

Fig S1: UVB measurement in Hornbake Plaza at UMD, College Park Campus

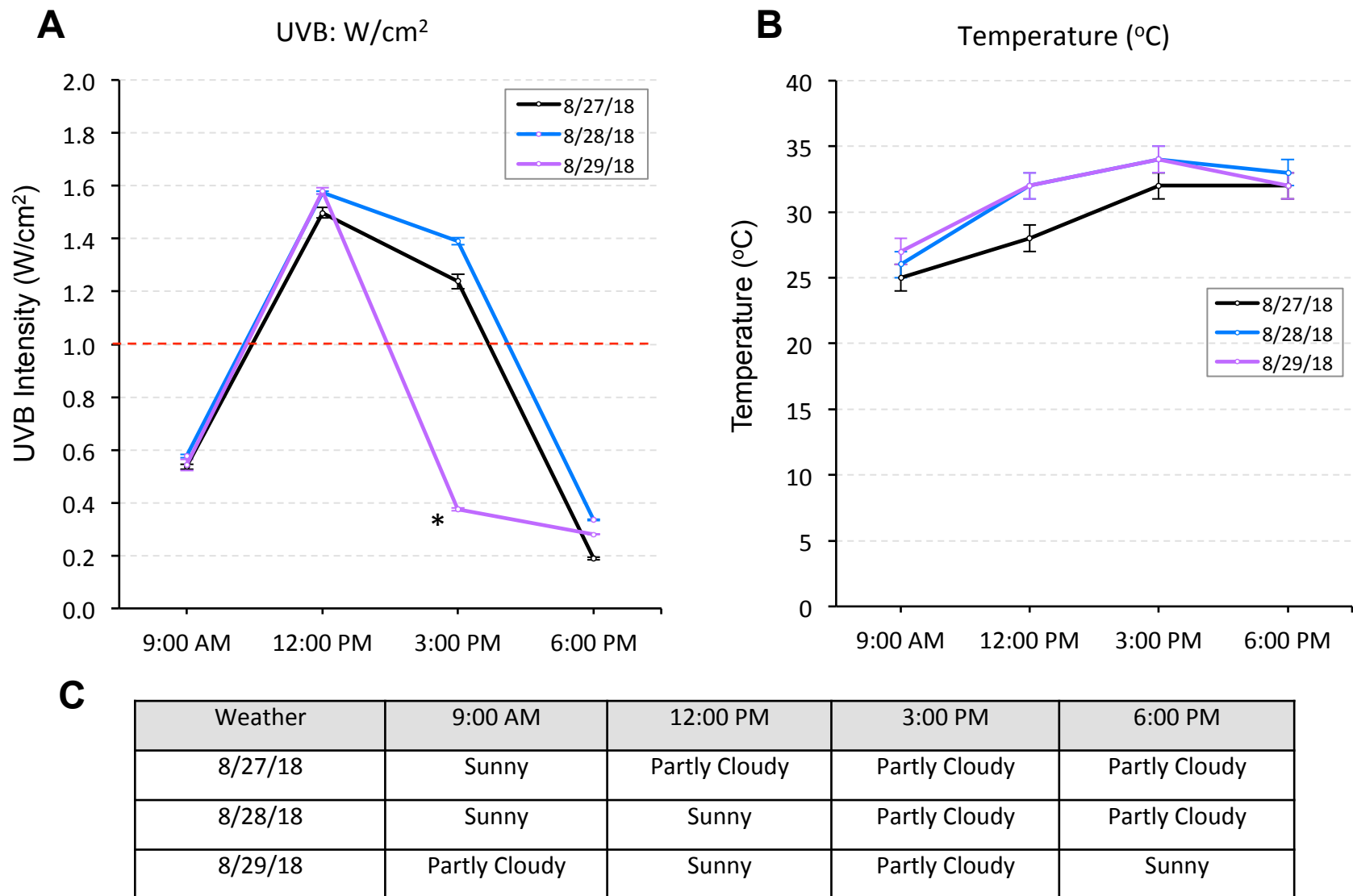
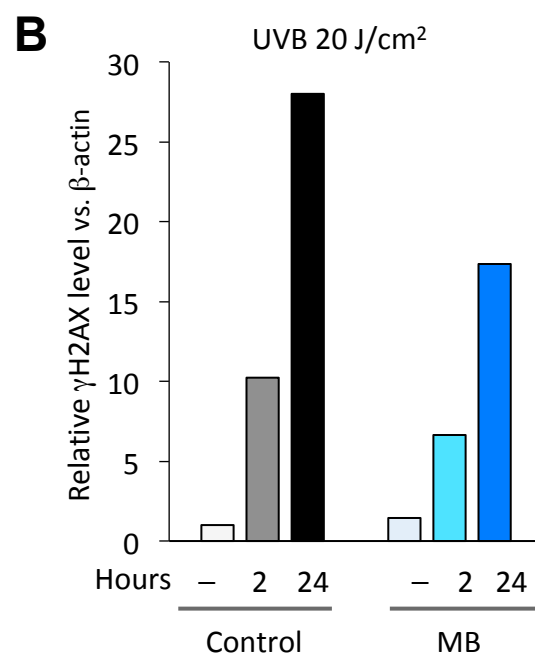
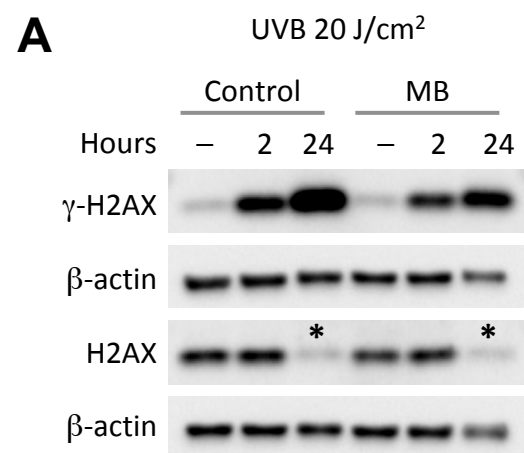


Figure S2



(* H2AX Protein degradation upon 20 J/cm² UVB irradiation)

Figure S3

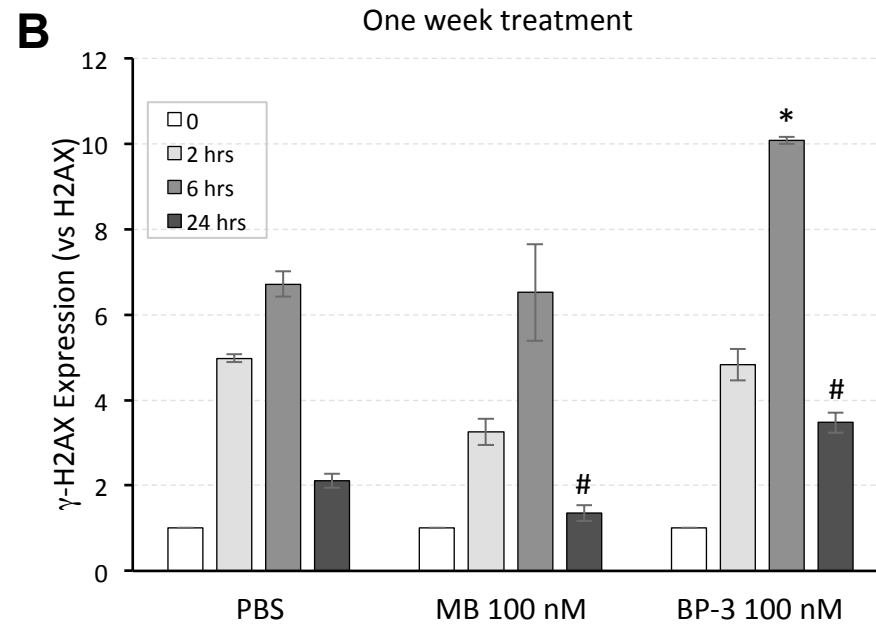
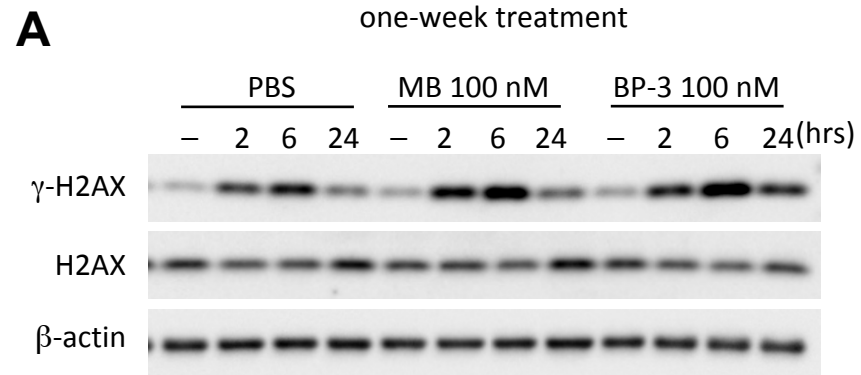
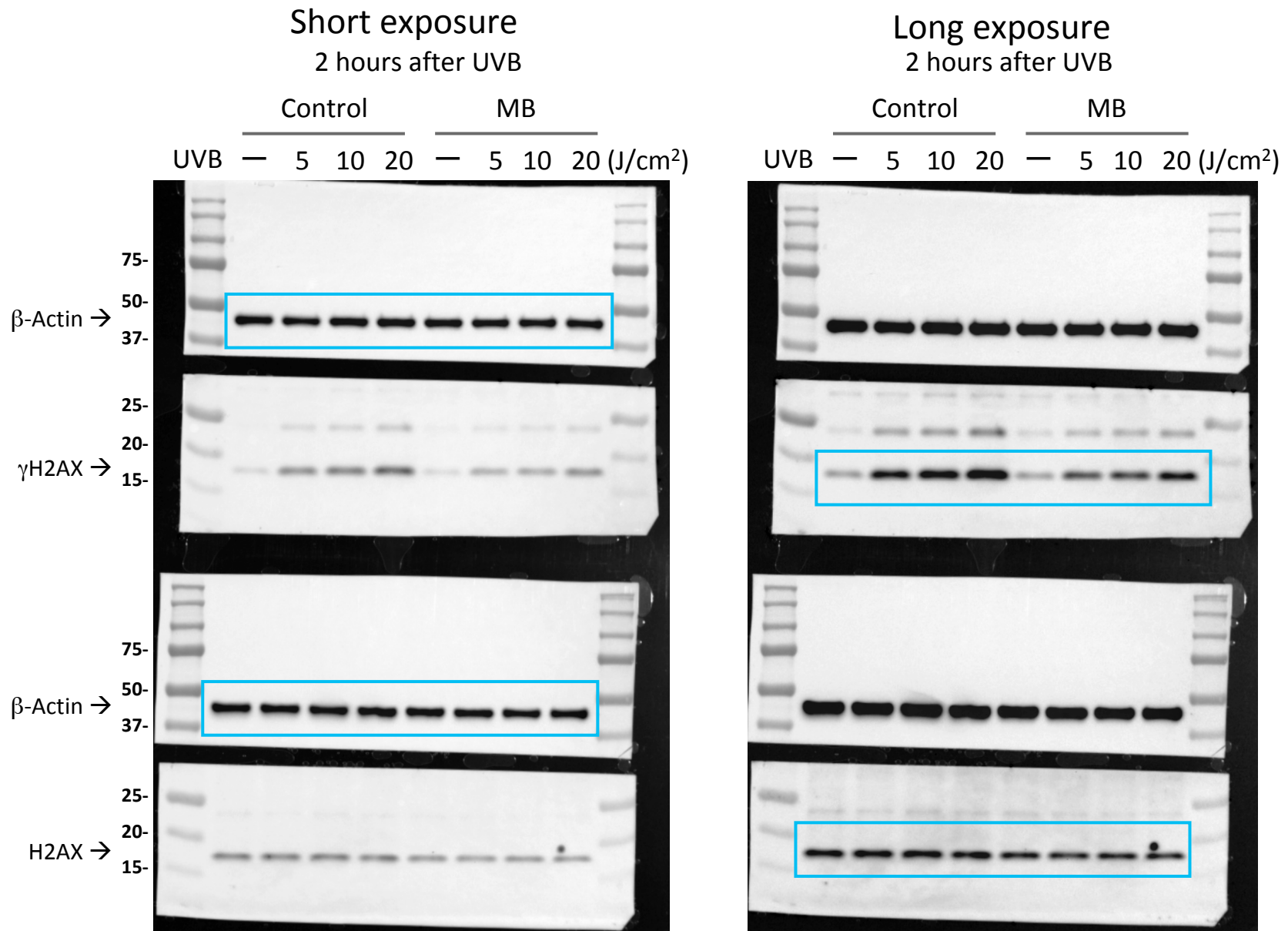
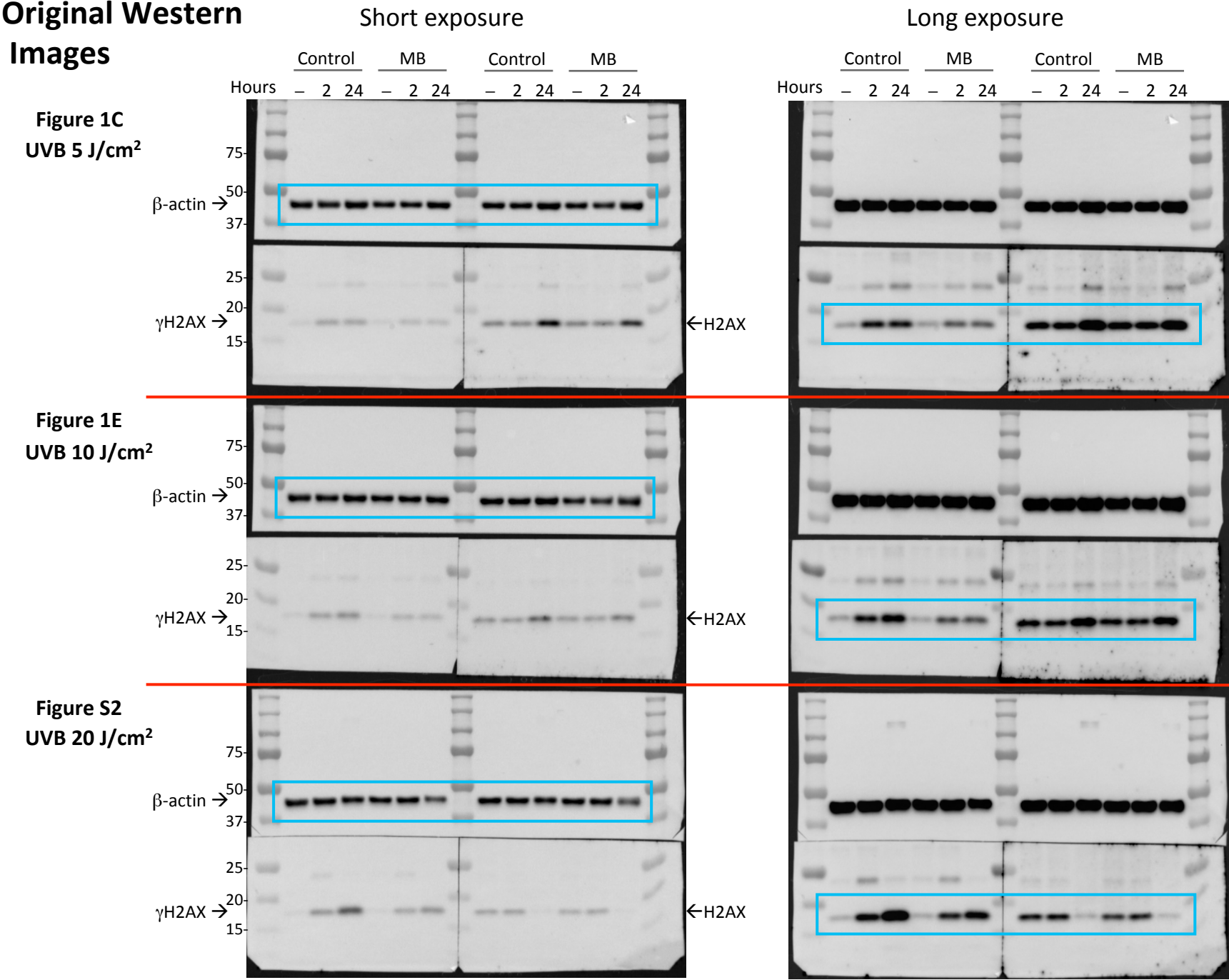


Figure S4: Original Western Images shown in Figure 1A

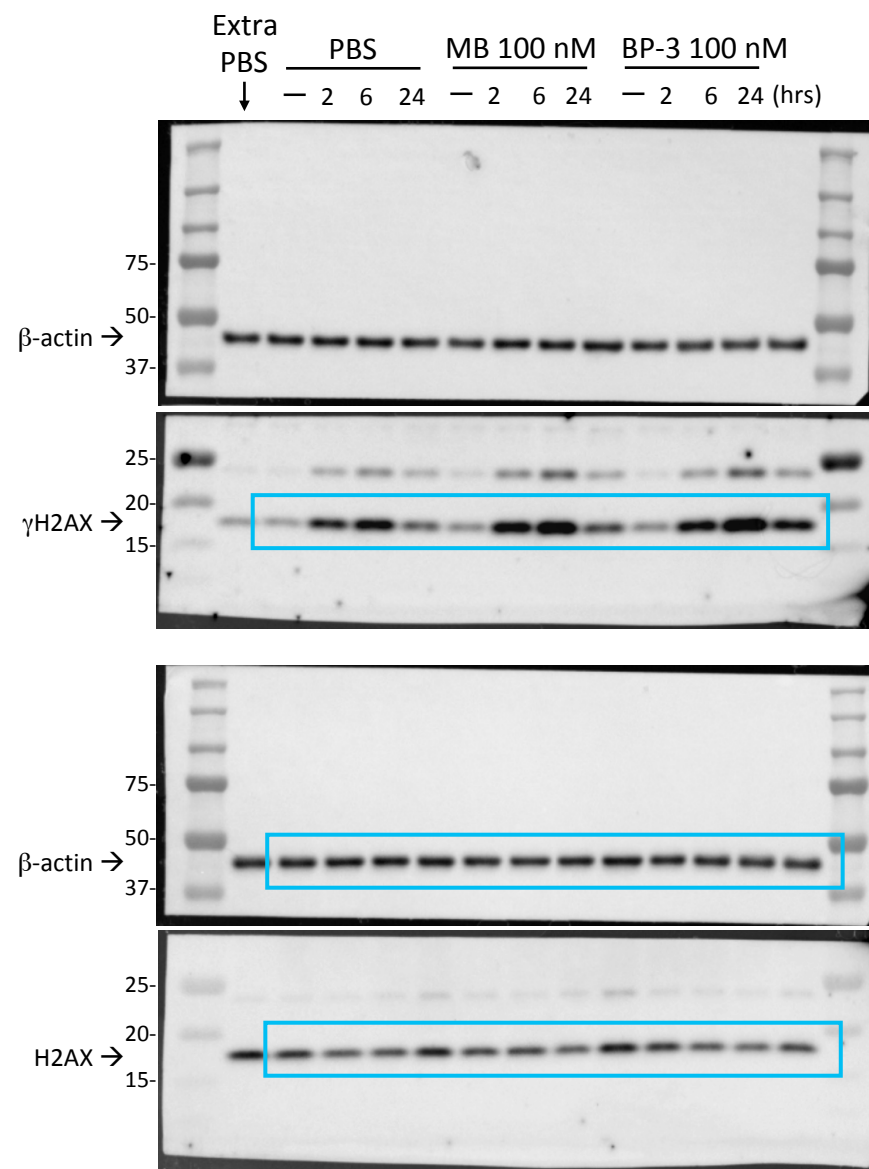


The cropped band images in blue boxes were presented Figure 1A.

Original Western
Images



Original Western Images shown in Figure S3



Supplemental Table 1. Information for Human Fibroblast Cell Lines

Cell line (Name in paper)	Passage Number (Starting → Ending)	Gender	Donor Age	Race	Resource
AG09266 (1-YM)	P13 → P19	Male	26 yrs	Caucasian	Coriell*
AG11695 (2-OM)	P13 → P19	Male	82 yrs	Caucasian	Coriell
AG08434 (3-YF)	P13 → P19	Female	29 yrs	Caucasian	Coriell
AG11725 (4-OF)	P13 → P18	Female	84 yrs	Caucasian	Coriell

1-YM: 1-Young Male
2-OM: 2-Old Male

3-YF: 3-Young Female
4-OF: 4-Old Female

*Coriell Institute for Medical Research