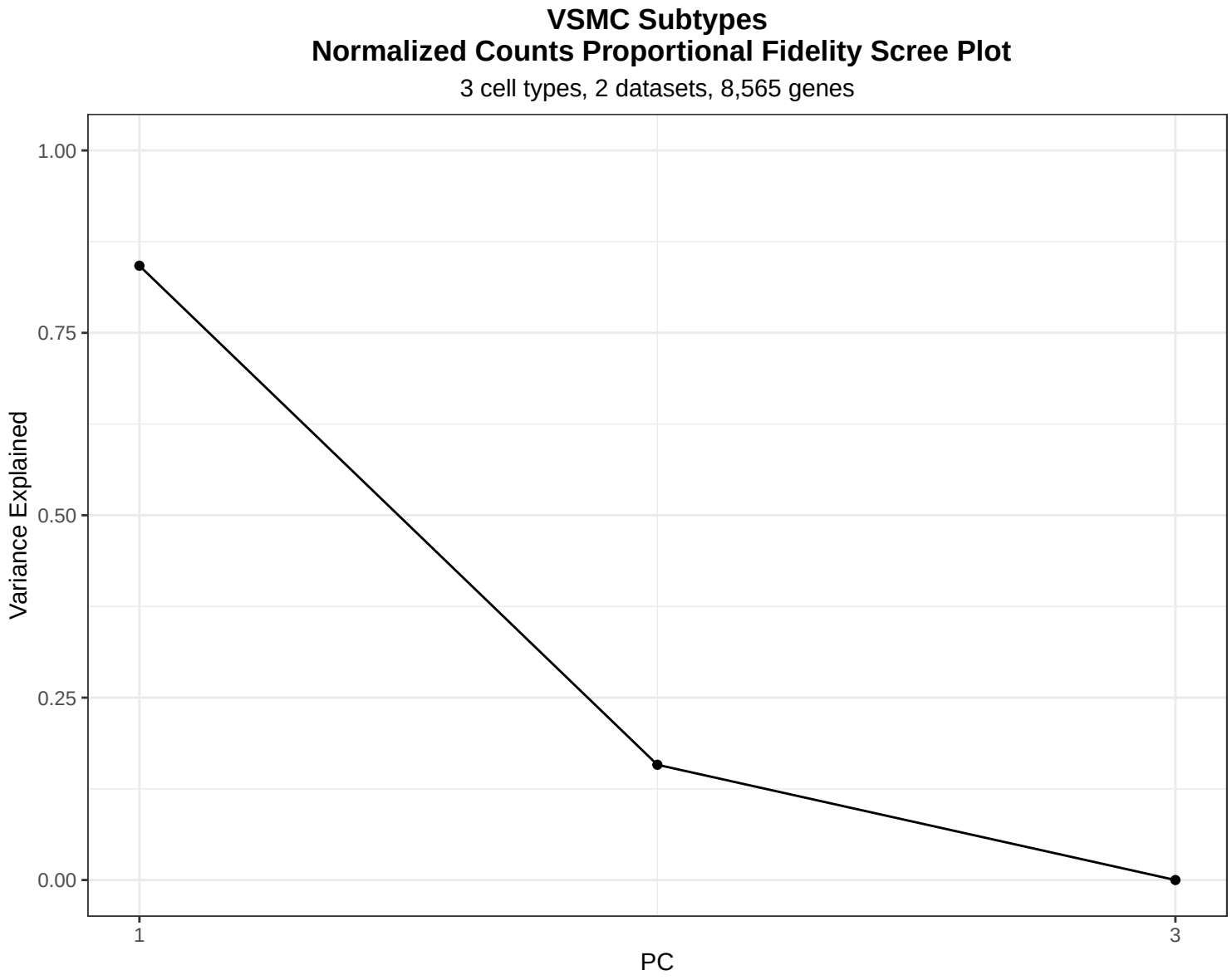
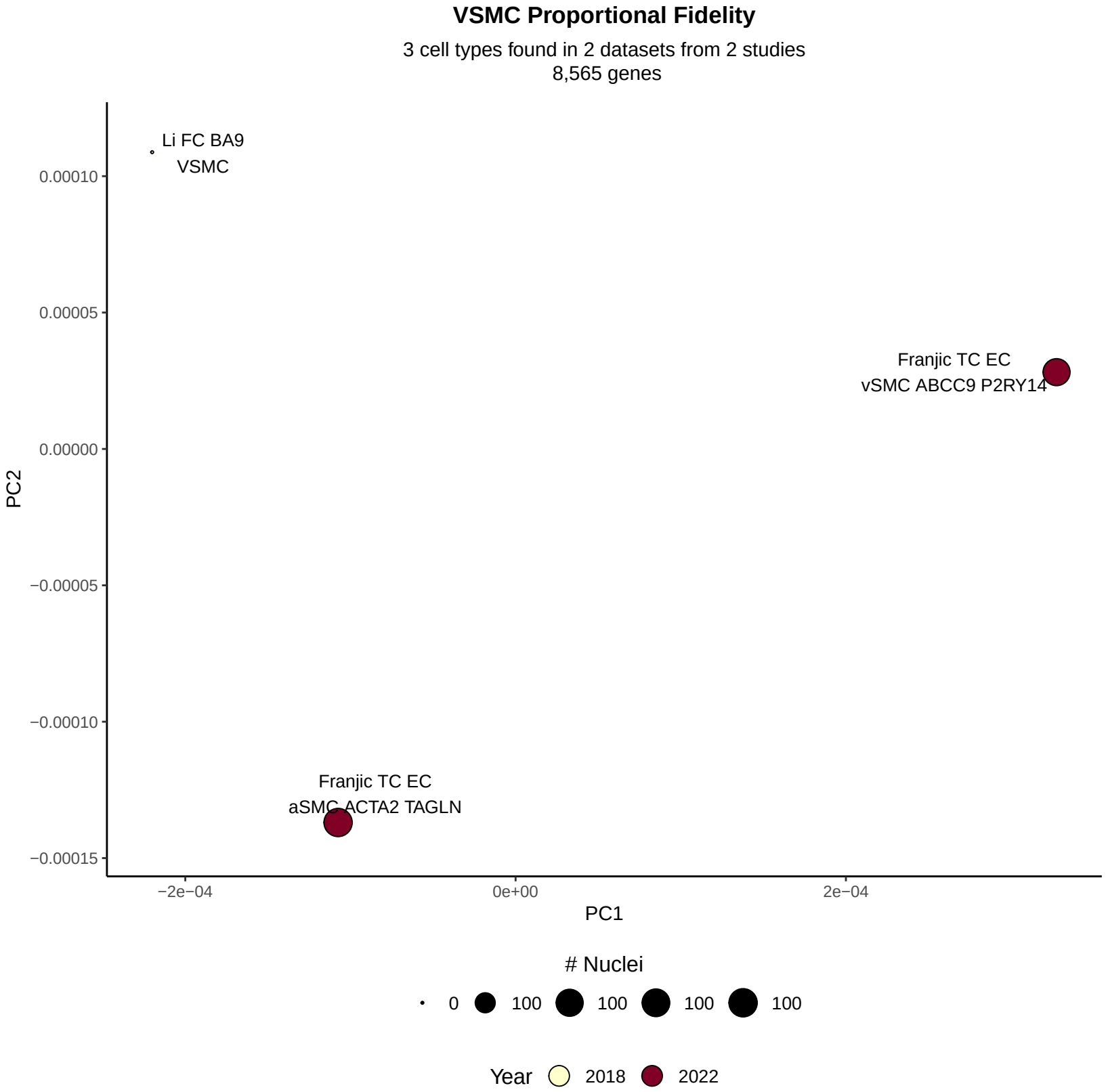
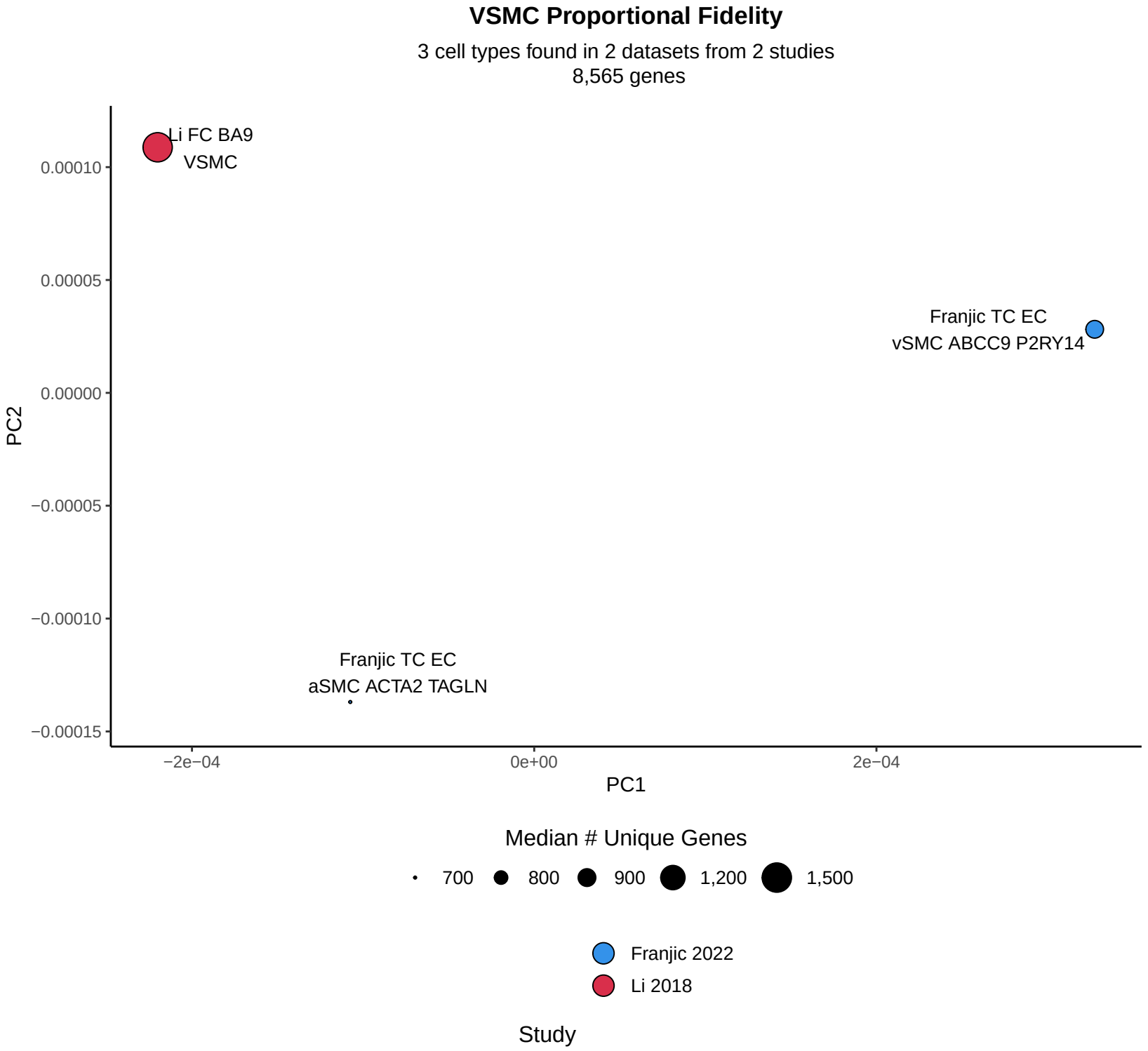

VSMC Subtypes
Normalized Counts Proportional Fidelity Scree Plot
3 cell types, 2 datasets, 8,565 genes
Variance Explained
1.00
0.75
0.50
0.25
0.00
1
3
PC


VSMC Proportional Fidelity
3 cell types found in 2 datasets from 2 studies
8,565 genes
Li FC BA9
VSMC
Franjic TC EC
vSMC ABCC9 P2RY14
Franjic TC EC
aSMC ACTA2 TAGLN
0.00010
0.00005
0.00000
−0.00005
−0.00010
−0.00015
PC2
−2e−04
0e+00
2e−04
PC1
Nuclei
0
100
100
100
100
Year
2018
2022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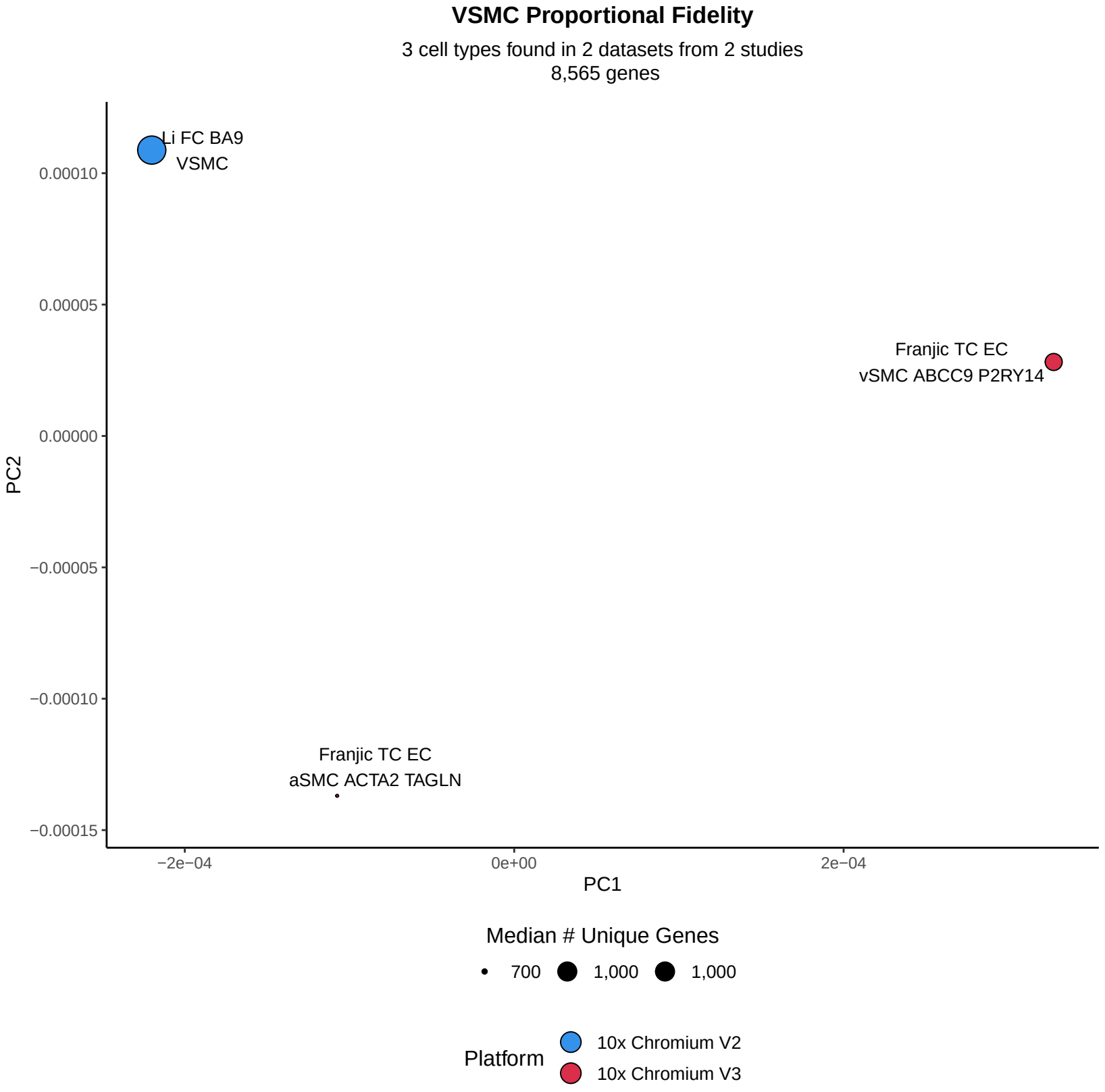
VSMC
Franjic TC EC
vSMC ABCC9 P2RY14
Franjic TC EC
aSMC ACTA2 TAGLN
0.00010
0.00005
0.00000
−0.00005
−0.00010
−0.00015
PC2
−2e−04
0e+00
2e−04
PC1
Median # Unique Genes
700
800
900
1,200
1,500
Franjic 2022
Li 2018
Study


VSMC Proportional Fidelity
3 cell types found in 2 datasets from 2 studies
8,565 genes
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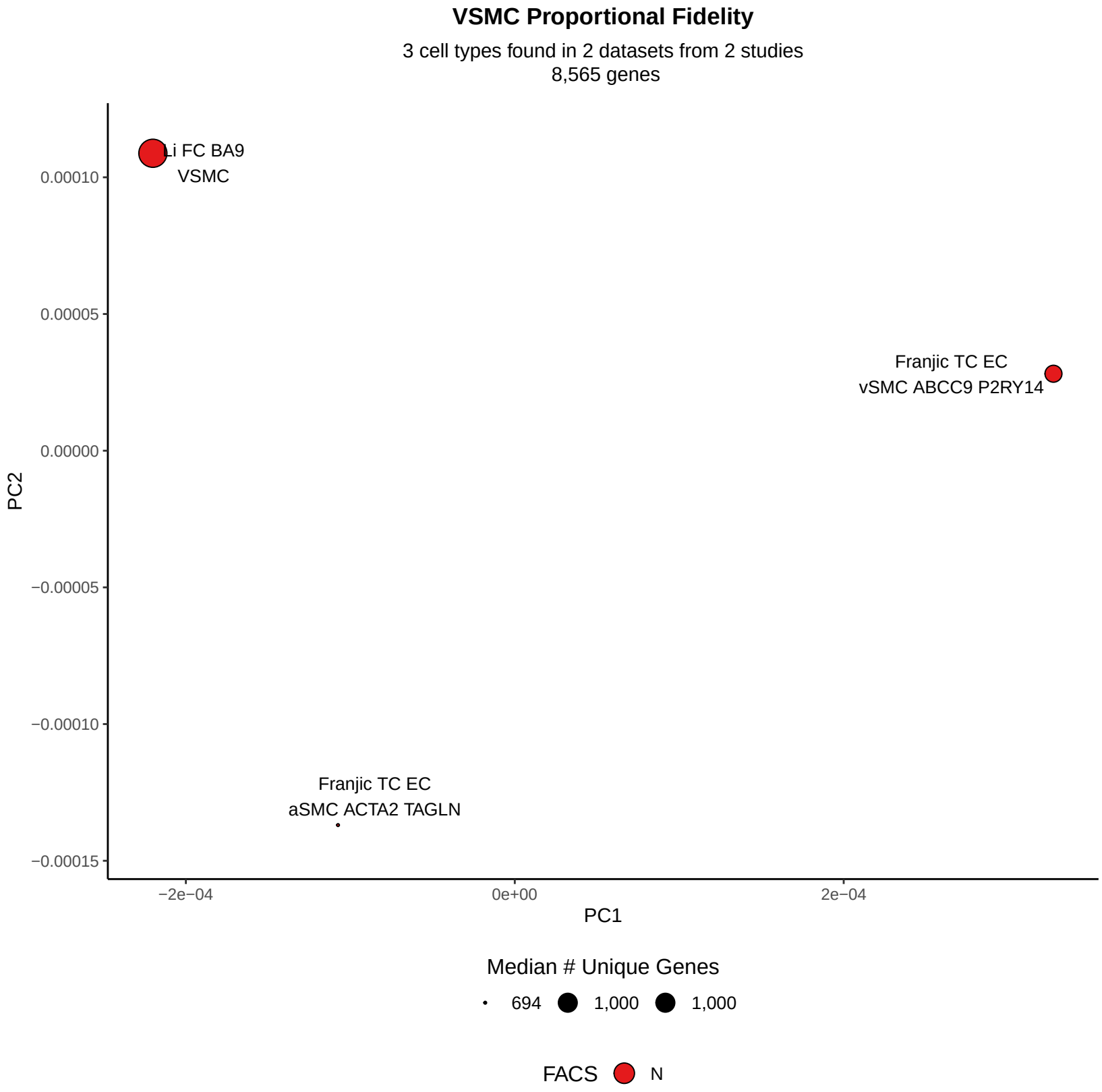
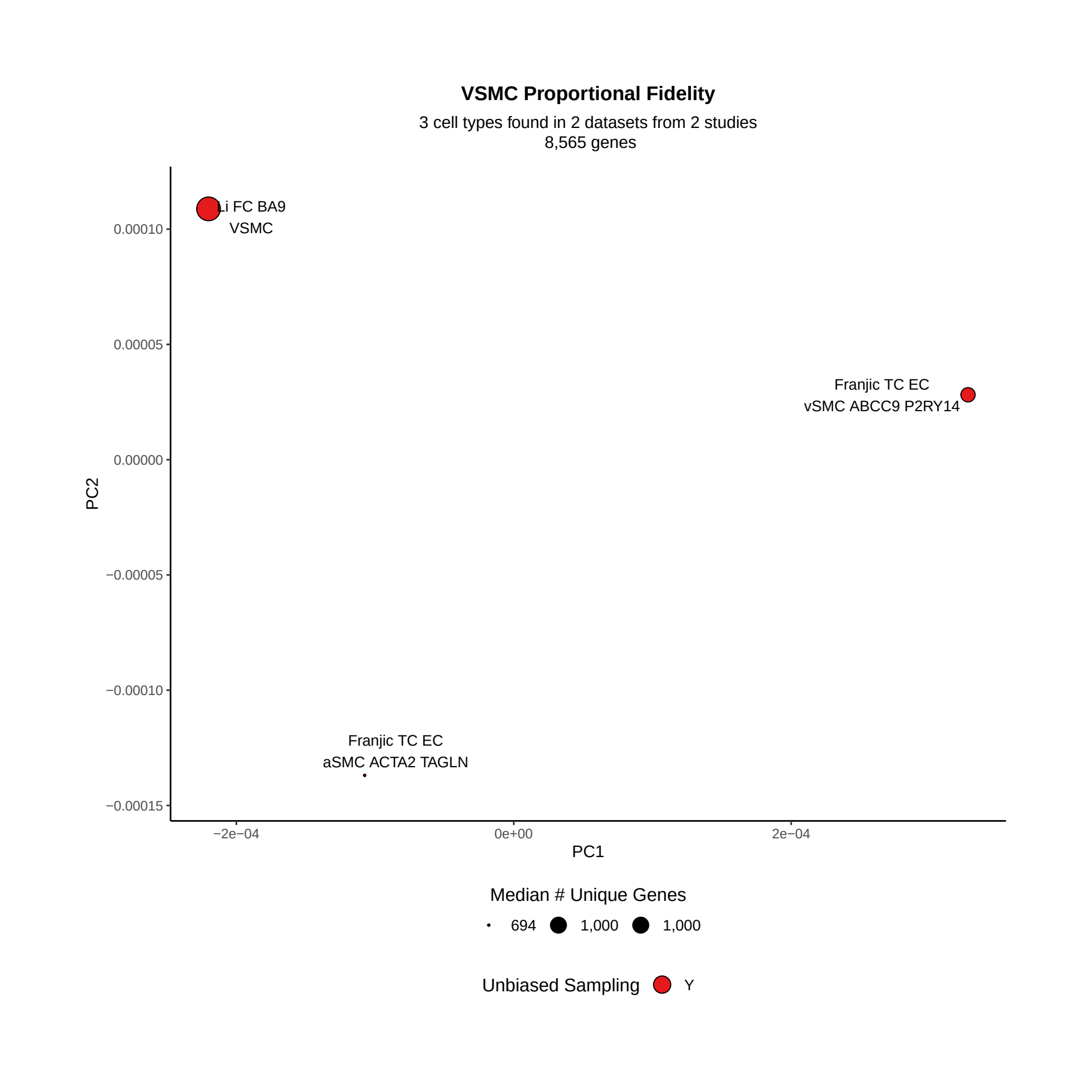
VSMC
Franjic TC EC
vSMC ABCC9 P2RY14
Franjic TC EC
aSMC ACTA2 TAGLN
0.00010
0.00005
0.00000
−0.00005
−0.00010
−0.00015
PC2
−2e−04
0e+00
2e−04
PC1
Median # Unique Genes
700
1,000
1,000
Platform
10x Chromium V2
10x Chromium V3


VSMC Proportional Fidelity
3 cell types found in 2 datasets from 2 studies
8,565 genes
Li FC BA9
VSMC
Franjic TC EC
vSMC ABCC9 P2RY14
Franjic TC EC
aSMC ACTA2 TAGLN
0.00010
0.00005
0.00000
−0.00005
−0.00010
−0.00015
PC2
−2e−04
0e+00
2e−04
PC1
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
Li FC BA9
VSMC
Franjic TC EC
vSMC ABCC9 P2RY14
Franjic TC EC
aSMC ACTA2 TAGLN
0.00010
0.00005
0.00000
−0.00005
−0.00010
−0.00015
PC2
−2e−04
0e+00
2e−04
PC1
Median # Unique Genes
694
1,000
1,000
Unbiased Sampling
Y