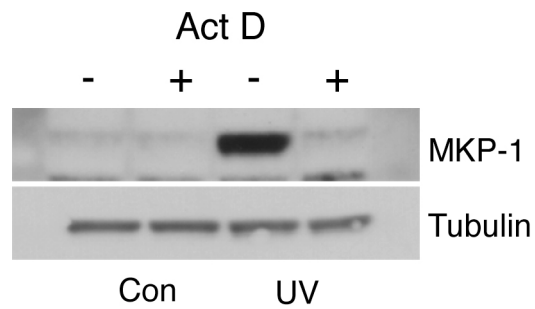


Supplemental Data

Supplemental Figure S1



Supplemental Fig. S1: DUSP1/MKP-1 induction by UV radiation is abolished by transcriptional inhibition. Wild-type MEFs were exposed to 30 J/m² UV in the presence of either vehicle (DMSO) or 2 µg/ml actinomycin D and incubated at 37°C for 1 hr. Cells were then lysed, and proteins analysed by SDS-PAGE and Western blotting using the indicated antibodies.

Supplemental Figure S2

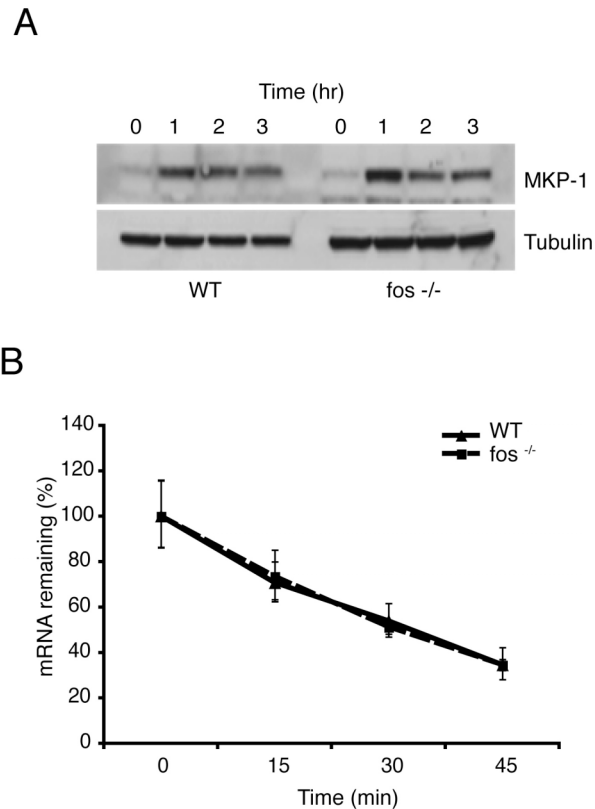


Figure 2: DUSP1/MKP-1 protein levels are somewhat increased by loss of c-fos but this is not due to increased mRNA stability. **A:** Wild-type (WT) and c-fos^{-/-} MEFs were either mock irradiated or exposed to 30 J/m² UV and then incubated at 37°C for the indicated times. Cells were then lysed, and proteins analysed by SDS-PAGE and Western blotting using the indicated antibodies. **B:** Wild-type (WT) and c-fos^{-/-} MEFs were either mock irradiated or exposed to 30 J/m² UV and then incubated at 37°C for one hour before addition of 2 µg/ml actinomycin D. Cells were then lysed at the indicated times, and DUSP1/MKP-1 mRNA levels were determined using quantitative RT-PCR. Mean values with associated errors are shown (mean ± SEM).