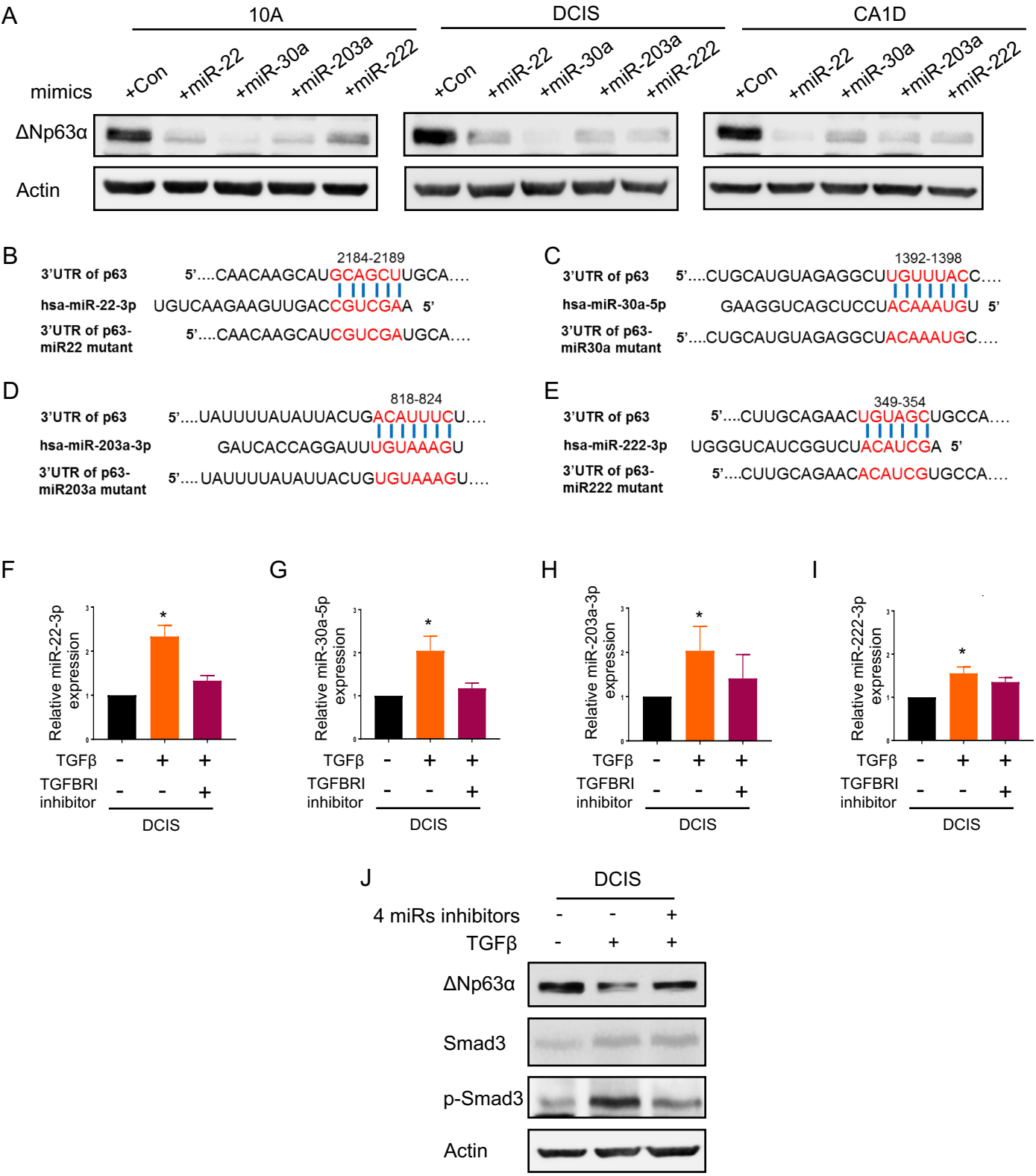
A
10A
DCIS
CA1D
mimics
+Con
+miR-22
+miR-30a
+miR-203a
+miR-222
ΔNp63α
Actin
B
2184-2189
3'UTR of p63
5'....CAACAAGCAUGCAGCUUGCA....
hsa-miR-22-3p
UGUCAAGAAGUUGACCGUCGAA 5'
3'UTR of p63-miR22 mutant
5'....CAACAAGCAUCGUCGAUGCA....
C
1392-1398
3'UTR of p63
5'....CUGCAUGUAGAGGCUUGUUUACC....
hsa-miR-30a-5p
GAAGGUCAGCUCCUACAAAUGU 5'
3'UTR of p63-miR30a mutant
5'....CUGCAUGUAGAGGCUACAAAUGC....
D
818-824
3'UTR of p63
5'....UAUUUUAUAUUACUGACAUUUCU....
hsa-miR-203a-3p
GAUCACCAGGAUUUGUAAAGU
3'UTR of p63-miR203a mutant
5'.... UAUUUUAUAUUACUGUGUAAAGU....
E
349-354
3'UTR of p63
5'....CUUGCAGAACUGUAGCUGCCA....
hsa-miR-222-3p
UGGGUCAUCGGUCUACAUCGA 5'
3'UTR of p63-miR222 mutant
5'....CUUGCAGAACACAUCGUGCCA....
F
Relative miR-22-3p expression
G
Relative miR-30a-5p expression
H
Relative miR-203a-3p expression
I
Relative miR-222-3p expression
TGFβ - + +
TGFBRI inhibitor - - +
DCIS
J
DCIS
4 miRs inhibitors - - +
TGFβ - + +
ΔNp63α
Smad3
p-Smad3
Actin