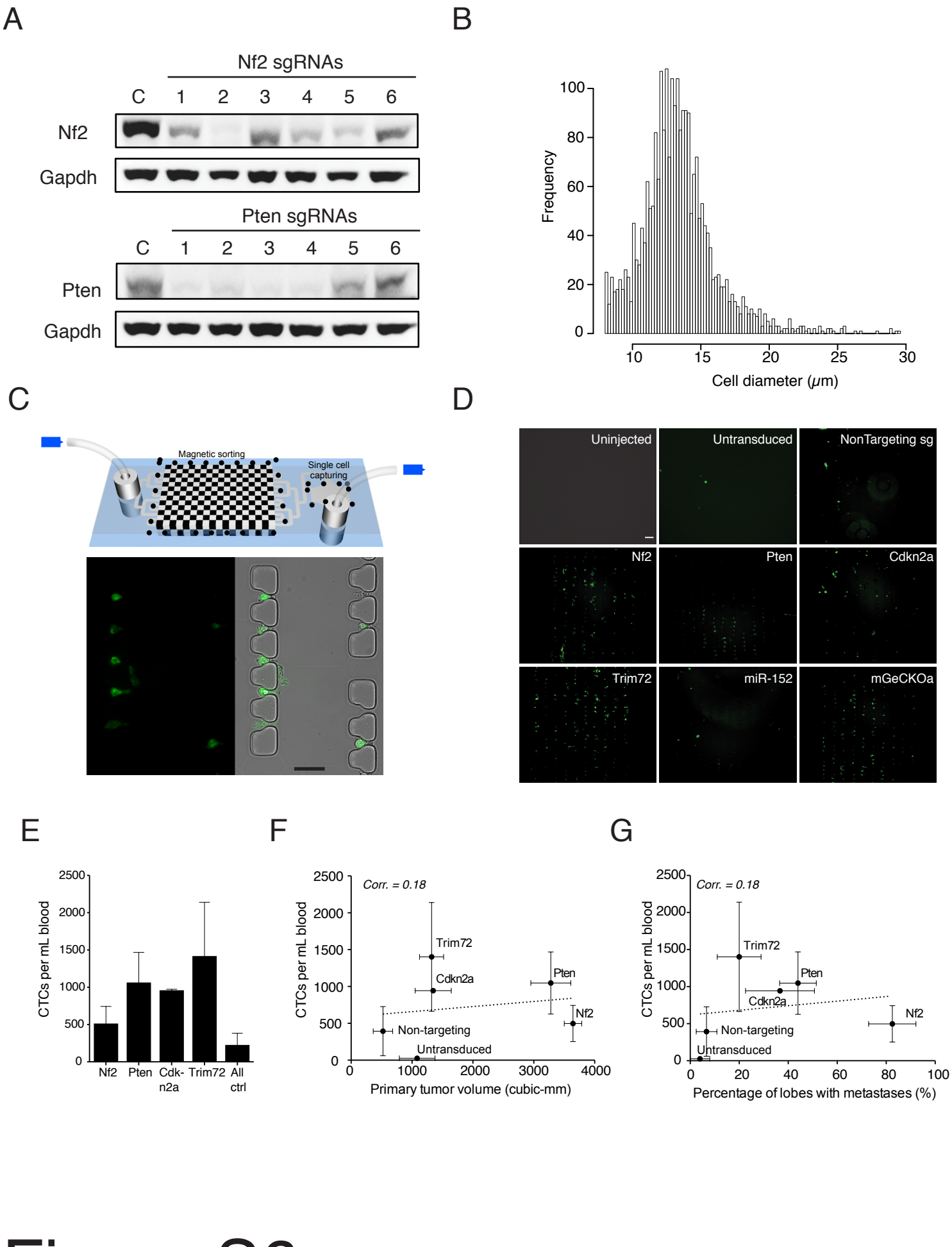
A
Nf2 sgRNAs
C 1 2 3 4 5 6
Nf2
Gapdh
Pten sgRNAs
C 1 2 3 4 5 6
Pten
Gapdh
B
Frequency
Cell diameter (μm)
C
Magnetic sorting
Single cell capturing
D
Uninjected
Untransduced
NonTargeting sg
Nf2
Pten
Cdkn2a
Trim72
miR-152
mGeCKOa
E
CTCs per mL blood
Nf2
Pten
Cdk-n2a
Trim72
All ctrl
F
Corr. = 0.18
CTCs per mL blood
Trim72
Cdkn2a
Pten
Nf2
Non-targeting
Untransduced
Primary tumor volume (cubic-mm)
G
Corr. = 0.18
CTCs per mL blood
Trim72
Pten
Cdkn2a
Nf2
Non-targeting
Untransduced
Percentage of lobes with metastases (%)

Figure S6