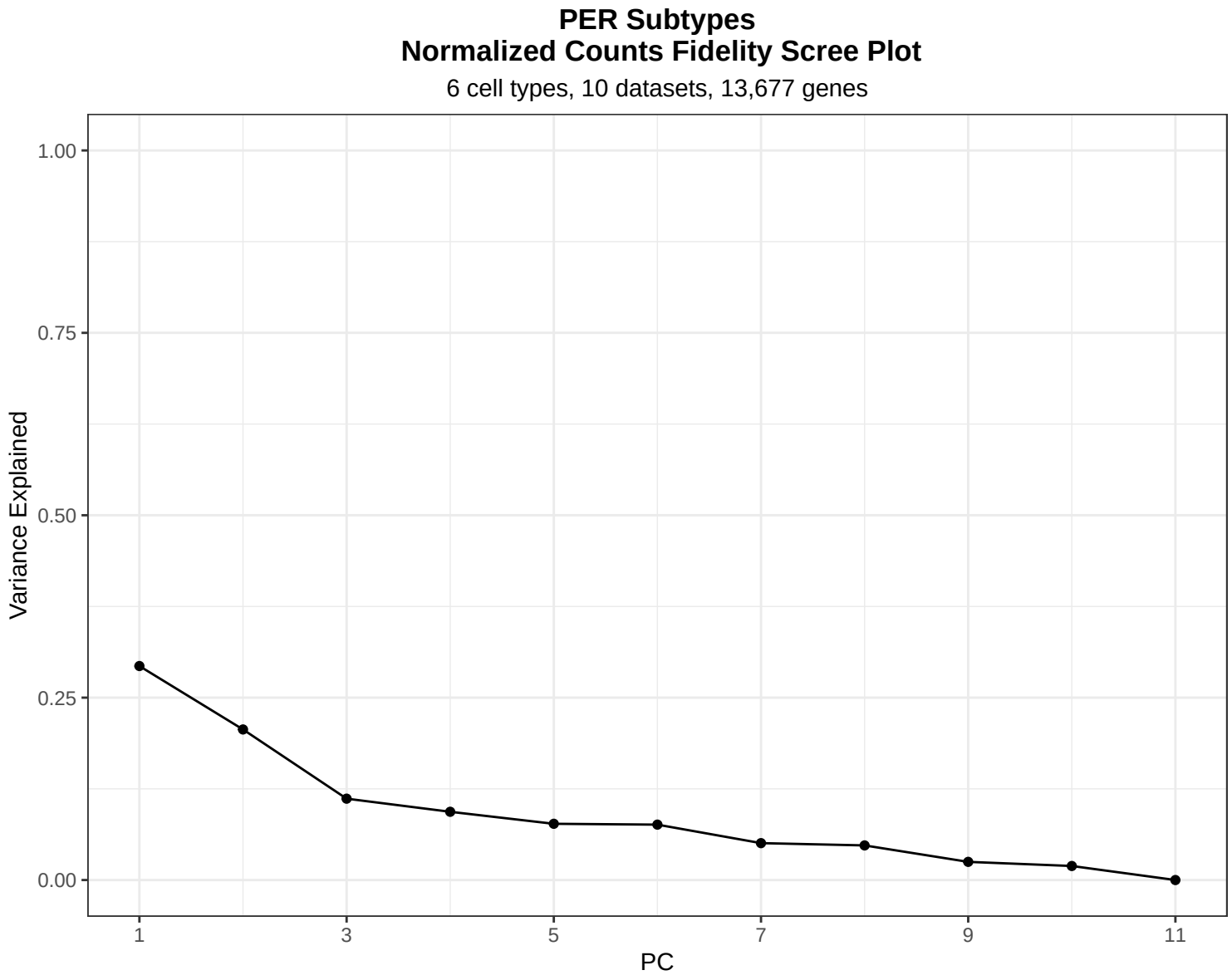
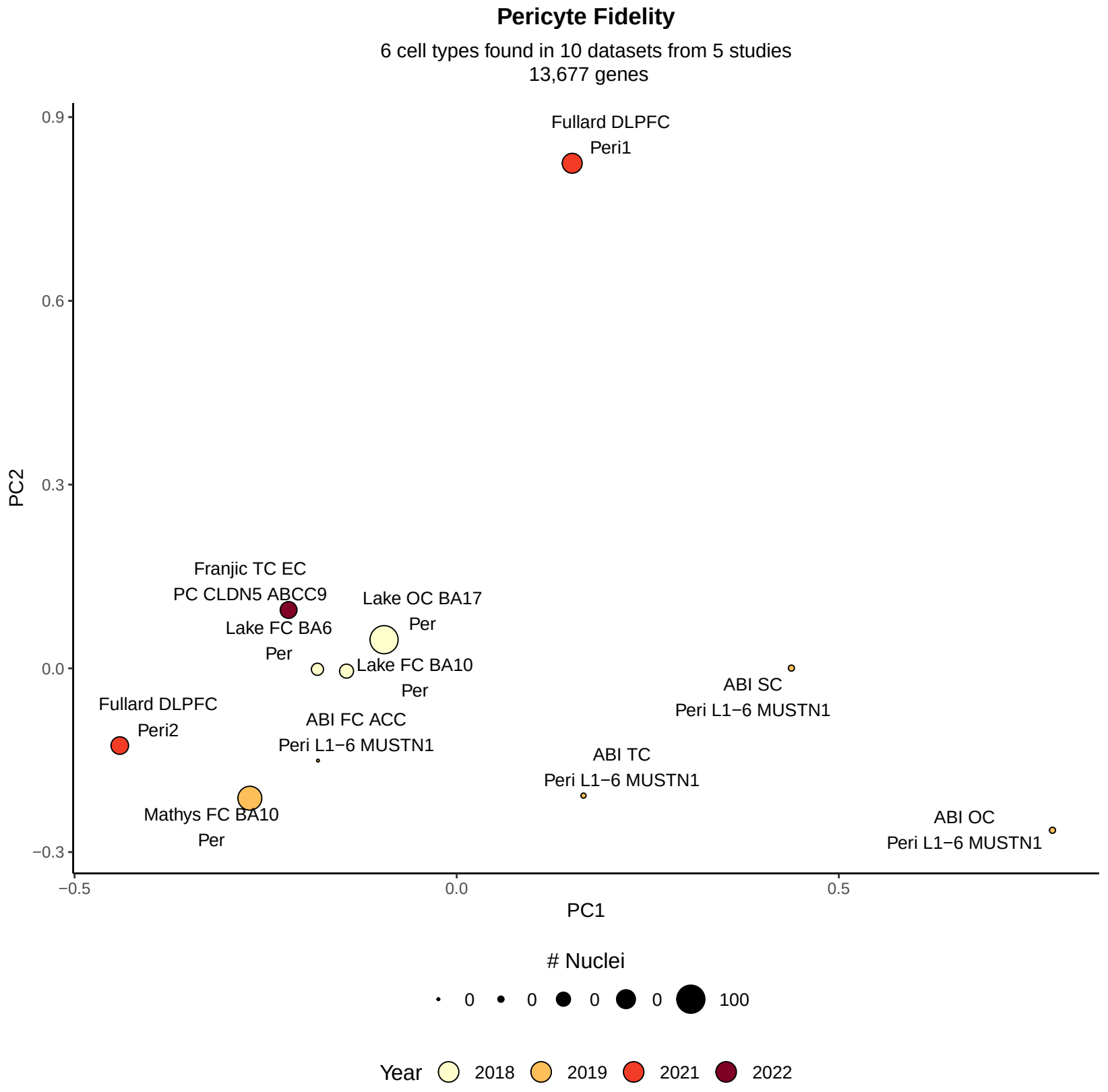
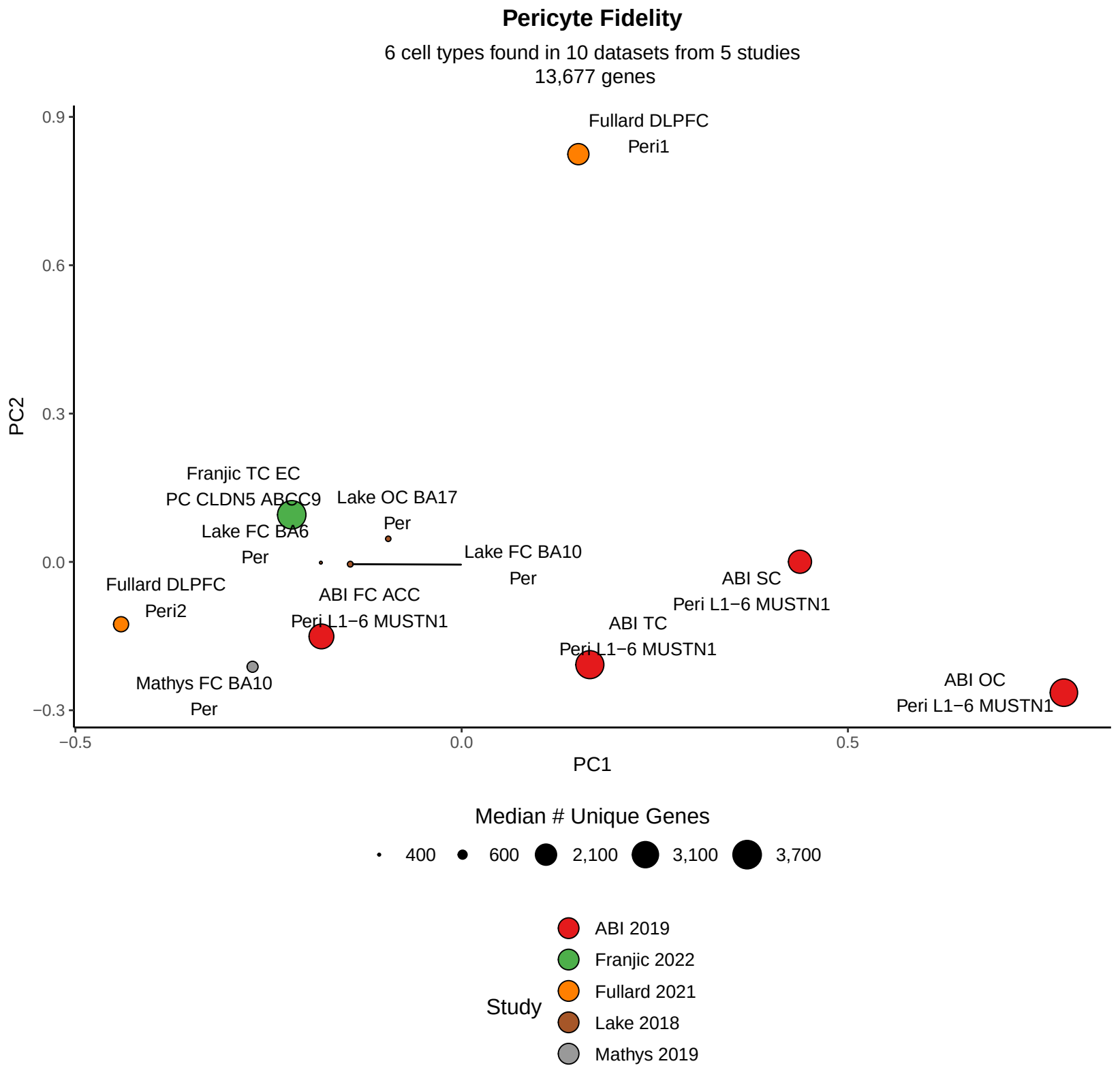

PER Subtypes
Normalized Counts Fidelity Scree Plot
6 cell types, 10 datasets, 13,677 genes
Variance Explained
1.00
0.75
0.50
0.25
0.00
1
3
5
7
9
11
PC


Pericyte Fidelity
6 cell types found in 10 datasets from 5 studies
13,677 genes
Fullard DLPFC
Peri1
Franjic TC EC
PC CLDN5 ABCC9
Lake OC BA17
Per
Lake FC BA6
Per
Lake FC BA10
Per
Fullard DLPFC
Peri2
ABI FC ACC
Peri L1−6 MUSTN1
ABI SC
Peri L1−6 MUSTN1
ABI TC
Peri L1−6 MUSTN1
Mathys FC BA10
Per
ABI OC
Peri L1−6 MUSTN1
PC2
PC1
0.9
0.6
0.3
0.0
−0.3
−0.5
0.0
0.5
Nuclei
0
0
0
0
100
Year
2018
2019
2021
2022


Pericyte Fidelity
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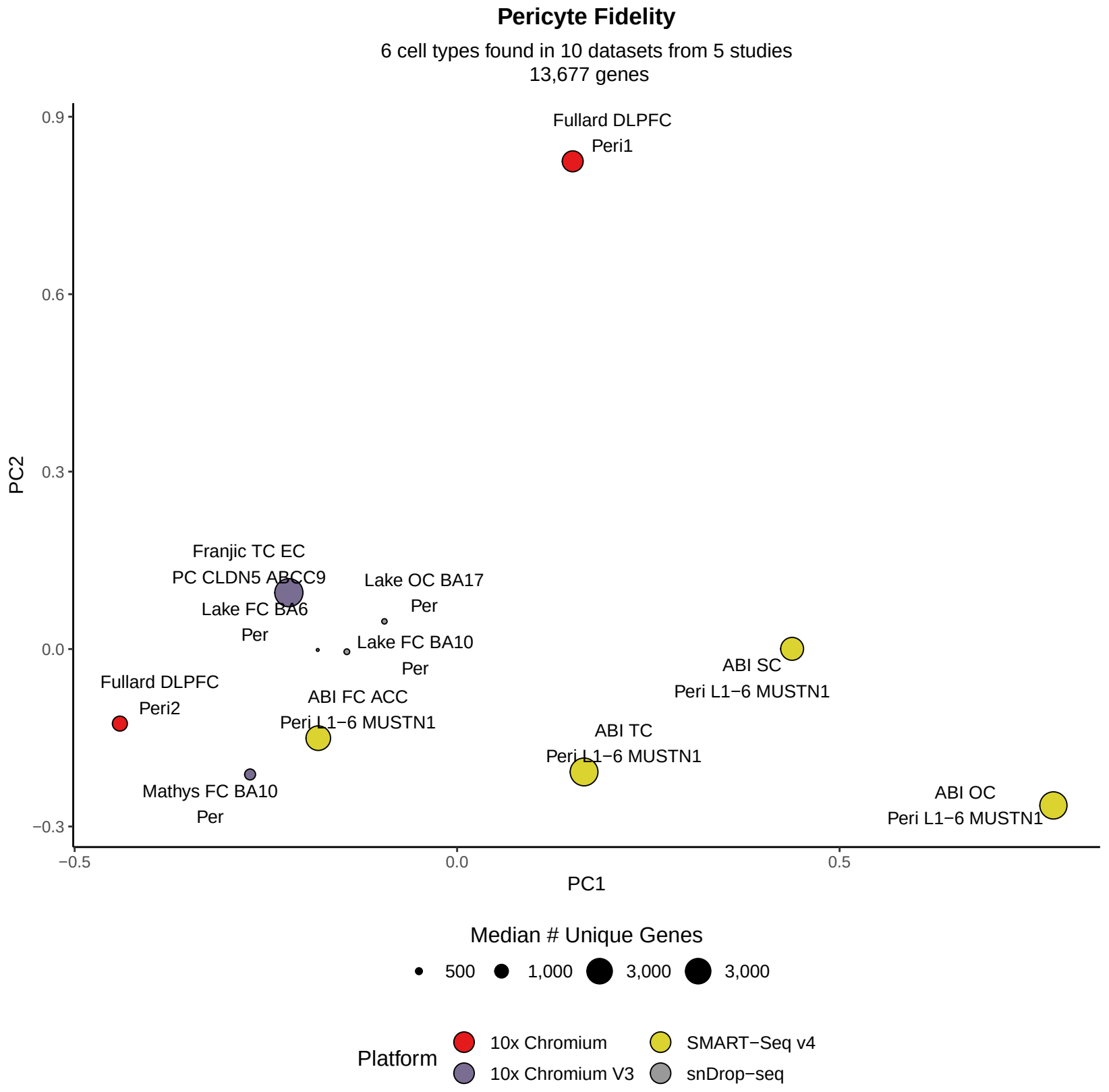
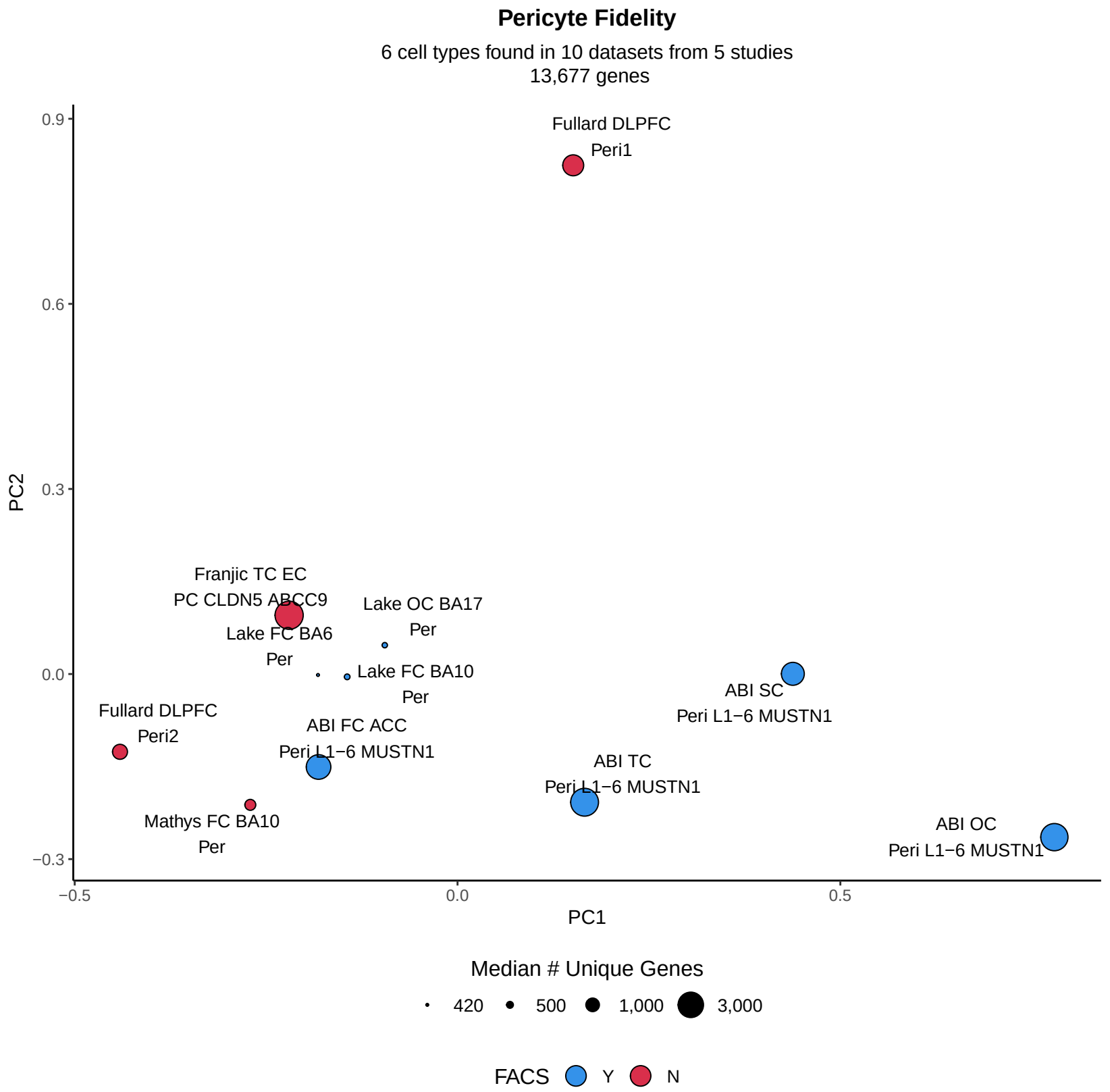
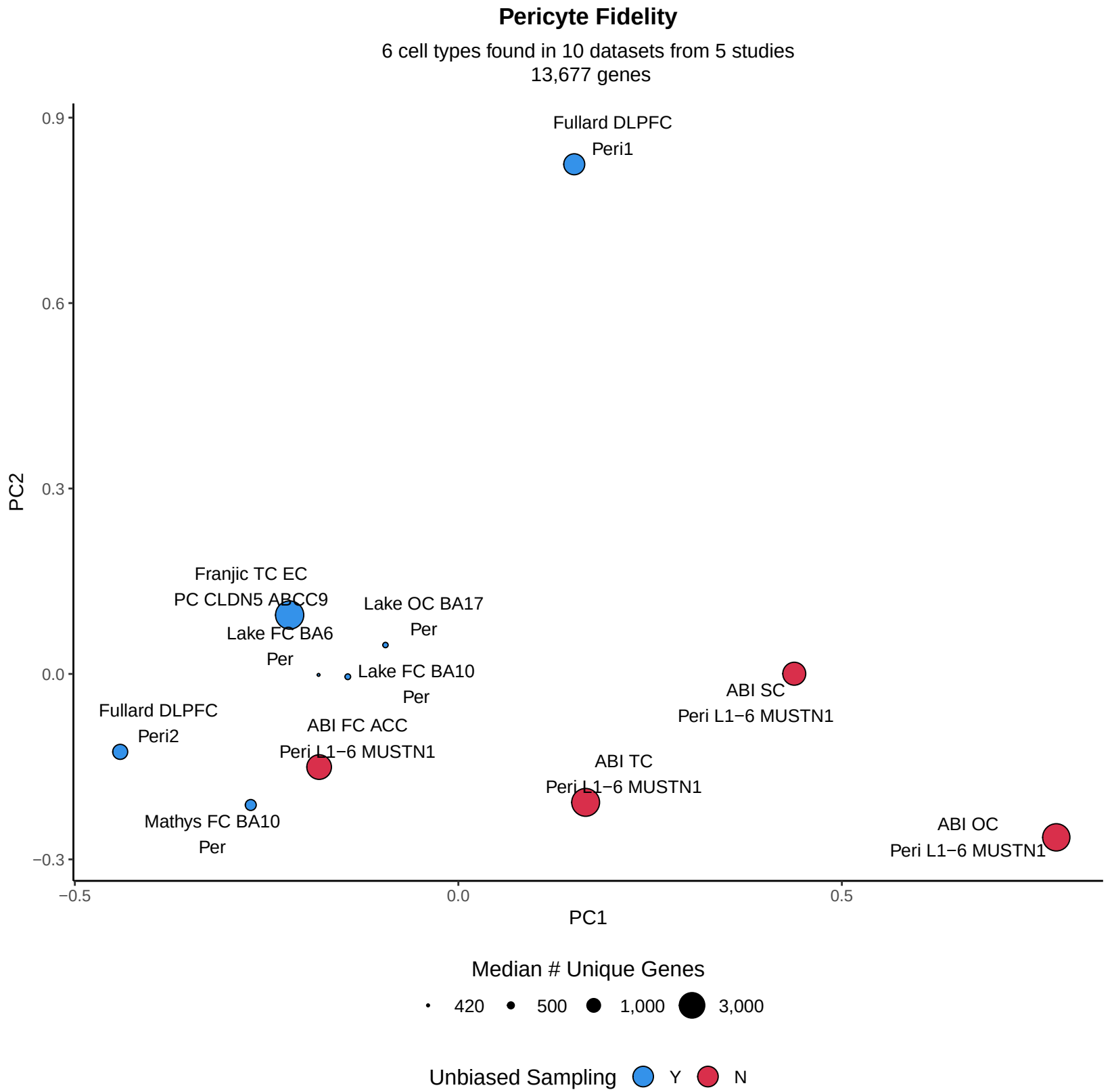
Peri1
Franjic TC EC
PC CLDN5 ABCC9
Lake OC BA17
Per
Lake FC BA6
Per
Lake FC BA10
Per
ABI SC
Peri L1−6 MUSTN1
Fullard DLPFC
Peri2
ABI FC ACC
Peri L1−6 MUSTN1
ABI TC
Peri L1−6 MUSTN1
Mathys FC BA10
Per
ABI OC
Peri L1−6 MUSTN1
PC2
PC1
0.9
0.6
0.3
0.0
−0.3
−0.5
0.0
0.5
Median # Unique Genes
400
600
2,100
3,100
3,700
Study
ABI 2019
Franjic 2022
Fullard 2021
Lake 2018
Mathys 2019


Pericyte Fidelity
6 cell types found in 10 datasets from 5 studies
13,677 genes
Fullard DLPFC
Peri1
Franjic TC EC
PC CLDN5 ABCC9
Lake OC BA17
Per
Lake FC BA6
Per
Lake FC BA10
Per
ABI SC
Peri L1−6 MUSTN1
Fullard DLPFC
Peri2
ABI FC ACC
Peri L1−6 MUSTN1
ABI TC
Peri L1−6 MUSTN1
Mathys FC BA10
Per
ABI OC
Peri L1−6 MUSTN1
PC2
PC1
0.9
0.6
0.3
0.0
−0.3
−0.5
0.0
0.5
Median # Unique Genes
500
1,000
3,000
3,000
Platform
10x Chromium
10x Chromium V3
SMART−Seq v4
snDrop−seq


Pericyte Fidelity
6 cell types found in 10 datasets from 5 studies
13,677 genes
Fullard DLPFC
Peri1
Franjic TC EC
PC CLDN5 ABCC9
Lake OC BA17
Per
Lake FC BA6
Per
Lake FC BA10
Per
ABI SC
Peri L1−6 MUSTN1
Fullard DLPFC
Peri2
ABI FC ACC
Peri L1−6 MUSTN1
ABI TC
Peri L1−6 MUSTN1
Mathys FC BA10
Per
ABI OC
Peri L1−6 MUSTN1
PC2
PC1
0.9
0.6
0.3
0.0
−0.3
−0.5
0.0
0.5
Median # Unique Genes
420
500
1,000
3,000
FACS
Y
N


Pericyte Fidelity
6 cell types found in 10 datasets from 5 studies
13,677 genes
Fullard DLPFC
Peri1
Franjic TC EC
PC CLDN5 ABCC9
Lake OC BA17
Per
Lake FC BA6
Per
Lake FC BA10
Per
ABI SC
Peri L1−6 MUSTN1
Fullard DLPFC
Peri2
ABI FC ACC
Peri L1−6 MUSTN1
ABI TC
Peri L1−6 MUSTN1
Mathys FC BA10
Per
ABI OC
Peri L1−6 MUSTN1
PC2
PC1
0.9
0.6
0.3
0.0
−0.3
−0.5
0.0
0.5
Median # Unique Genes
420
500
1,000
3,000
Unbiased Sampling
Y
N