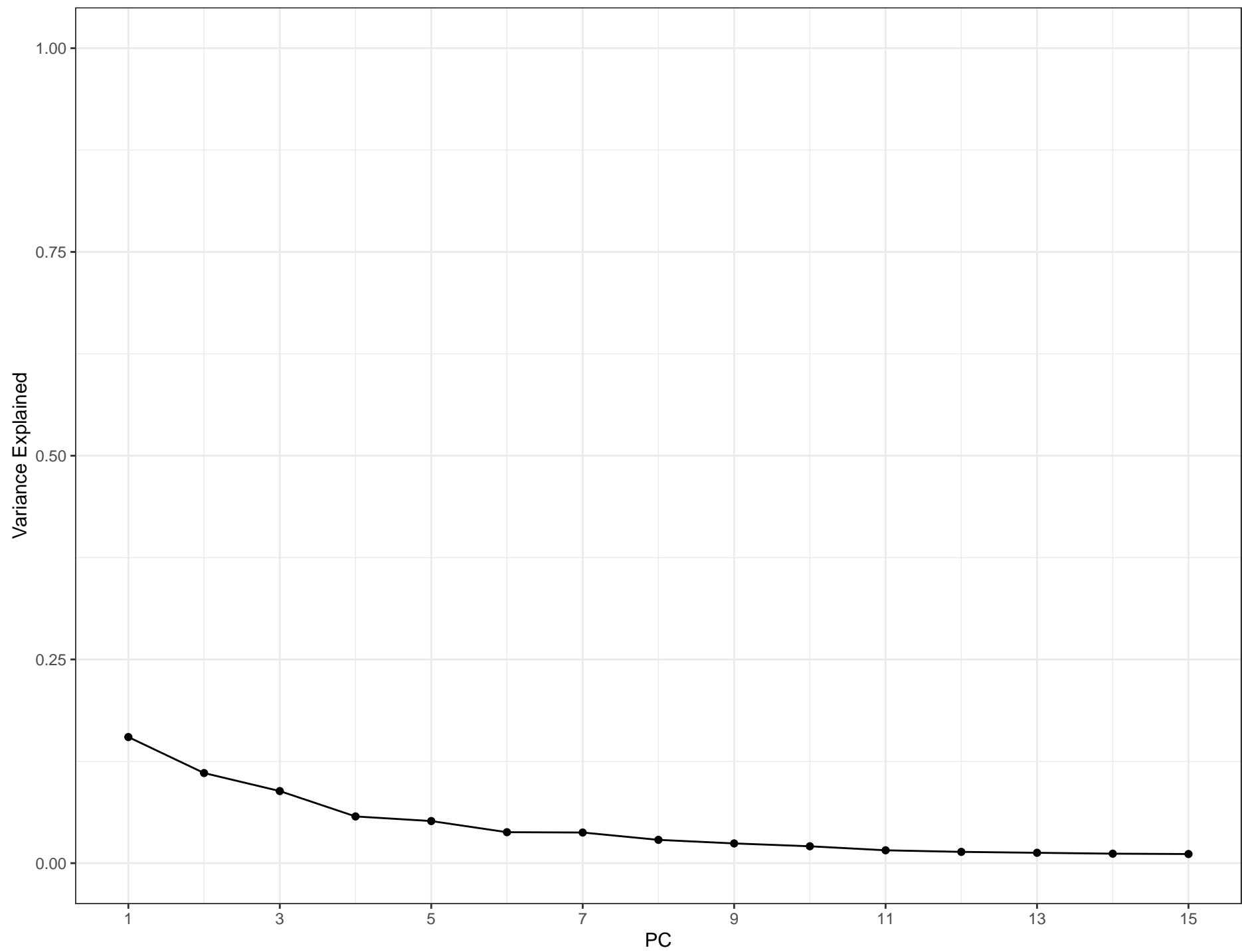
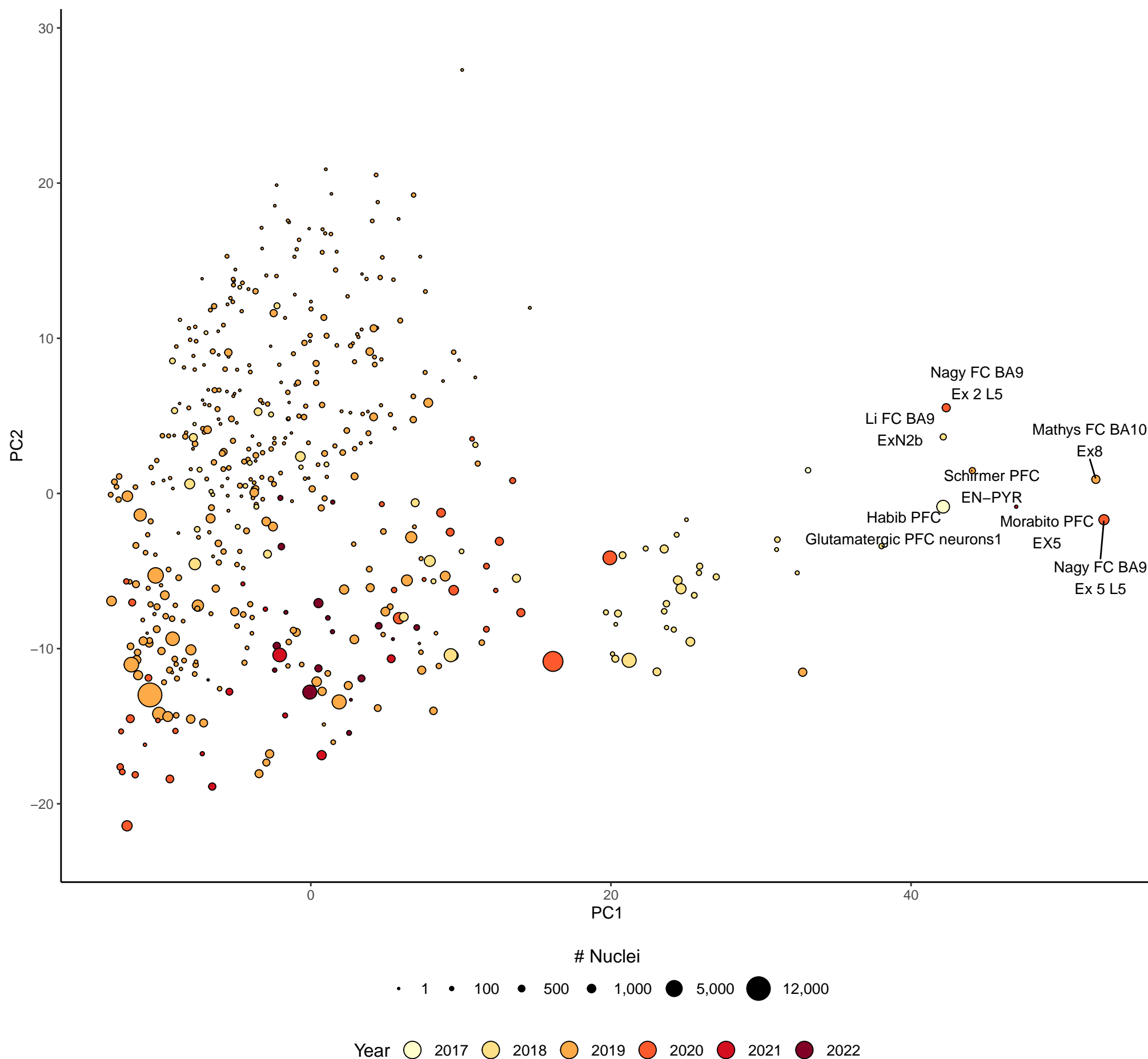


EXC Subtypes
Normalized Counts Mean Expression Scree Plot
257 cell types, 29 datasets, 8,723 genes



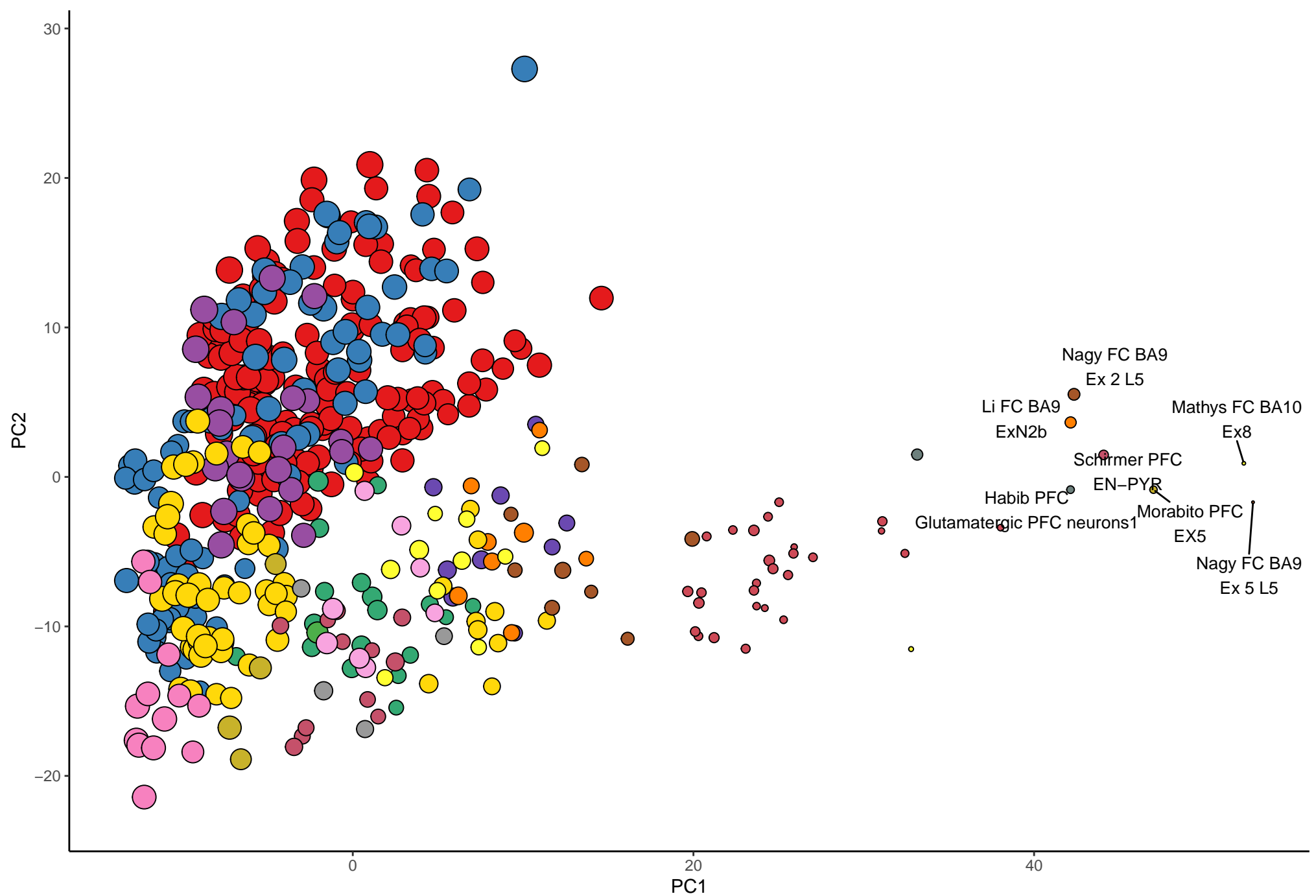
Excitatory Neuron Mean Expression

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



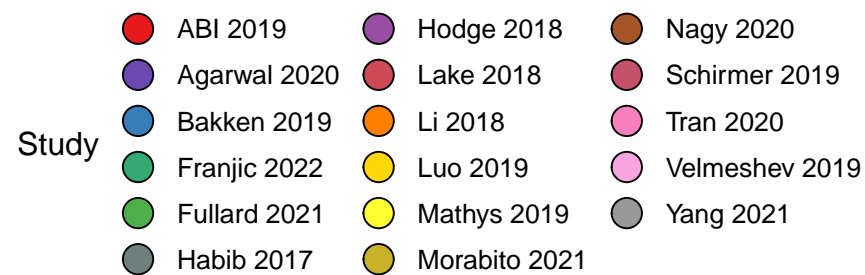
Excitatory Neuron Mean Expression

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



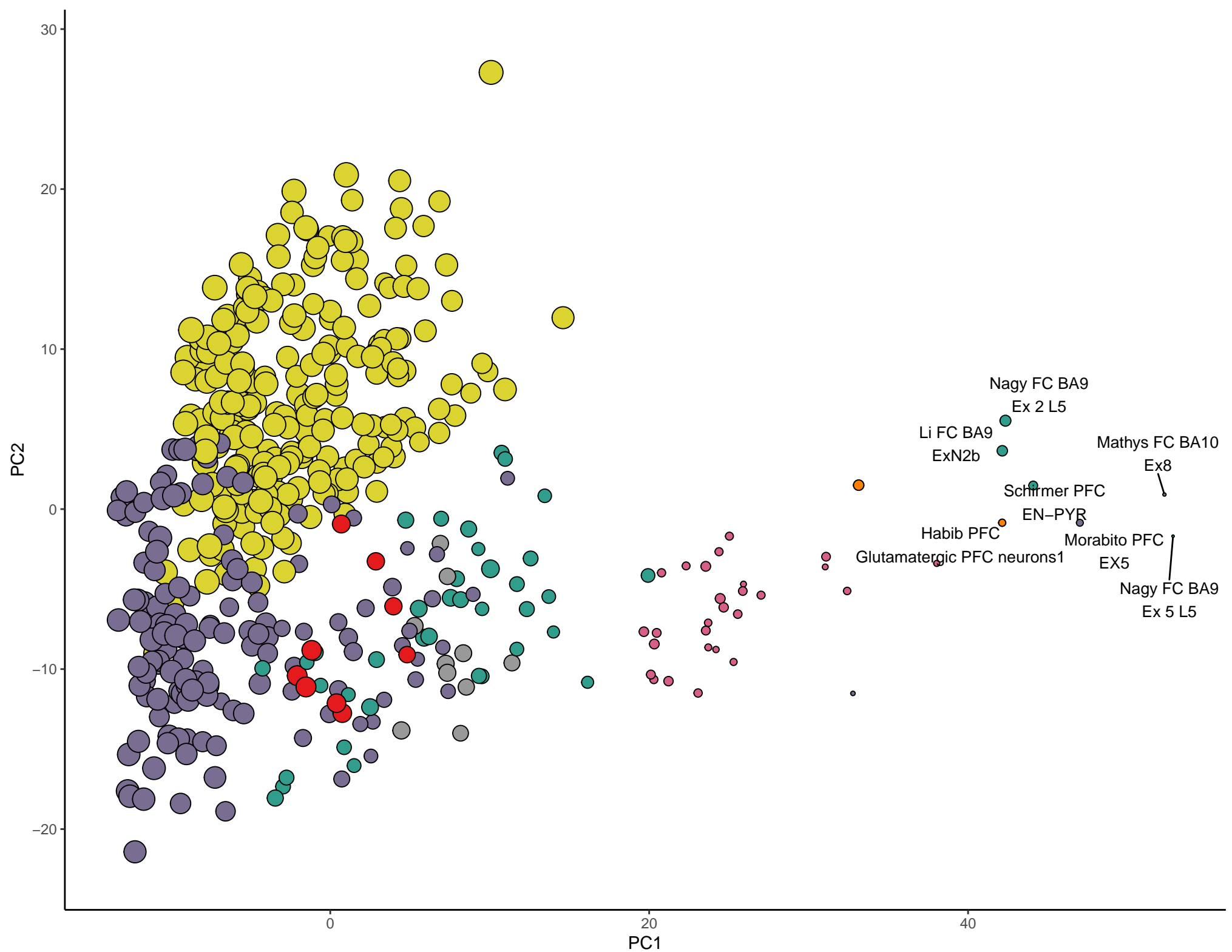
Median # Unique Genes

• 400 ● 4,200 ● 6,300 ● 7,000 ● 8,700



Excitatory Neuron Mean Expression

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



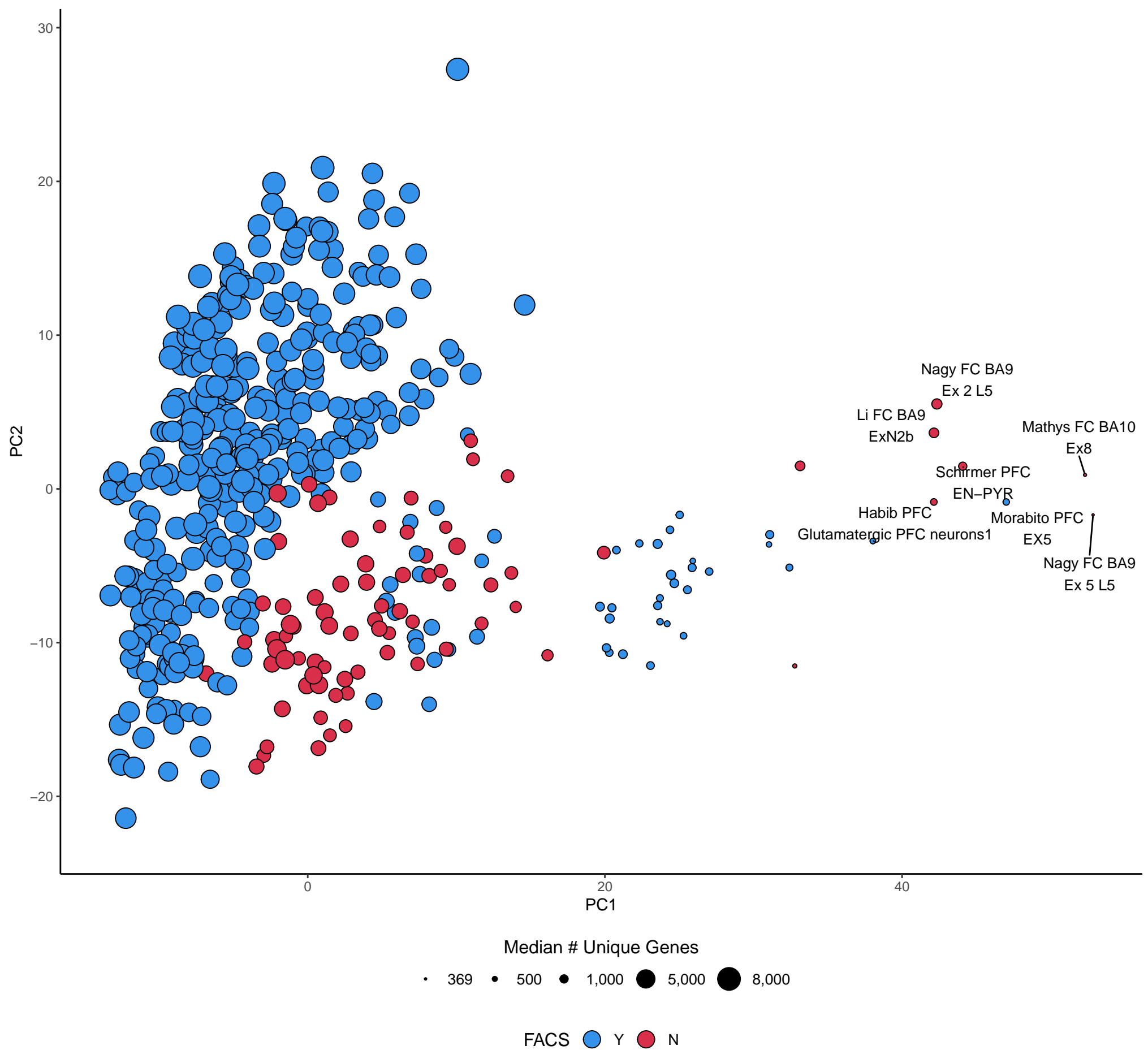
Median # Unique Genes

• 400 • 1,000 • 3,000 • 6,000 • 8,000

Platform

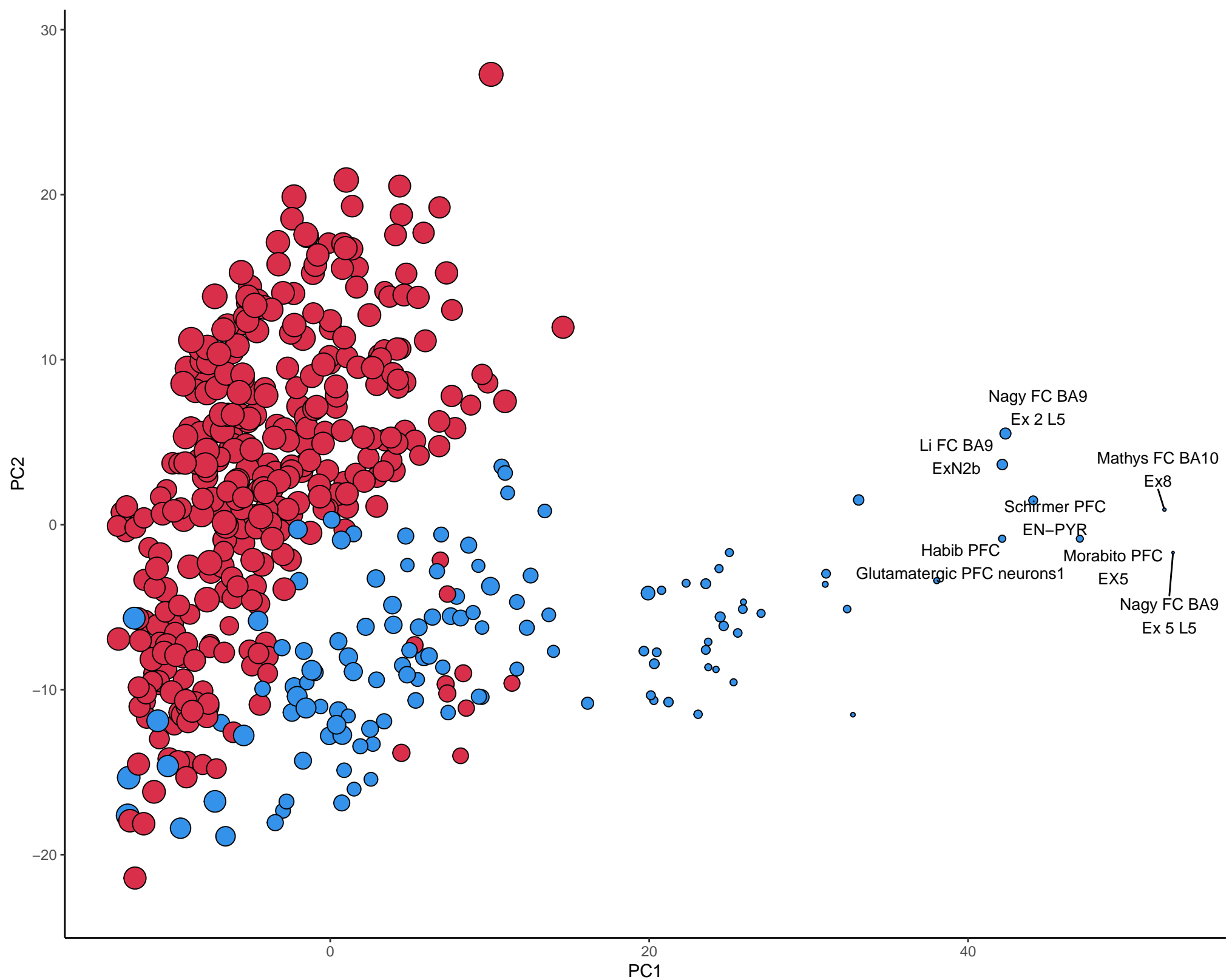
10x Chromium	10x Chromium V3	SMART-Seq v4	snmCAT-seq
10x Chromium V2	DroNc-seq	snDrop-seq	

Excitatory Neuron Mean Expression
257 cell types found in 29 datasets from 17 studies
8,723 genes



Excitatory Neuron Mean Expression

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



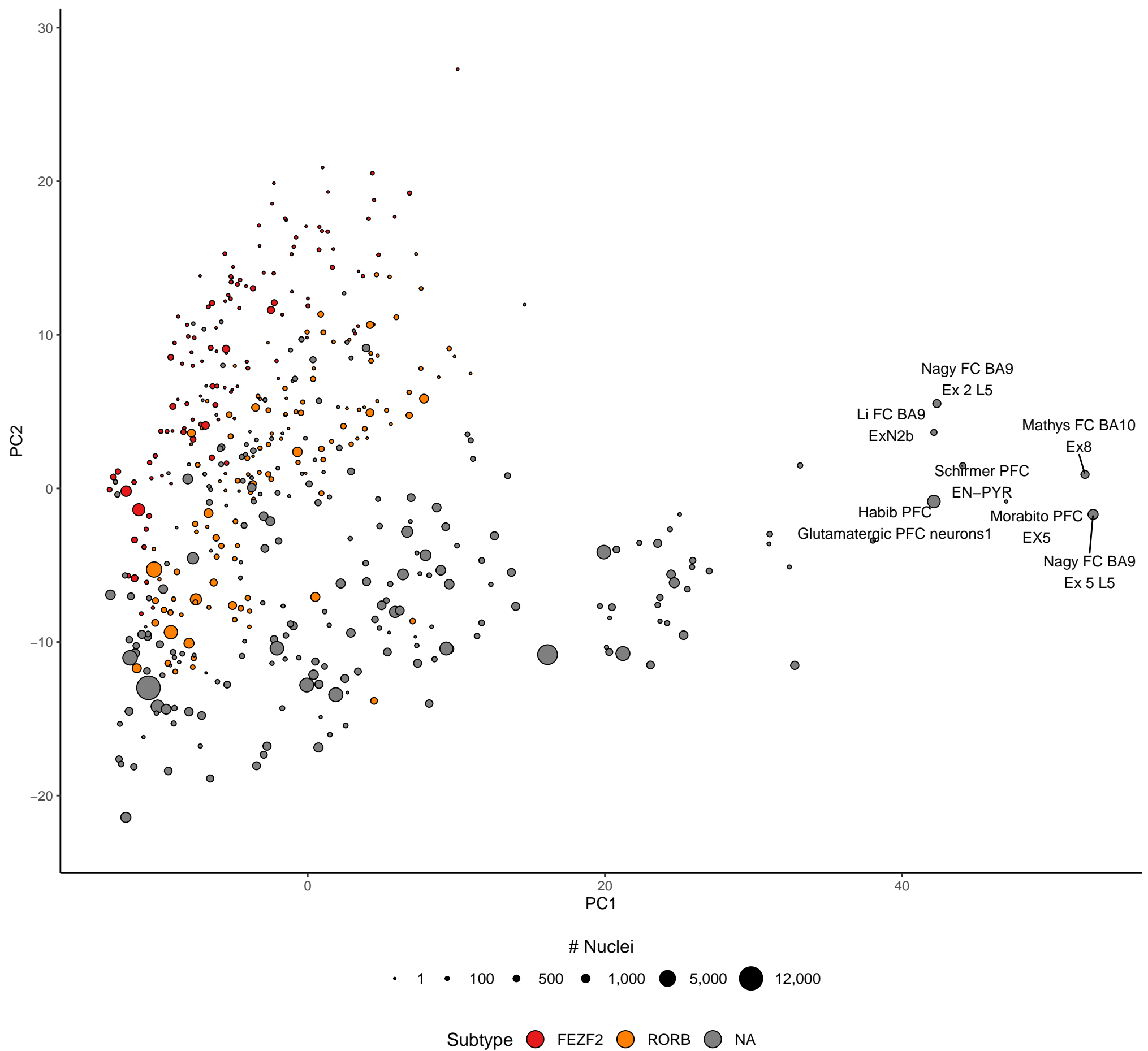
Median # Unique Genes

• 369 • 500 • 1,000 • 5,000 • 8,000

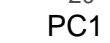
Unbiased Sampling Y N

Excitatory Neuron Mean Expression

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



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

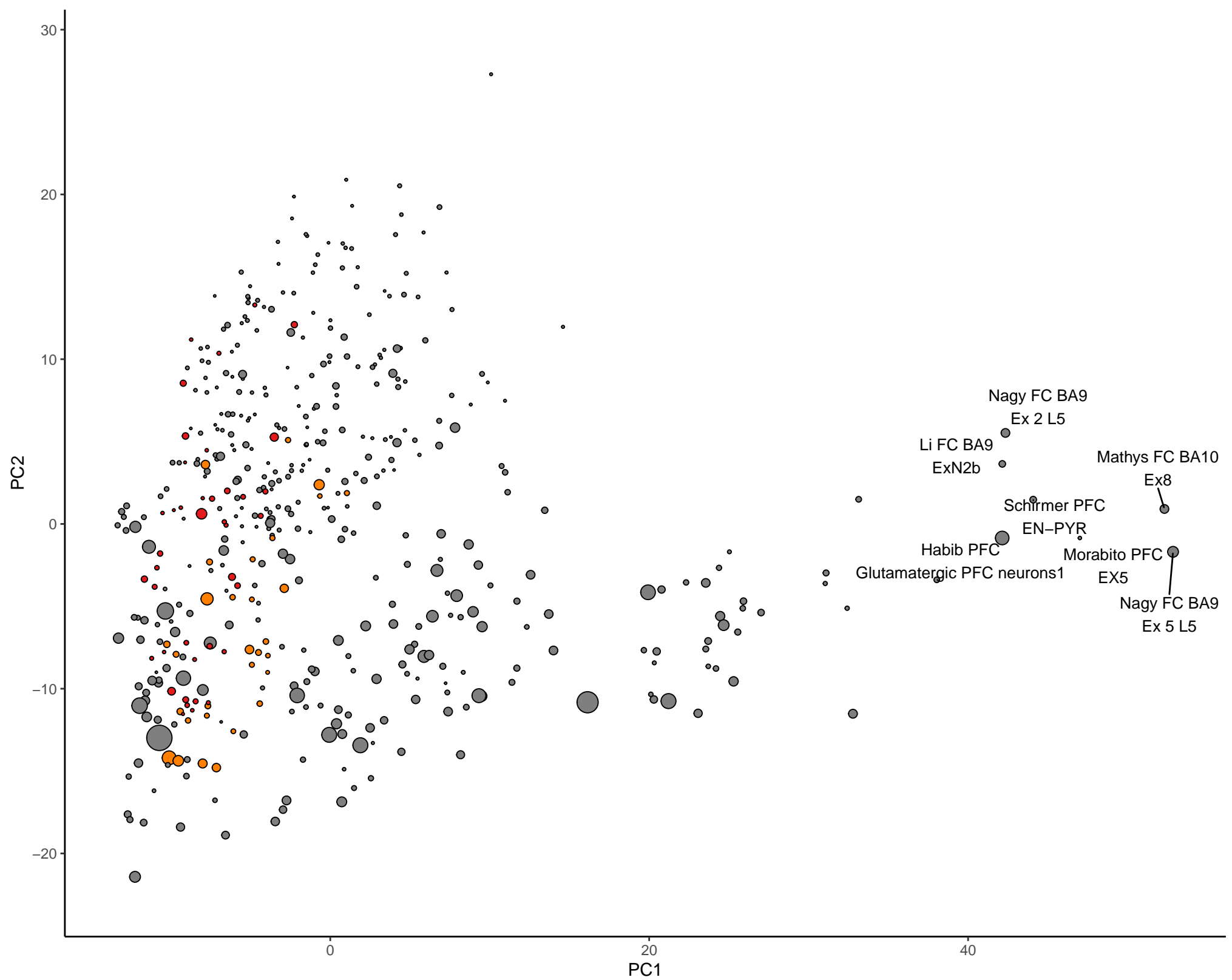


• 1 • 100 • 500 • 1,000 • 5,000 • 12,000

Subtype ● L2 ● L2-3 ● L2-4 ● L3 ● L3-4 ● L3-5 ● L4 ● L4-5 ● L4-6 ● L5 ● L5-6 ● L6 ● NA

Excitatory Neuron Mean Expression

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



Nuclei

• 0 • 0 • 100 • 400 • 12,400

Hodge 2018 Subtype • Exc Deep layers • Exc Superficial layers • NA

Excitatory Neuron Mean Expression

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

