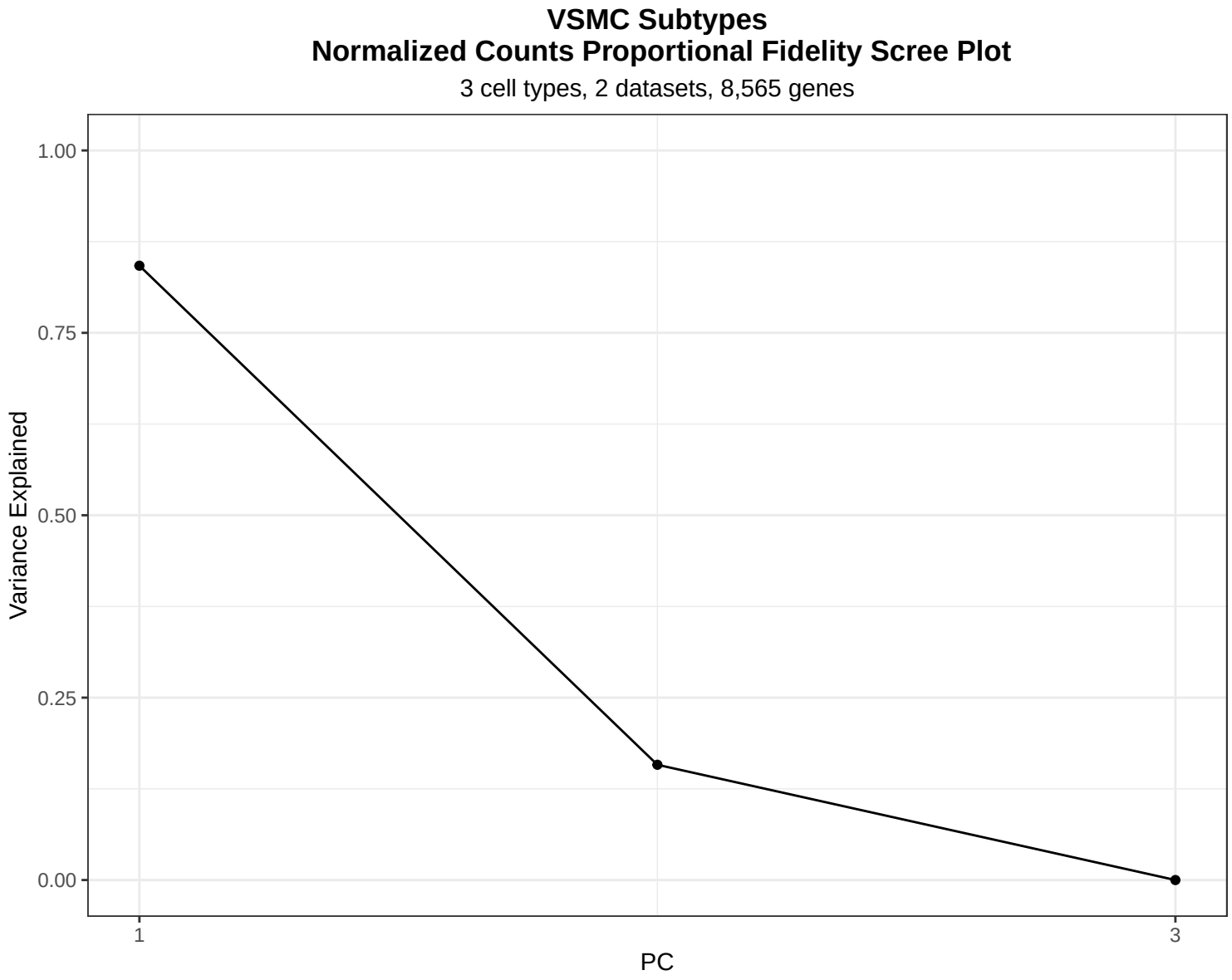
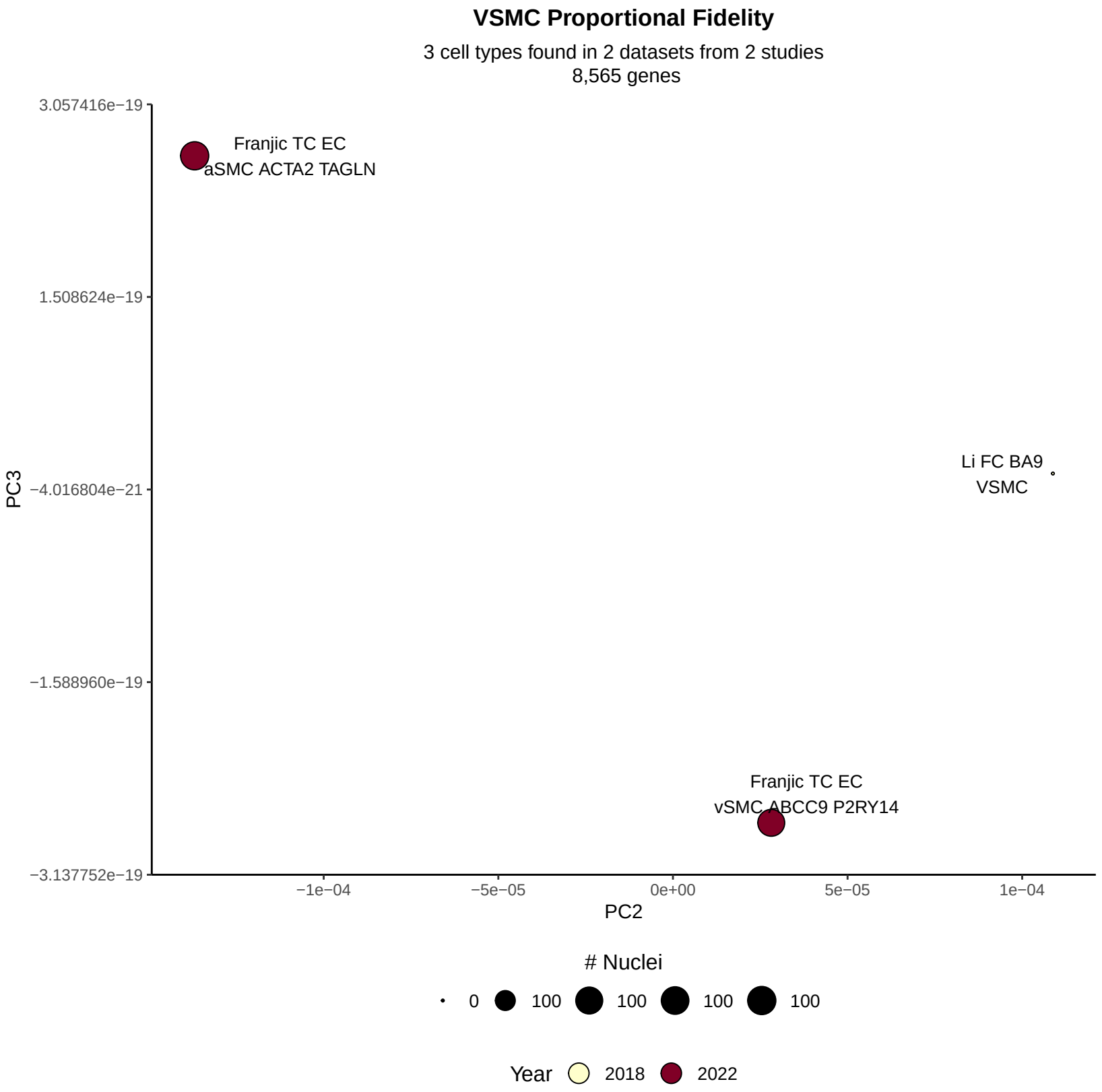
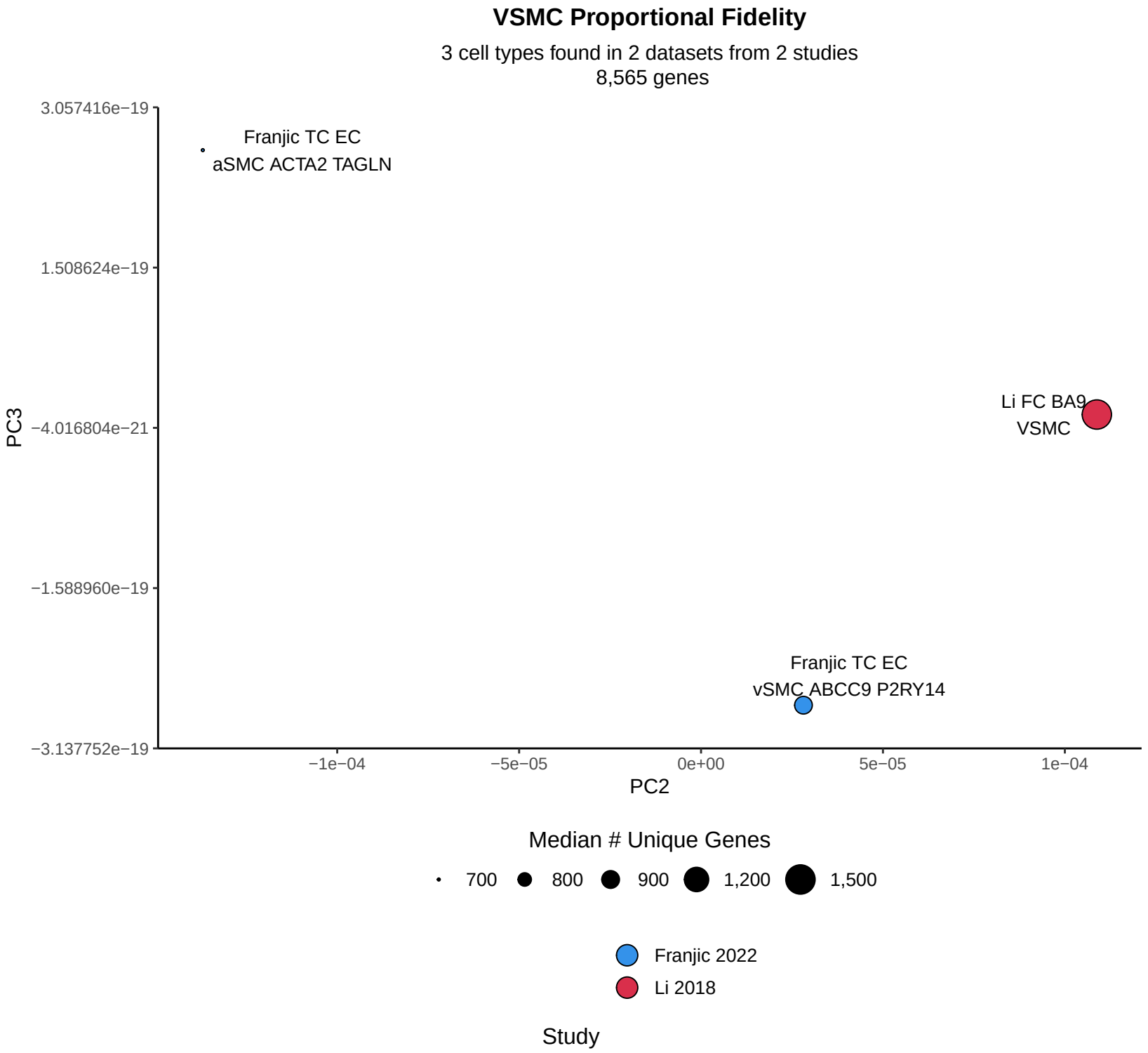
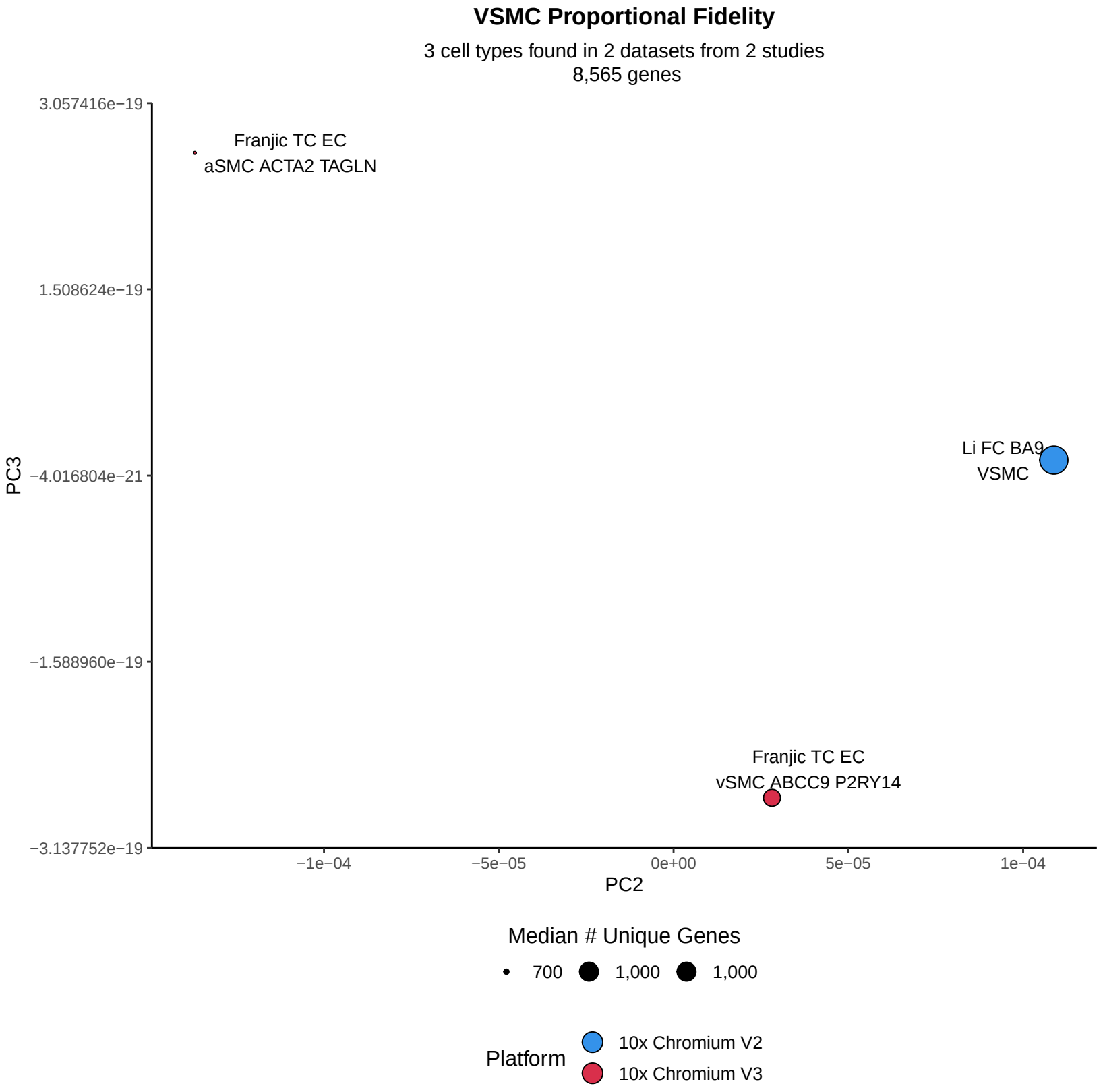
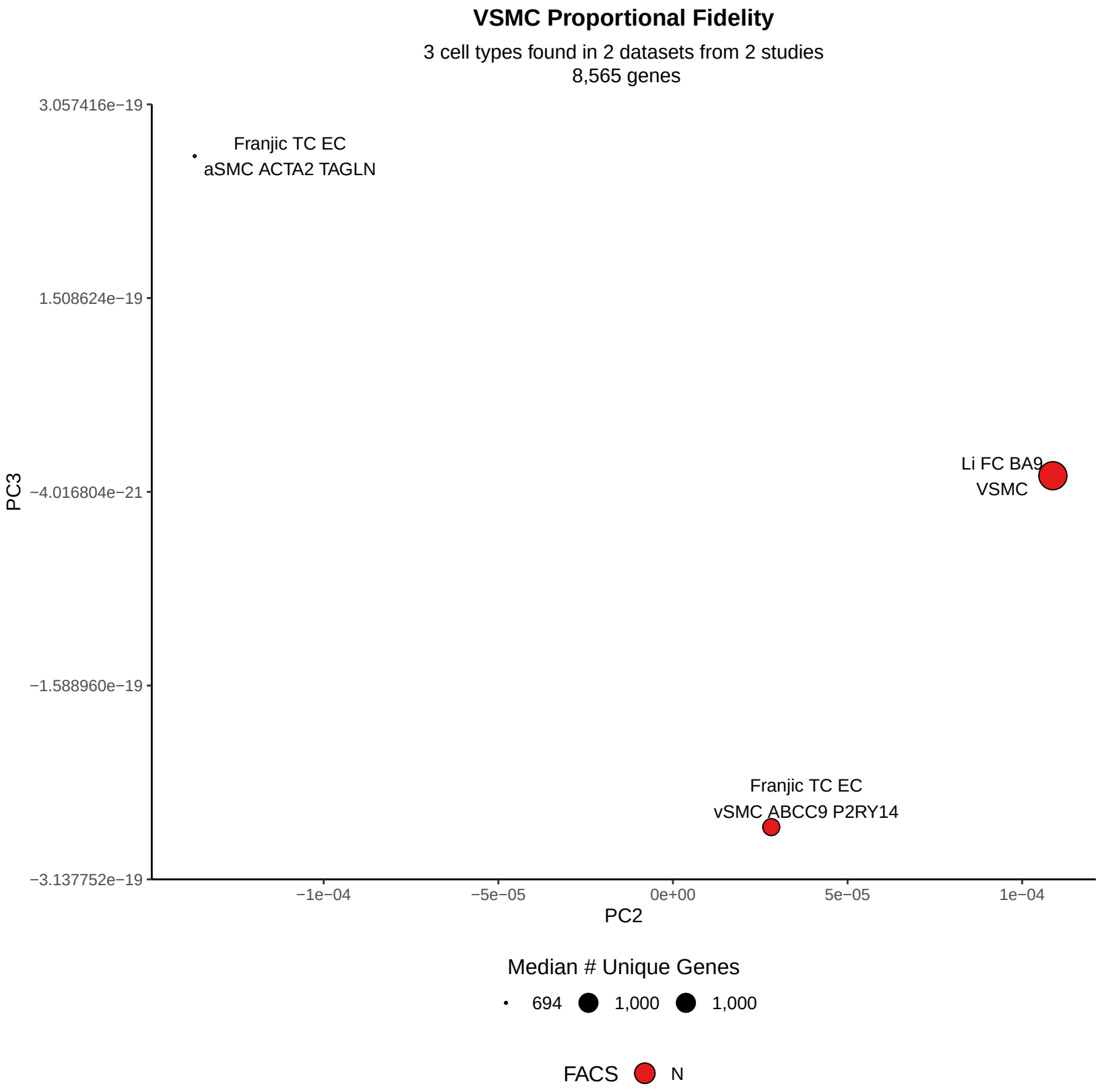
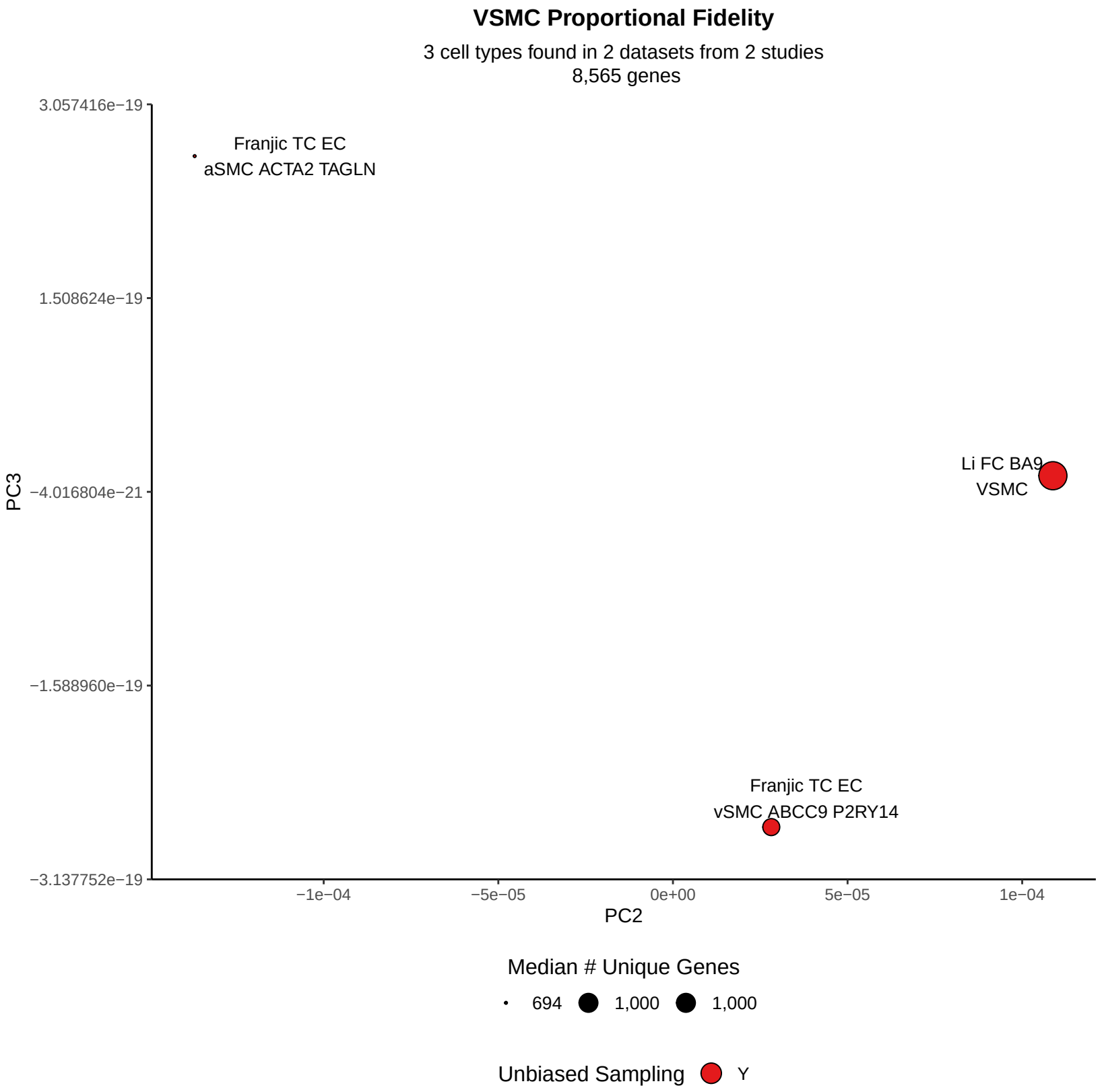

VSMC Subtypes
Normalized Counts Proportional Fidelity Scree Plot
3 cell types, 2 datasets, 8,565 genes
Variance Explained
1.00
0.75
0.50
0.25
0.00
1
3
PC


VSMC Proportional Fidelity
3 cell types found in 2 datasets from 2 studies
8,565 genes
3.057416e−19
1.508624e−19
−4.016804e−21
−1.588960e−19
−3.137752e−19
PC3
Franjic TC EC
aSMC ACTA2 TAGLN
Li FC BA9
VSMC
Franjic TC EC
vSMC ABCC9 P2RY14
−1e−04
−5e−05
0e+00
5e−05
1e−04
PC2
Nuclei
0
100
100
100
100
Year
2018
2022


VSMC Proportional Fidelity
3 cell types found in 2 datasets from 2 studies
8,565 genes
3.057416e−19
1.508624e−19
−4.016804e−21
−1.588960e−19
−3.137752e−19
PC3
Franjic TC EC
aSMC ACTA2 TAGLN
Li FC BA9
VSMC
Franjic TC EC
vSMC ABCC9 P2RY14
−1e−04
−5e−05
0e+00
5e−05
1e−04
PC2
Median # Unique Genes
700
800
900
1,200
1,500
Franjic 2022
Li 2018
Study


VSMC Proportional Fidelity
3 cell types found in 2 datasets from 2 studies
8,565 genes
3.057416e−19
1.508624e−19
−4.016804e−21
−1.588960e−19
−3.137752e−19
PC3
Franjic TC EC
aSMC ACTA2 TAGLN
Li FC BA9
VSMC
Franjic TC EC
vSMC ABCC9 P2RY14
−1e−04
−5e−05
0e+00
5e−05
1e−04
PC2
Median # Unique Genes
700
1,000
1,000
Platform
10x Chromium V2
10x Chromium V3


VSMC Proportional Fidelity
3 cell types found in 2 datasets from 2 studies
8,565 genes
3.057416e−19
1.508624e−19
−4.016804e−21
−1.588960e−19
−3.137752e−19
PC3
Franjic TC EC
aSMC ACTA2 TAGLN
Li FC BA9
VSMC
Franjic TC EC
vSMC ABCC9 P2RY14
−1e−04
−5e−05
0e+00
5e−05
1e−04
PC2
Median # Unique Genes
694
1,000
1,000
FACS
N


VSMC Proportional Fidelity
3 cell types found in 2 datasets from 2 studies
8,565 genes
3.057416e−19
1.508624e−19
−4.016804e−21
−1.588960e−19
−3.137752e−19
PC3
Franjic TC EC
aSMC ACTA2 TAGLN
Li FC BA9
VSMC
Franjic TC EC
vSMC ABCC9 P2RY14
−1e−04
−5e−05
0e+00
5e−05
1e−04
PC2
Median # Unique Genes
694
1,000
1,000
Unbiased Sampling
Y