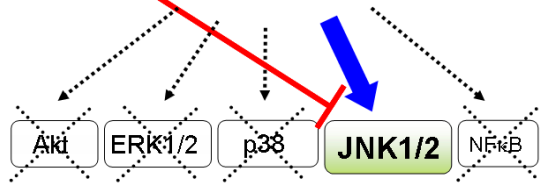


ICI182780 $\rightarrow$ **ERs**^{E2}

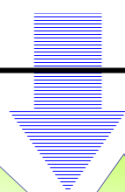
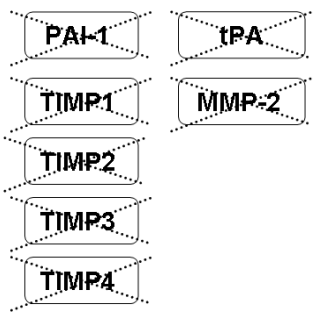
PGE2



SP600125 $\rightarrow$ **JNK1/2**

uPA ↑

MMP-9 ↑



**Estrogen inhibits
PGE2-induced
progression of human
colon cancer cells**