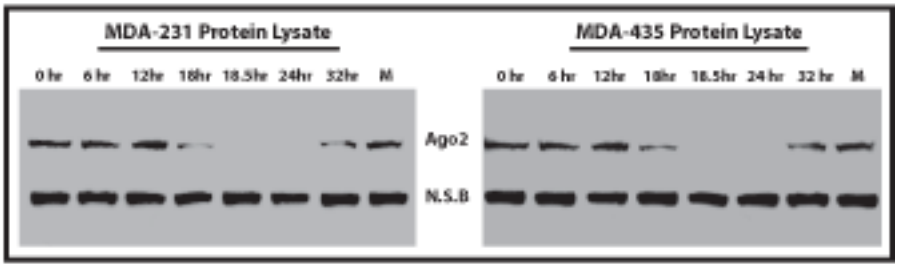
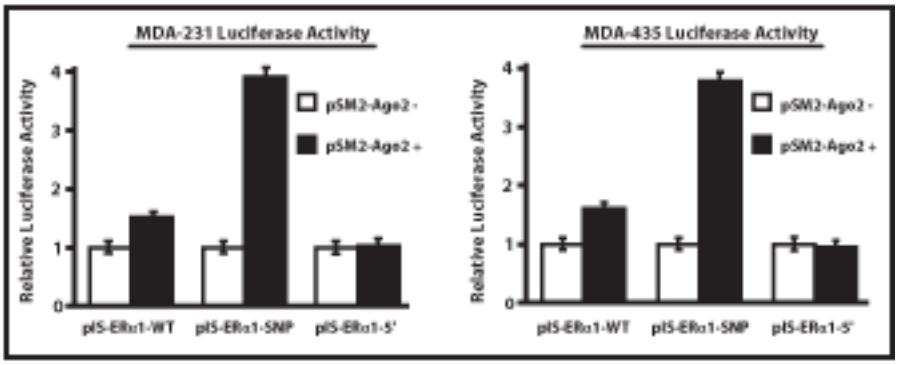
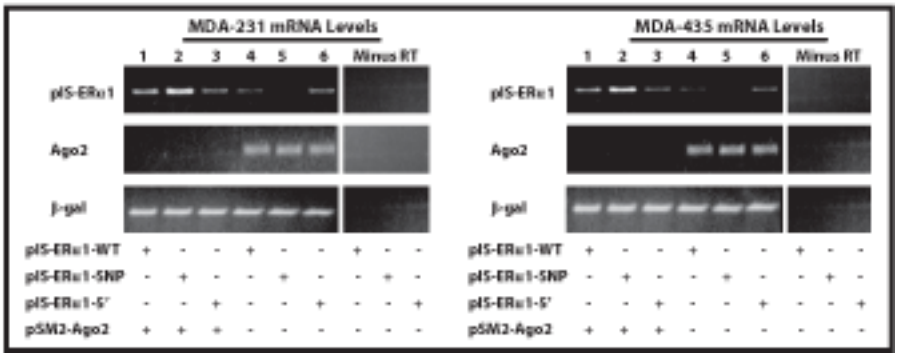
A


MDA-231 Protein Lysate
0 hr 6 hr 12hr 18hr 18.5hr 24hr 32hr M
MDA-435 Protein Lysate
0 hr 6 hr 12hr 18hr 18.5hr 24 hr 32 hr M
Ago2
N.S.B

B


MDA-231 Luciferase Activity
MDA-435 Luciferase Activity
Relative Luciferase Activity
0
1
2
3
4
pSM2-Ago2 -
pSM2-Ago2 +
pIS-ERα1-WT
pIS-ERα1-SNP
pIS-ERα1-5'

C


MDA-231 mRNA Levels
MDA-435 mRNA Levels
1 2 3 4 5 6 Minus RT
pIS-ERα1
Ago2
β-gal
pIS-ERα1-WT + - - + - - + - -
pIS-ERα1-SNP - + - - + - - + -
pIS-ERα1-5' - - + - - + - - +
pSM2-Ago2 + + + - - - - - -