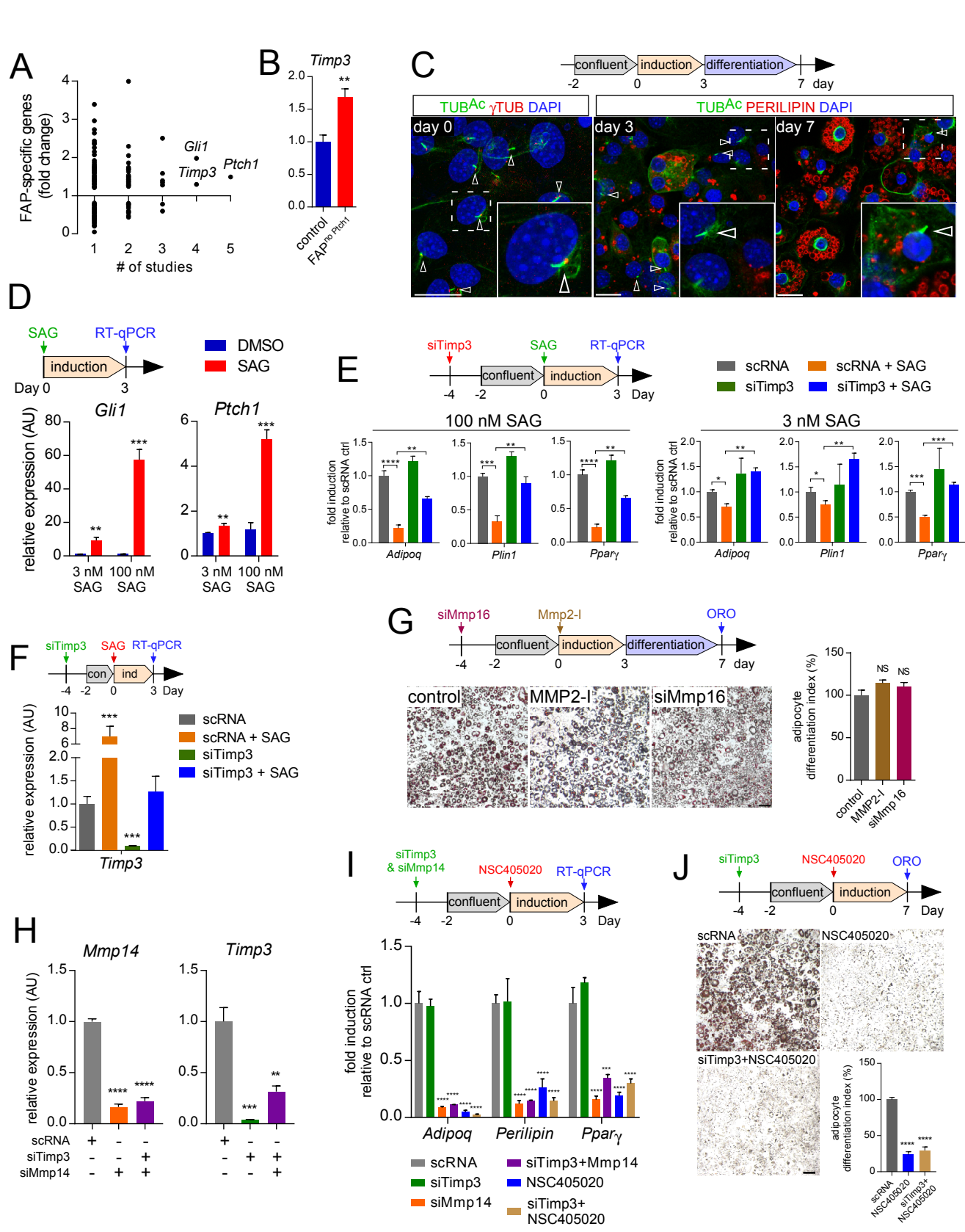
A
FAP-specific genes (fold change)
Gli1
Timp3
Ptch1
# of studies
B
Timp3
control
FAP^DG Ptch1
C
confluent
induction
differentiation
-2
0
3
7 day
TUB^Ac γTUB DAPI
TUB^Ac PERILIPIN DAPI
day 0
day 3
day 7
D
SAG
RT-qPCR
induction
Day 0
3
DMSO
SAG
Gli1
Ptch1
relative expression (AU)
3 nM SAG
100 nM SAG
E
siTimp3
SAG
RT-qPCR
confluent
induction
-4
-2
0
3 Day
scRNA
scRNA + SAG
siTimp3
siTimp3 + SAG
100 nM SAG
3 nM SAG
fold induction relative to scRNA ctrl
Adipoq
Plin1
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F
siTimp3
SAG
RT-qPCR
con
ind
-4
-2
0
3 Day
relative expression (AU)
scRNA
scRNA + SAG
siTimp3
siTimp3 + SAG
Timp3
G
siMmp16
Mmp2-I
ORO
confluent
induction
differentiation
-4
-2
0
3
7 day
control
MMP2-I
siMmp16
adipocyte differentiation index (%)
NS
NS
control
MMP2-I
siMmp16
H
Mmp14
Timp3
relative expression (AU)
scRNA
siTimp3
siMmp14
I
siTimp3 & siMmp14
NSC405020
RT-qPCR
confluent
induction
-4
-2
0
3 Day
fold induction relative to scRNA ctrl
Adipoq
Perilipin
Pparγ
scRNA
siTimp3
siMmp14
siTimp3+Mmp14
NSC405020
siTimp3+ NSC405020
J
siTimp3
NSC405020
ORO
confluent
induction
-4
-2
0
7 Day
scRNA
NSC405020
siTimp3+NSC405020
adipocyte differentiation index (%)
scRNA
NSC405020
siTimp3+ NSC405020