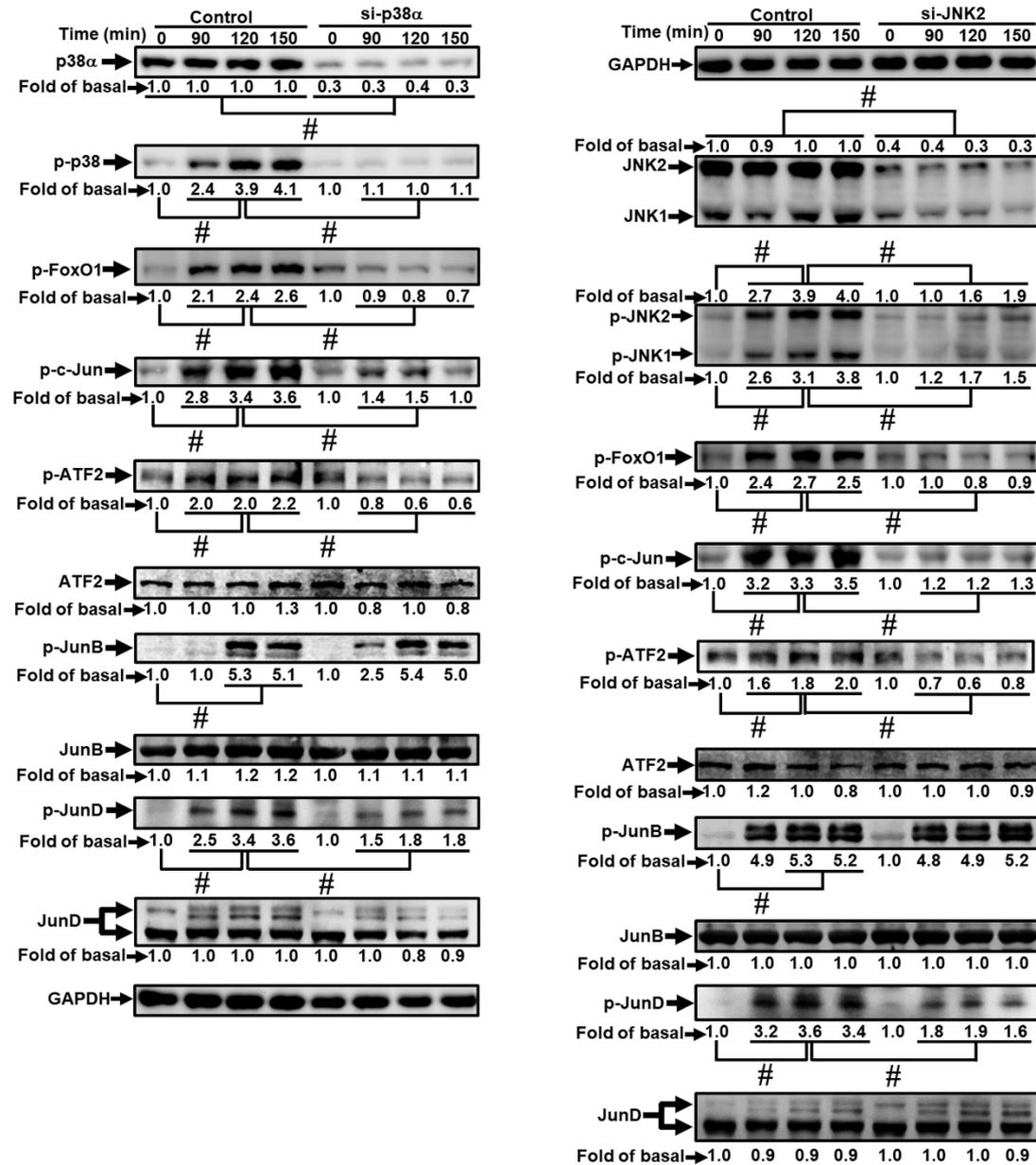


Supplementary Figure 1



Supplementary Figure 1. In HPAEpiCs, p38 MAPK and JNK1/2 play a role in the phosphorylation of AP-1 proteins induced by SiNPs. Cells were transfected with siRNA of scrambled, (A) p38, or (B) JNK2 and then incubated with 25 μ g/ml SiNPs for the indicated times. The protein levels of phospho-p38, total p38, phospho-JNK1/2, total JNK1/2, phospho-c-Jun, phospho-ATF2, total ATF2, phospho-JunB, total JunB, phospho-JunD, total JunD, and GAPDH were analyzed by Western blot. Data are expressed as the mean \pm S.E.M. of 3 independent experiments. # p <0.01, as compared between the two indicated groups.