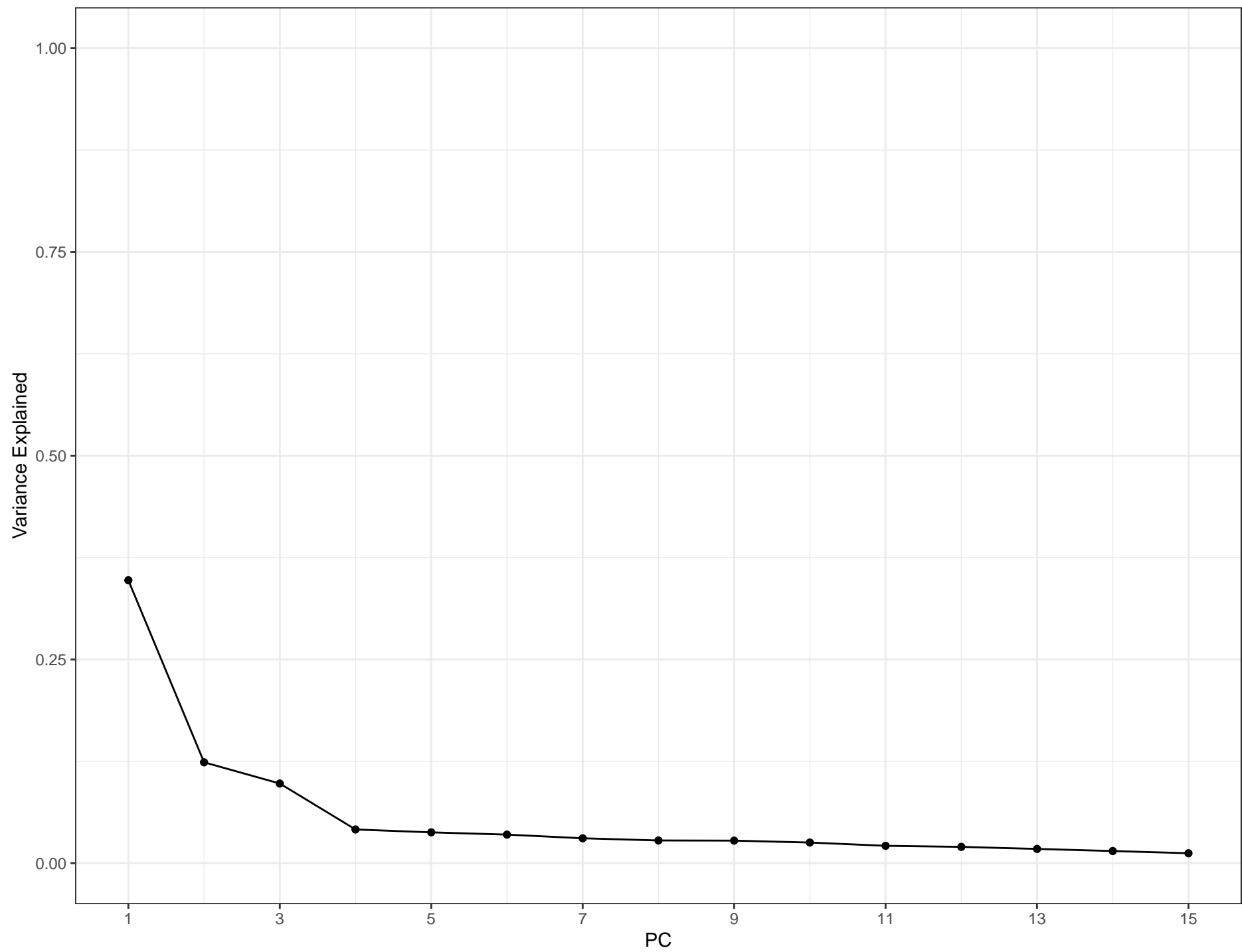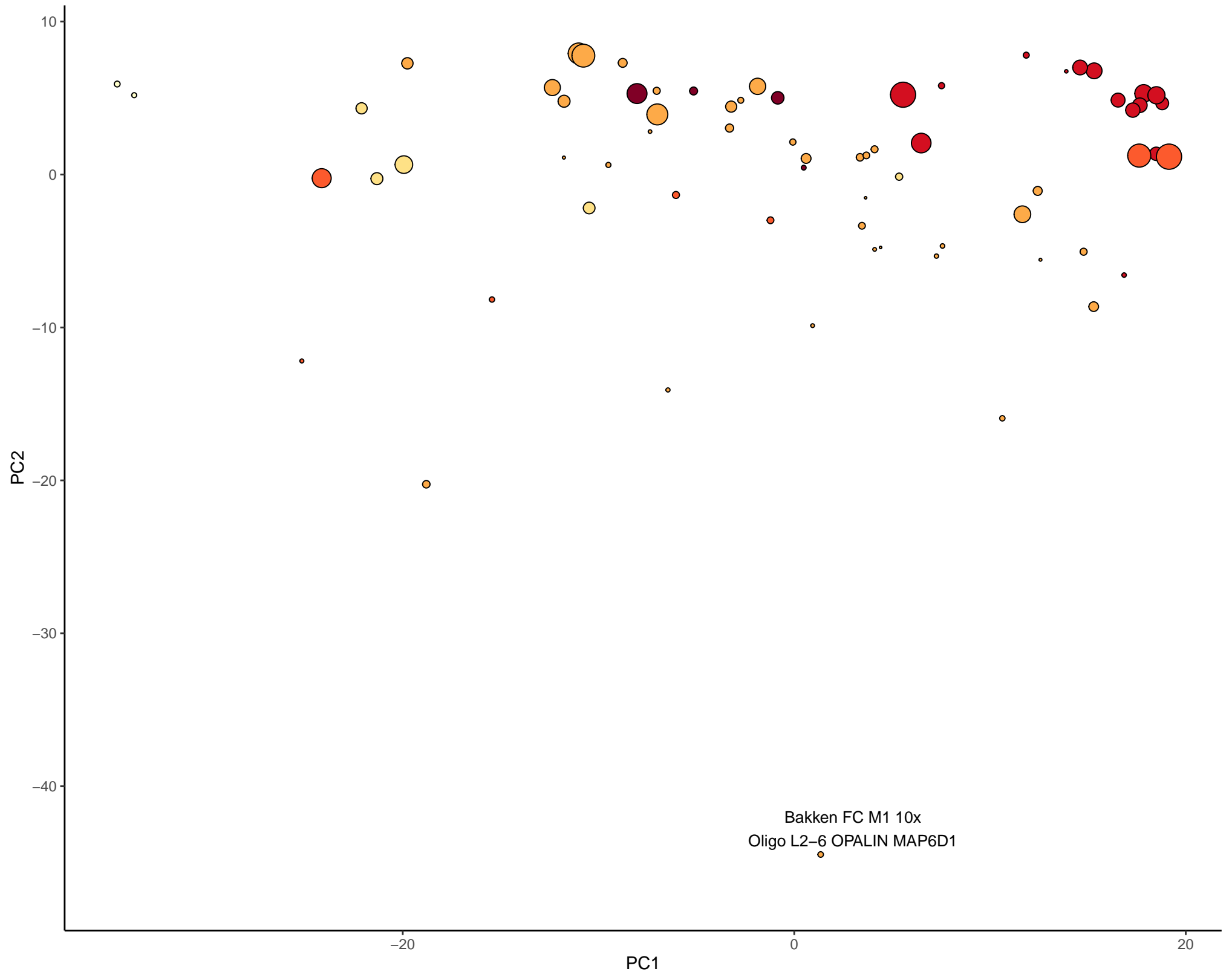**OG Subtypes**
Normalized Counts Mean Expression Scree Plot

51 cell types, 30 datasets, 8,723 genes

Oligodendrocyte Mean Expression

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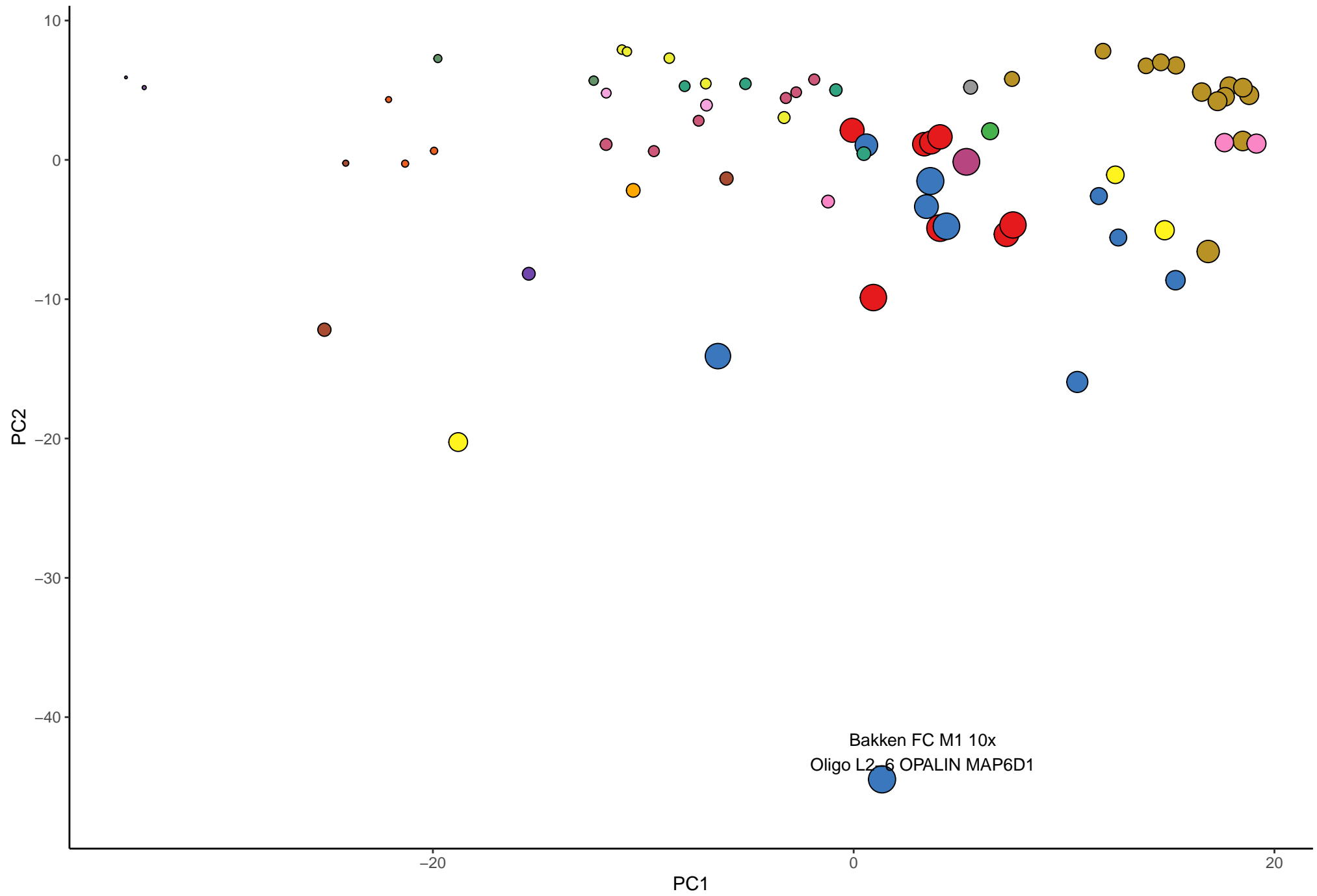8,723 genes

Bakken FC M1 10x
Oligo L2−6 OPALIN MAP6D1

Nuclei

· 4   · 100   ● 500   ● 1,000   ● 5,000   ● 5,000

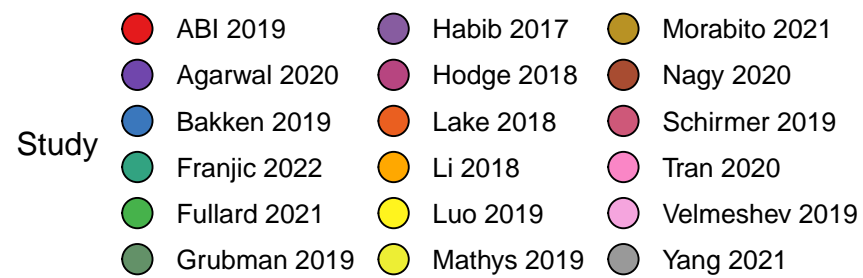Year   ○ 2017   ○ 2018   ○ 2019   ● 2020   ● 2021   ● 2022

Oligodendrocyte Mean Expression

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

Bakken FC M1 10x
Oligo L2_6 OPALIN MAP6D1

Median # Unique Genes
300   800   1,700   2,400   4,700

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

Oligodendrocyte Mean Expression

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

Bakken FC M1 10x
Oligo L2–6 OPALIN MAP6D1
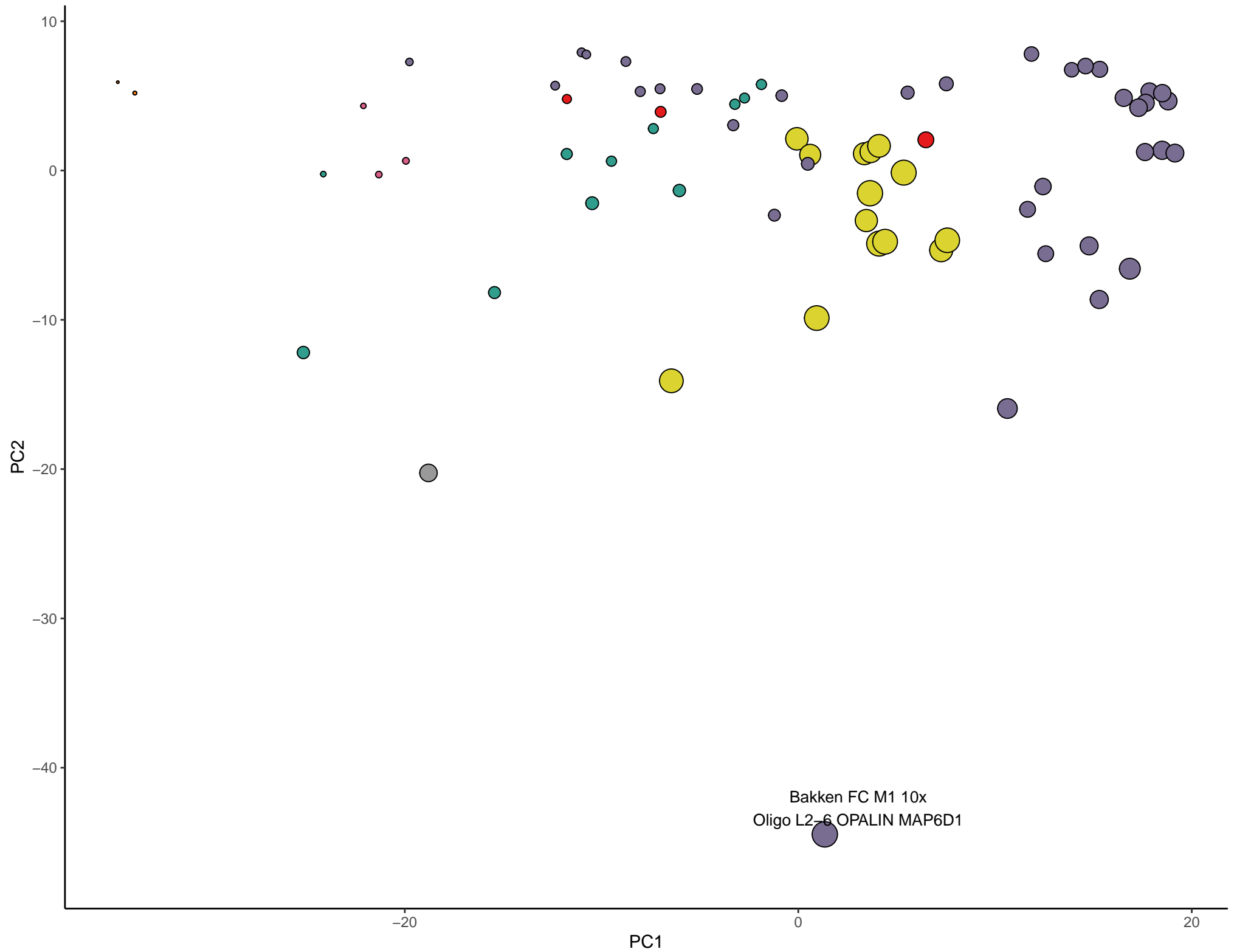
Median # Unique Genes
● 300 ● 1,000 ● 3,000 ● 4,000

Platform
● 10x Chromium   ● 10x Chromium V3   ● SMART–Seq v4   ● snmCAT–seq
● 10x Chromium V2   ● DroNc–seq   ● snDrop–seq

Oligodendrocyte Mean Expression

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

Bakken FC M1 10x
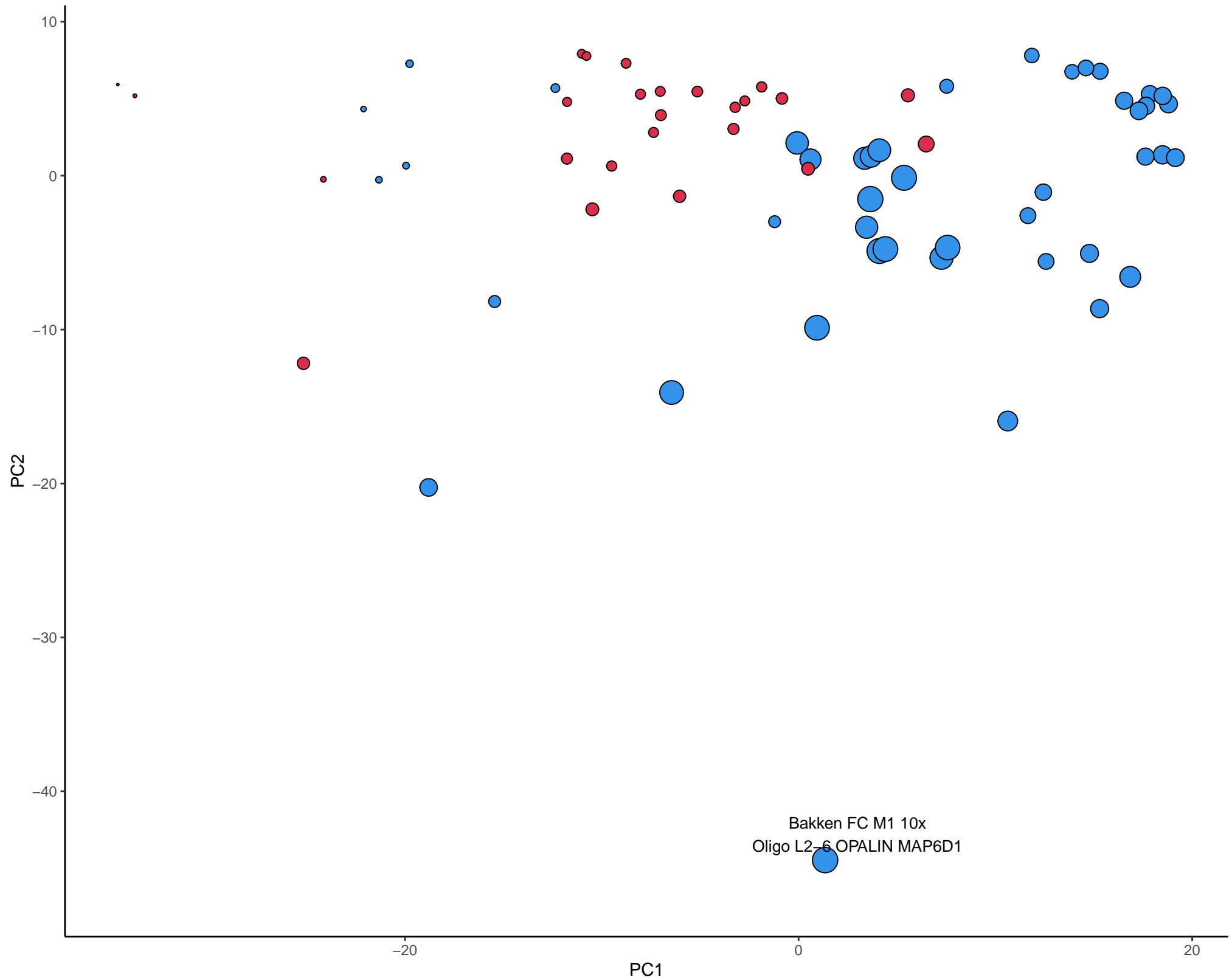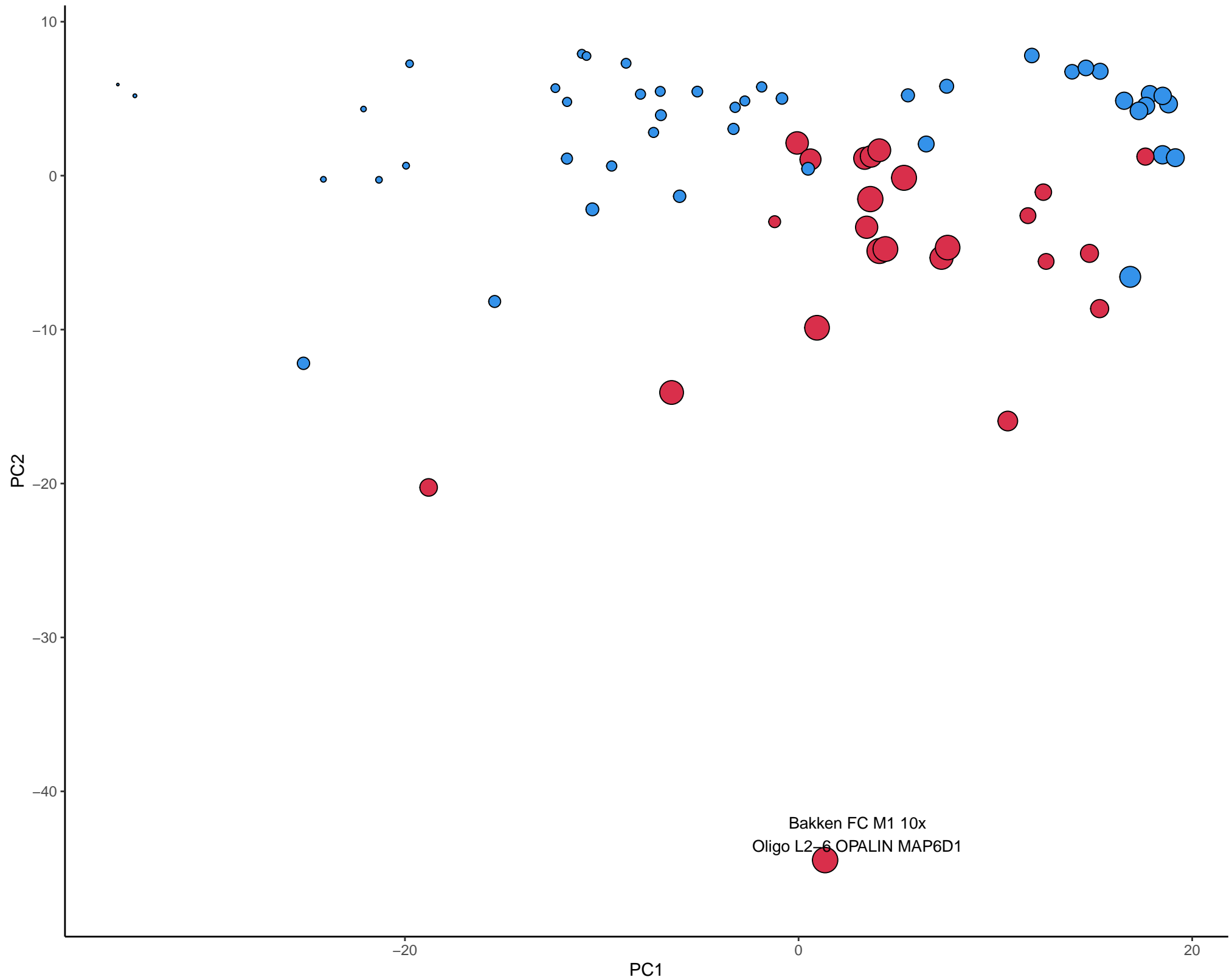Oligo L2–6 OPALIN MAP6D1

Median # Unique Genes

· 288   • 500   ● 1,000   ● 4,000

FACS   ● Y   ● N

Oligodendrocyte Mean Expression

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

Bakken FC M1 10x
Oligo L2–6 OPALIN MAP6D1

Median # Unique Genes
288   500   1,000   4,000

Unbiased Sampling   Y   N