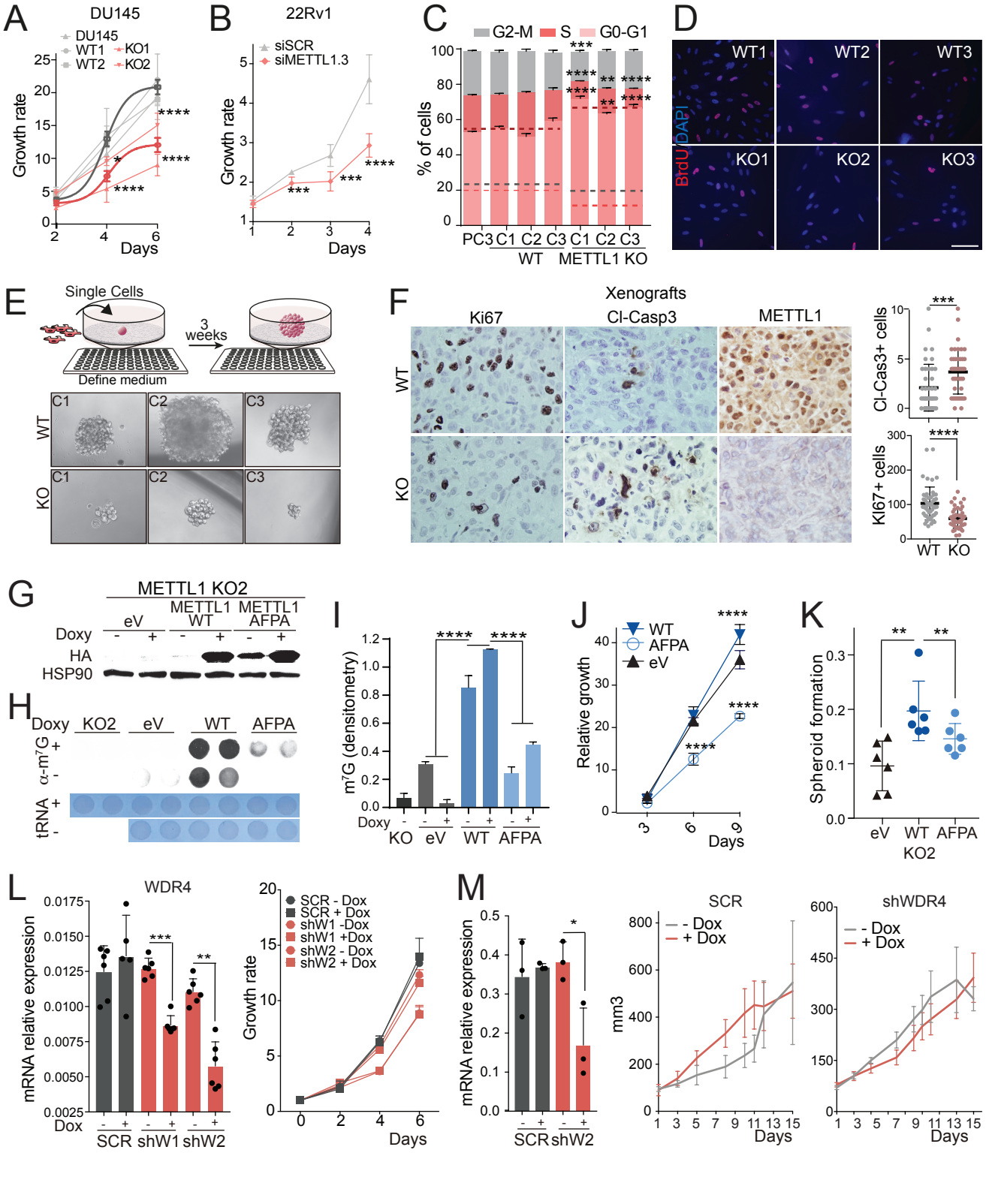
A
DU145
DU145
WT1
WT2
KO1
KO2
Growth rate
Days
B
22Rv1
siSCR
siMETTL1.3
Growth rate
Days
C
G2-M
S
G0-G1
% of cells
PC3 C1 C2 C3 C1 C2 C3
WT
METTL1 KO
D
WT1
WT2
WT3
KO1
KO2
KO3
BrdU/DAPI
E
Single Cells
3 weeks
Define medium
WT
KO
C1
C2
C3
F
Xenografts
Ki67
Cl-Casp3
METTL1
WT
KO
Cl-Cas3+ cells
Ki67+ cells
WT KO
G
METTL1 KO2
eV
METTL1 WT
METTL1 AFPA
Doxy
HA
HSP90
H
Doxy
KO2
eV
WT
AFPA
α-m7G
tRNA
I
m7G (densitometry)
Doxy
KO eV WT AFPA
J
WT
AFPA
eV
Relative growth
Days
K
Spheroid formation
eV WT AFPA
KO2
L
WDR4
mRNA relative expression
Dox
SCR shW1 shW2
SCR - Dox
SCR + Dox
shW1 -Dox
shW1 +Dox
shW2 - Dox
shW2 + Dox
Growth rate
Days
M
mRNA relative expression
SCR shW2
SCR
- Dox
+ Dox
mm3
Days
shWDR4
- Dox
+ Dox
Days