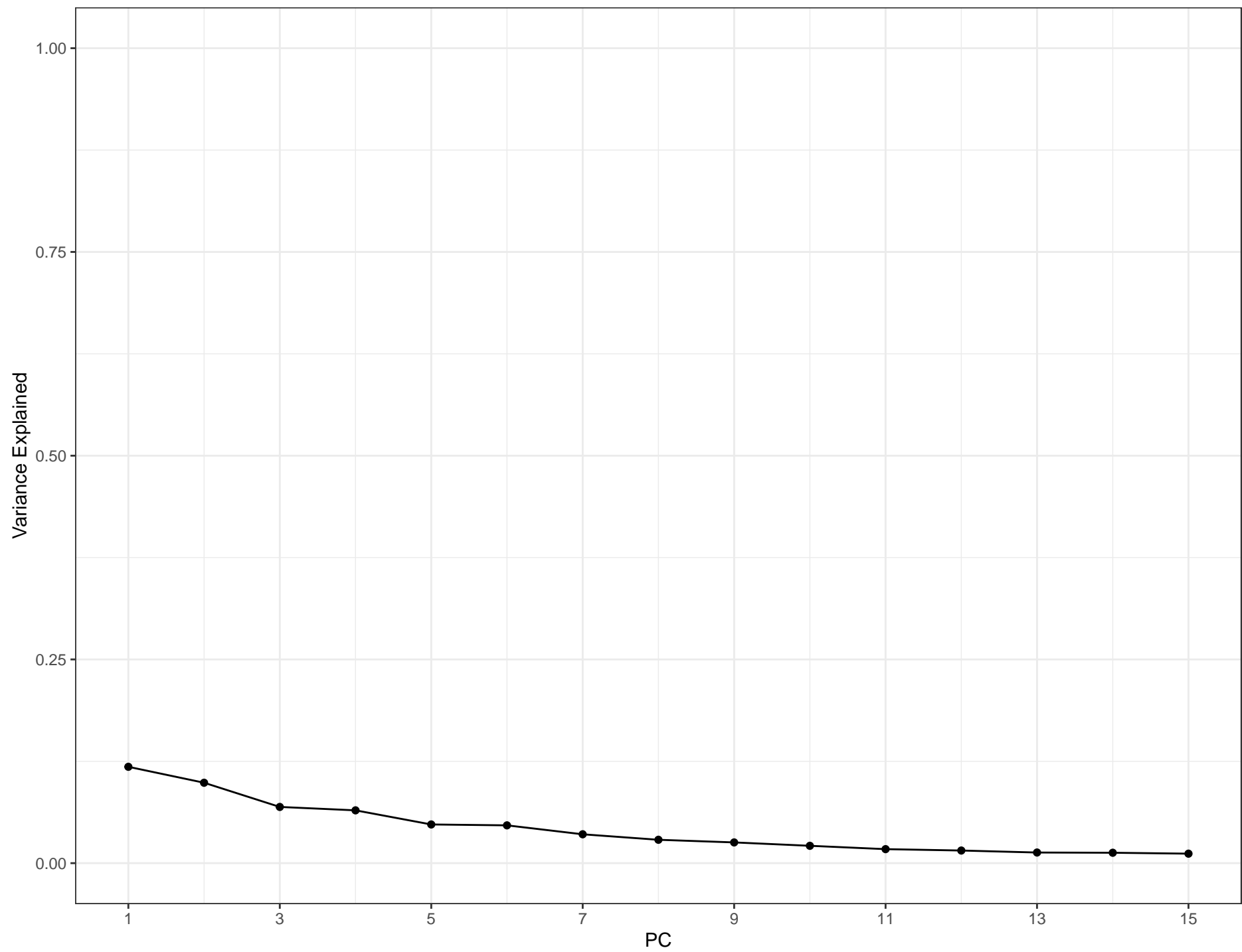


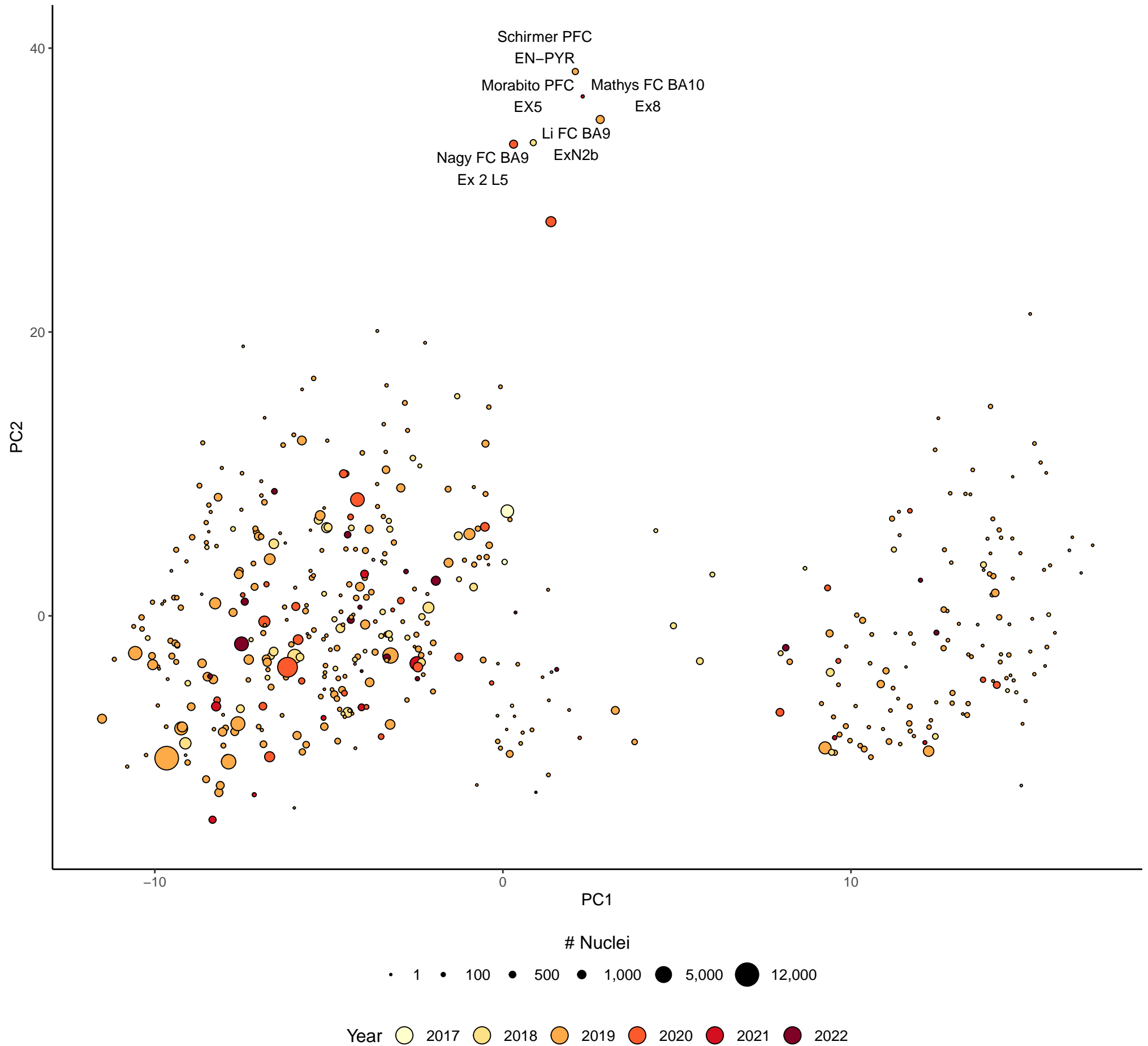
EXC Subtypes
Normalized Counts Mean Expression Scree Plot
257 cell types, 29 datasets, 8,723 genes



Excitatory Neuron Batch Corrected Mean Expression

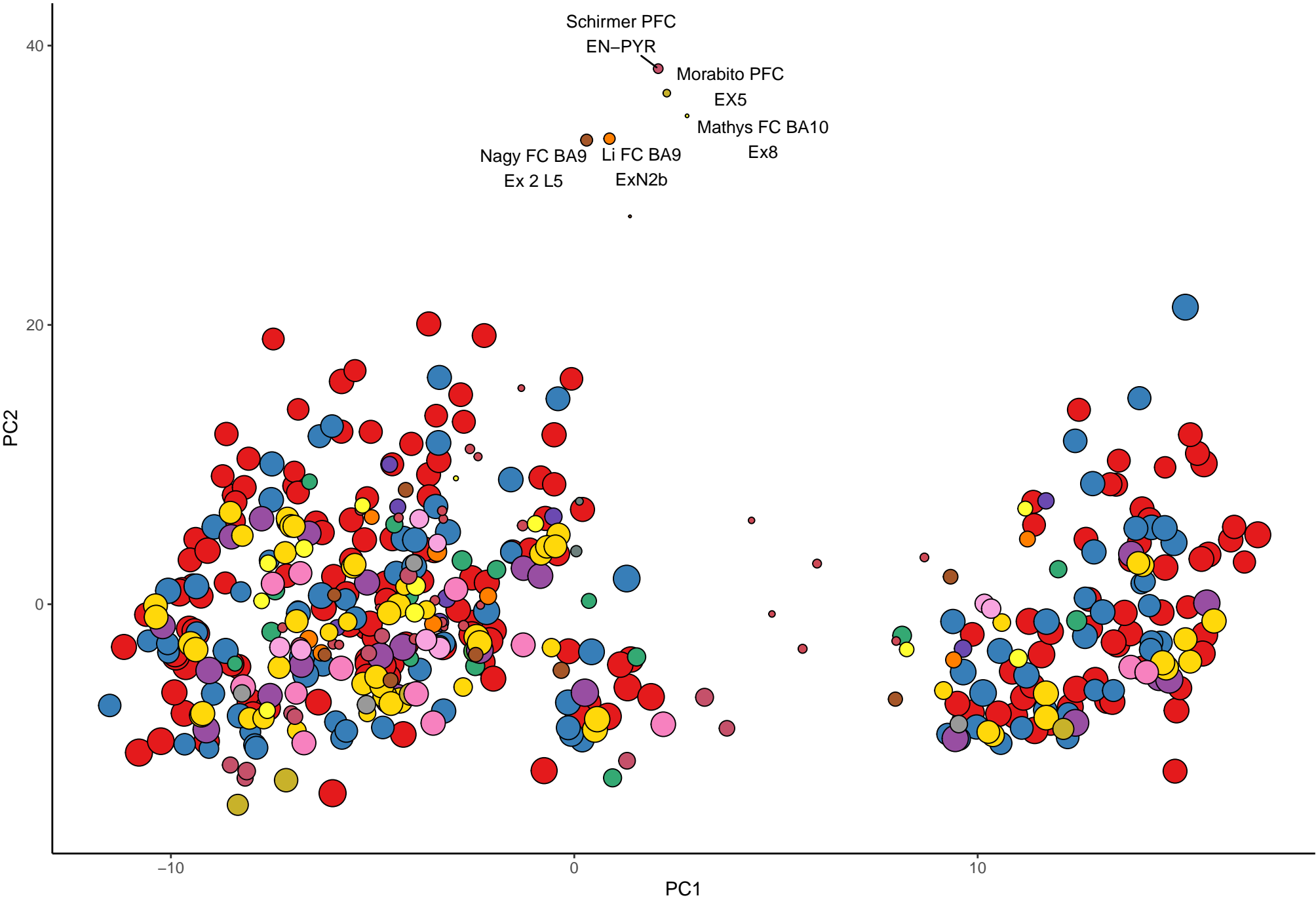
257 cell types found in 29 datasets from 17 studies

8,723 genes



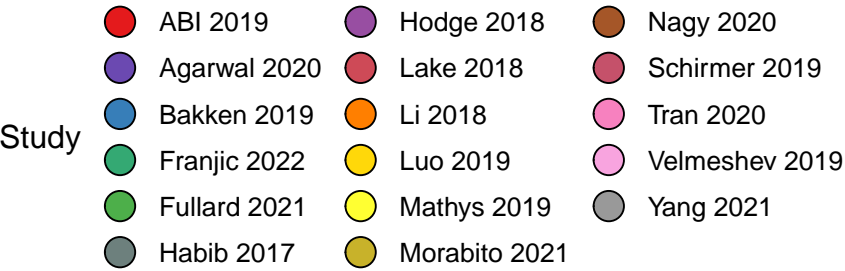
Excitatory Neuron Batch Corrected Mean Expression

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



Median # Unique Genes

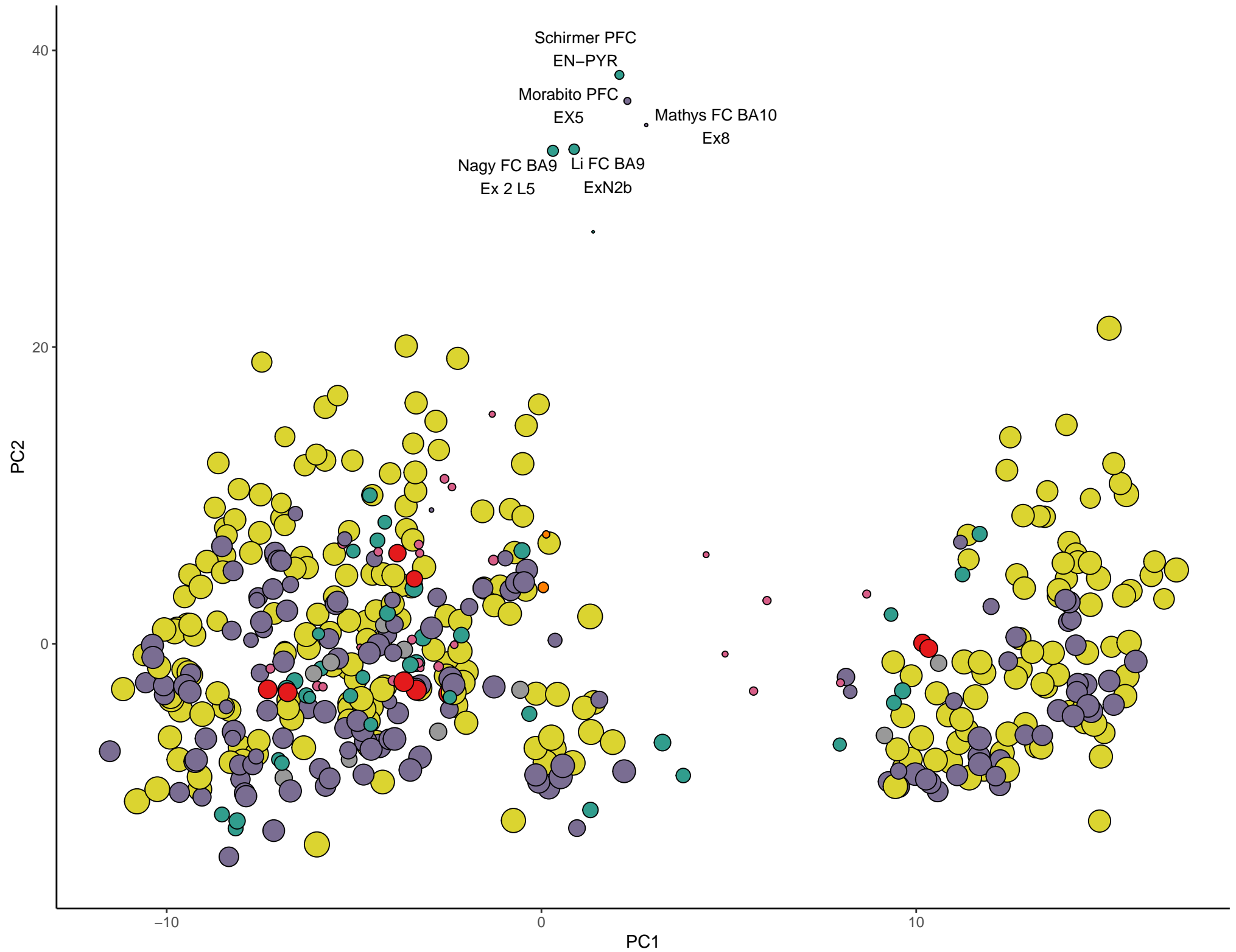
• 400 ● 4,200 ● 6,300 ● 7,000 ● 8,700



Excitatory Neuron Batch Corrected 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 Batch Corrected Mean Expression

257 cell types found in 29 datasets from 17 studies

8,723 genes



Excitatory Neuron Batch Corrected Mean Expression

257 cell types found in 29 datasets from 17 studies

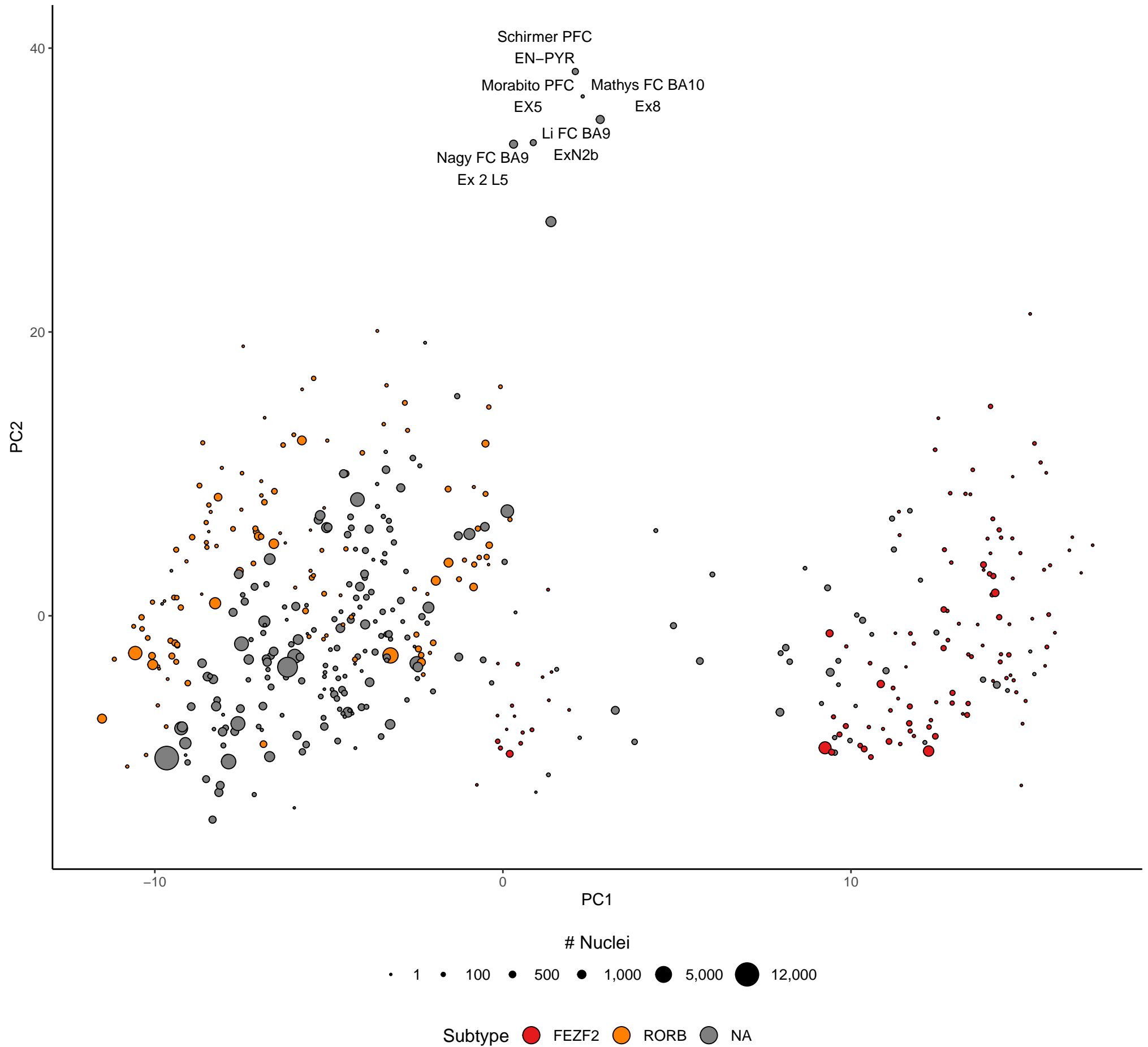
8,723 genes



Excitatory Neuron Batch Corrected Mean Expression

257 cell types found in 29 datasets from 17 studies

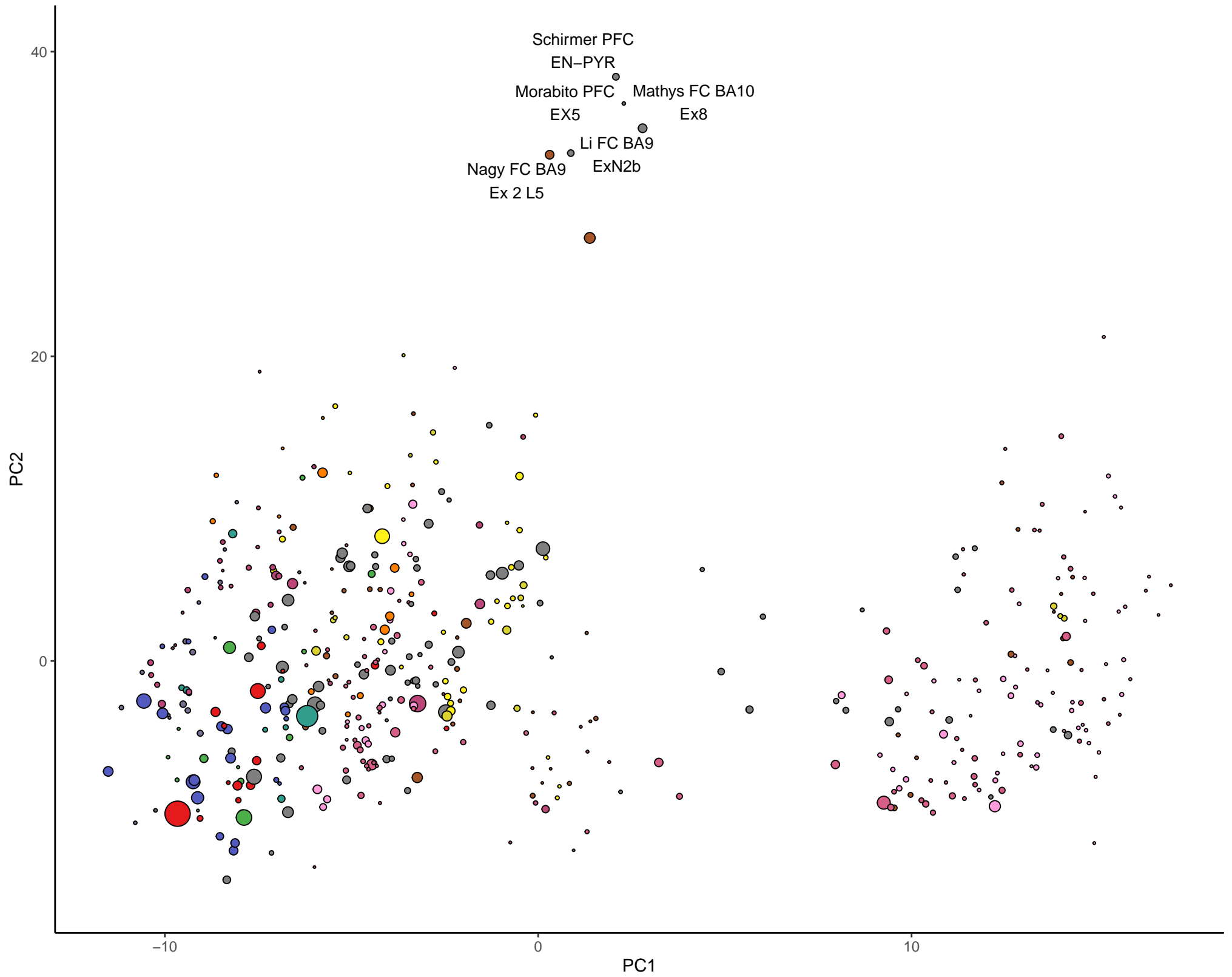
8,723 genes



Excitatory Neuron Batch Corrected Mean Expression

257 cell types found in 29 datasets from 17 studies

8,723 genes



Nuclei

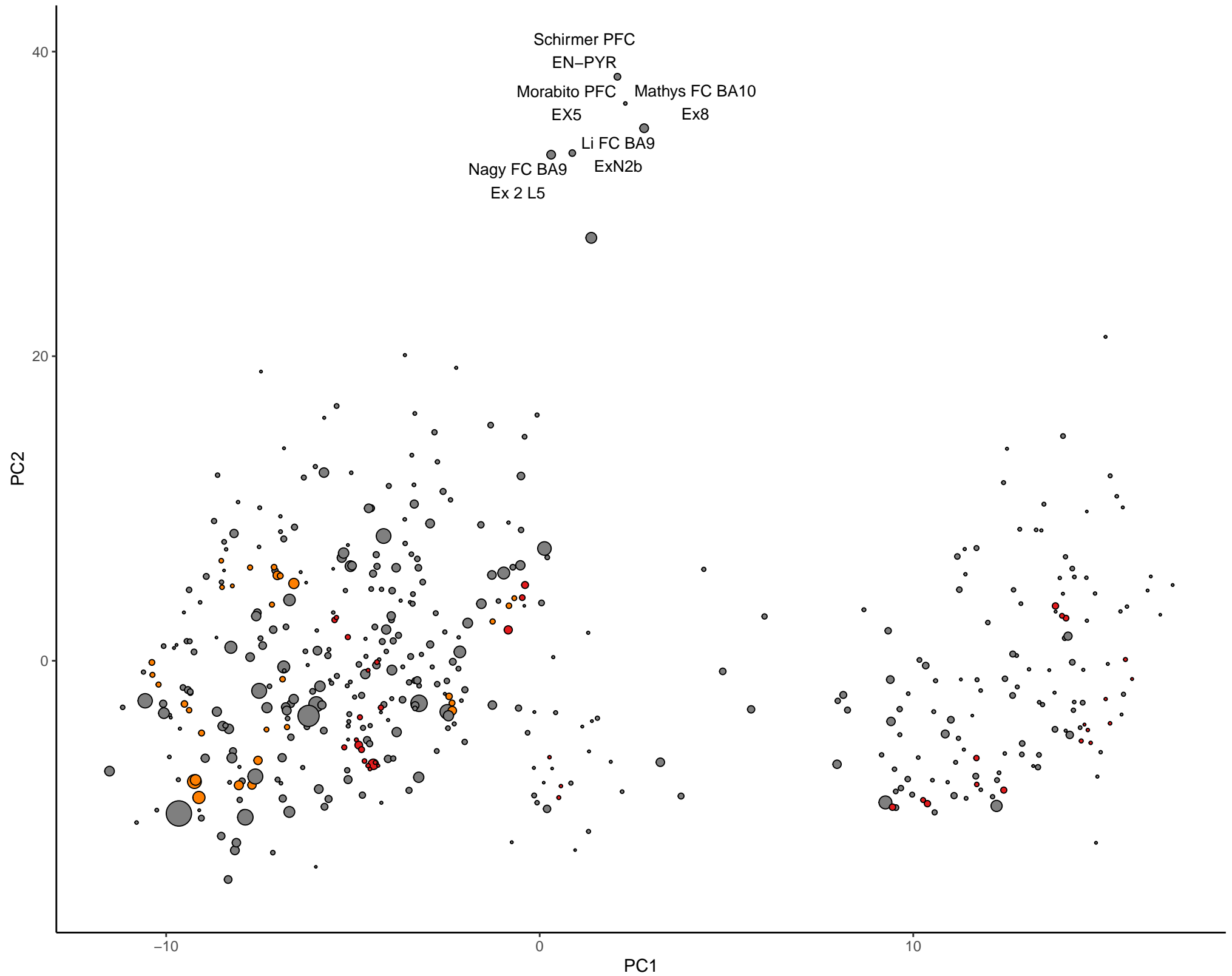
• 1 • 100 • 500 • 1,000 • 5,000 • 12,000

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

Excitatory Neuron Batch Corrected 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 Batch Corrected Mean Expression

257 cell types found in 29 datasets from 17 studies

8,723 genes

