Evolution shapes the responsiveness of the D-box enhancer element to light and reactive oxygen species in vertebrates.

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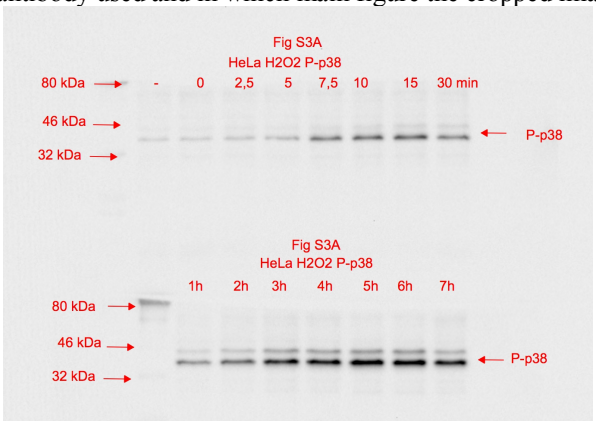
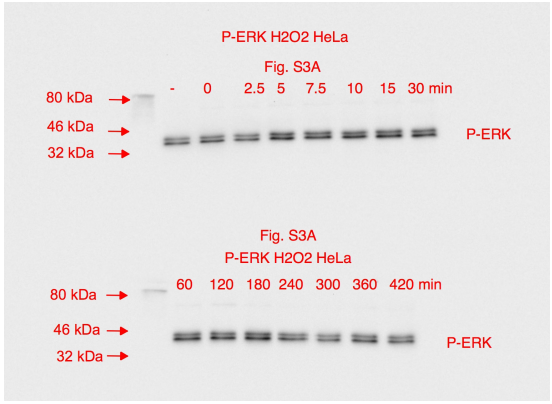
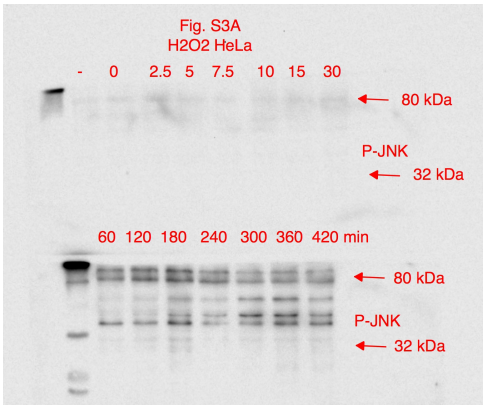
Original western blotting data

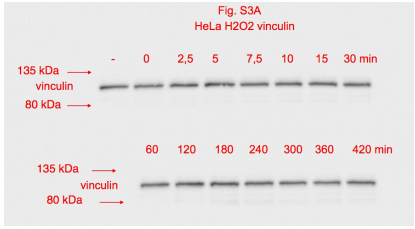
Original western blotting data for Figure S3

Original western blotting data from **HeLa** cells treated in a time course of 420 minutes with **300 µM H_2O_2**. The antibody used and in which main figure the cropped images are included, are indicated in each panel.

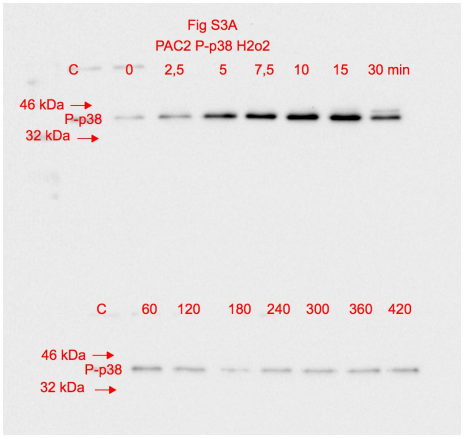


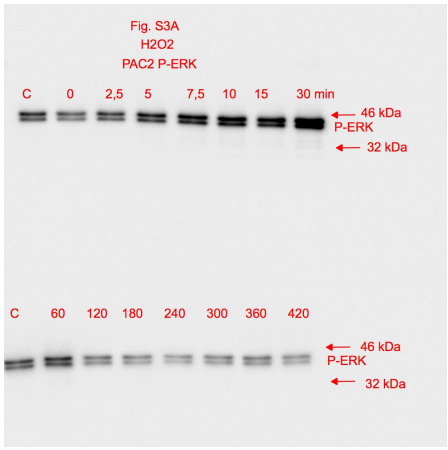


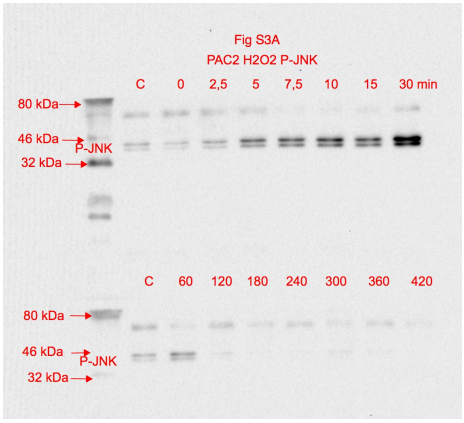


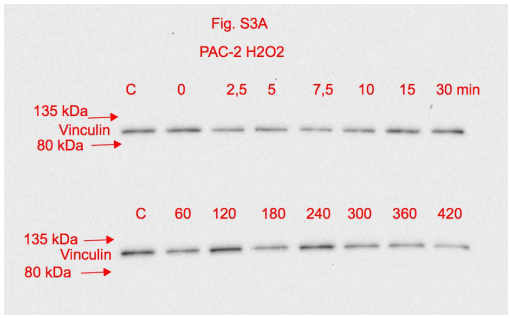


Original western blotting data from **PAC-2 cells** treated in a time course of 420 minutes with **300 µM H_2O_2**. The antibody used and in which main figure the cropped images are included, are indicated in each panel.

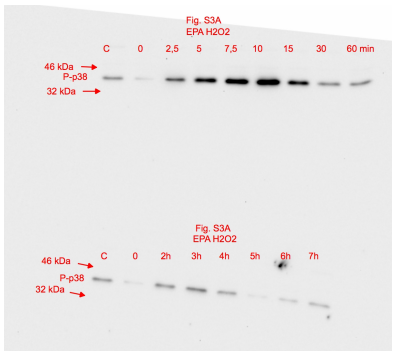


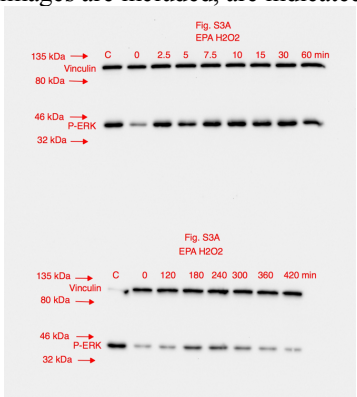


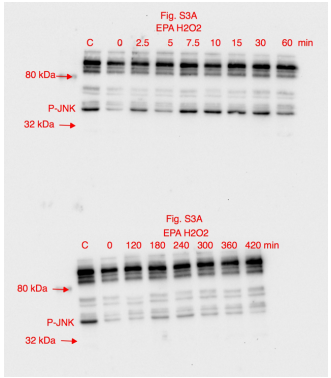




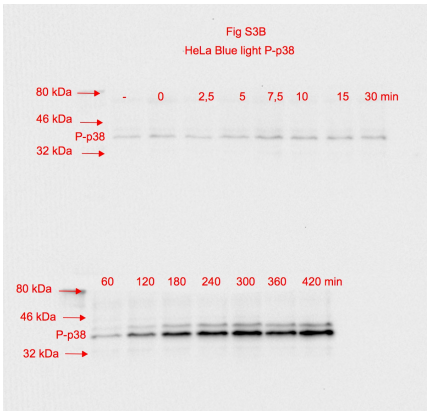
Original western blotting data from **EPA cells** treated in a time course of 420 minutes with **300 µM H_2O_2**. The antibody used and in which main figure the cropped images are included, are indicated in each panel.

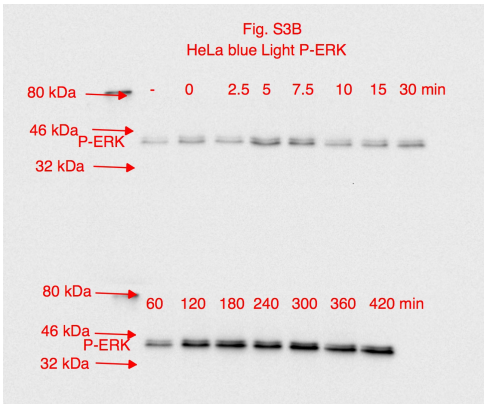


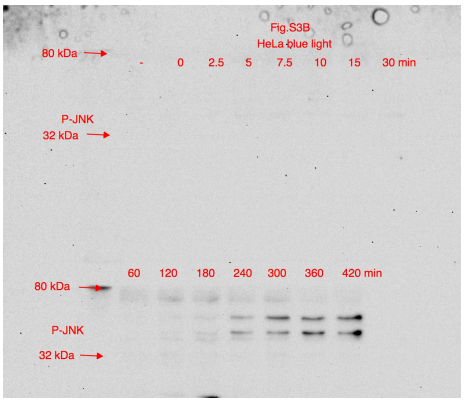


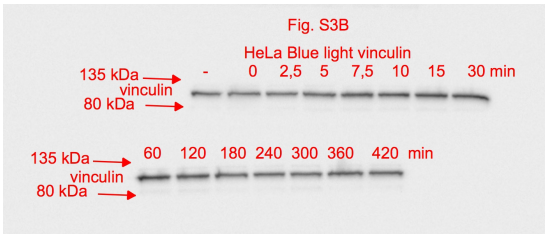


Original western blotting data from **HeLa cells** exposed to **blue light** in a time course of 420 minutes. The antibody used and in which main figure the cropped images are included, are indicated in each panel.

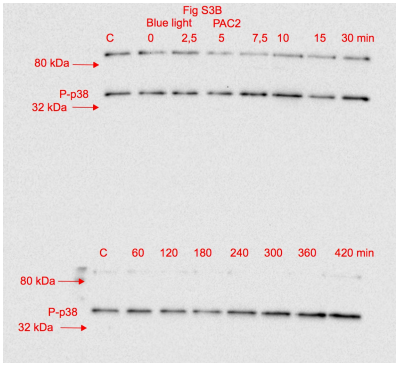


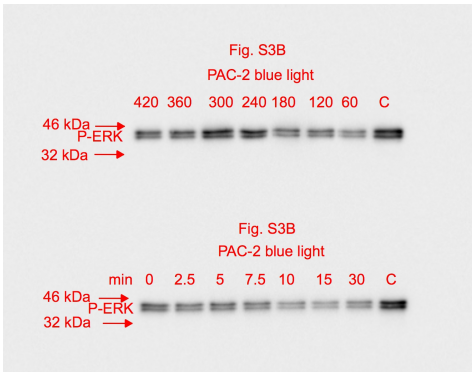


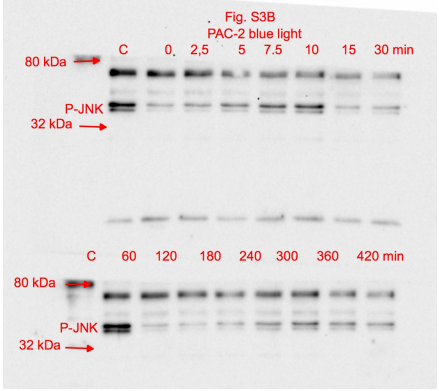




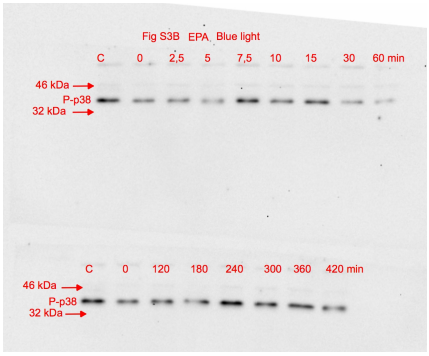
Original western blotting data from **PAC-2 cells** exposed to **blue light** in a time course of 420 minutes. The antibody used and in which main figure the cropped images are included, are indicated in each panel.

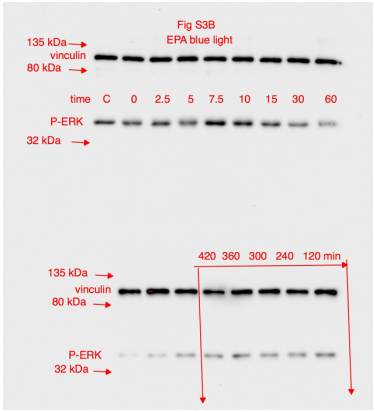


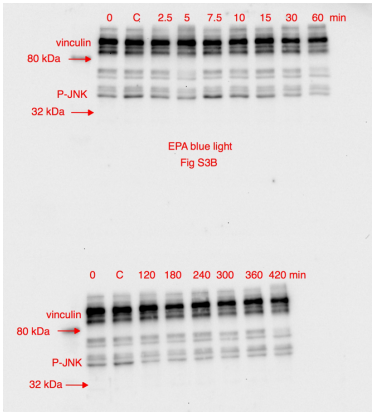


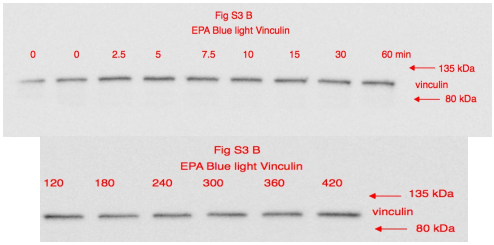


Original western blotting data from **EPA cells** exposed to **blue light** in a time course of 420 minutes. The antibody used and in which main figure the cropped images are included, are indicated in each panel.



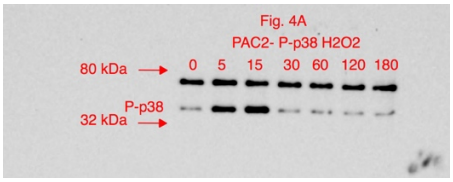


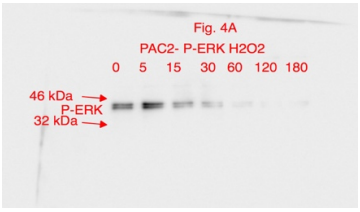


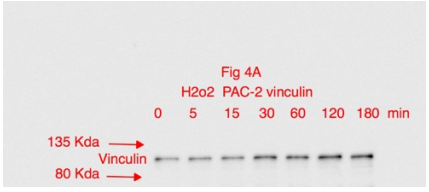


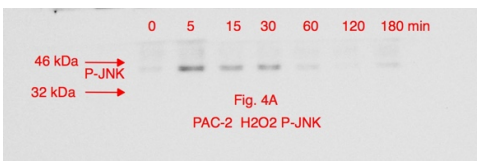
Original western blotting data for Figure 4

Original western blotting data from **PAC-2 cells** treated in a time course of 180 minutes with **300 µM H_2O_2**. The antibody used and in which main figure the cropped images are included, are indicated in each panel.

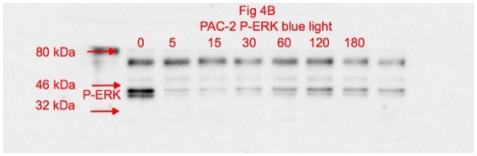


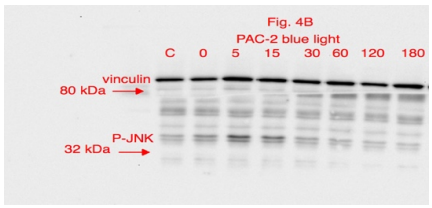


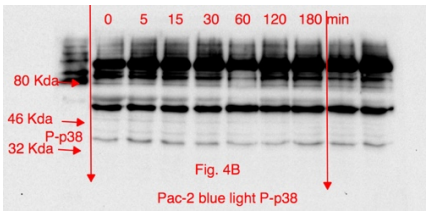


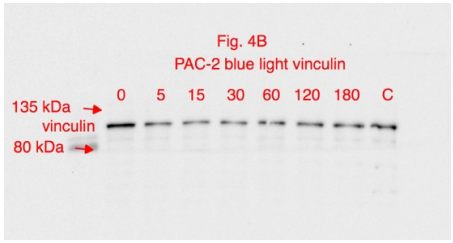


Original western blotting data from **PAC-2 cells** exposed to **blue light** in a time course of 180 minutes. The antibody used and in which main figure the cropped images are included, are indicated in each panel.

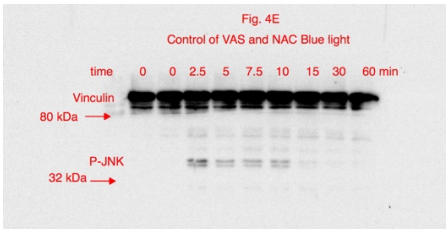


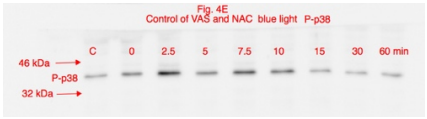


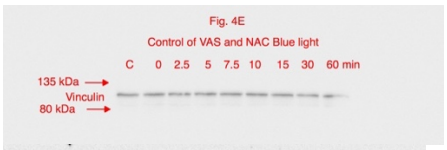


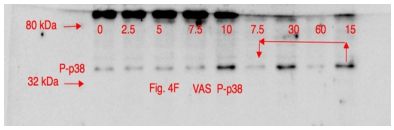


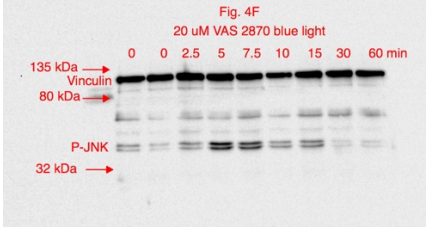
Original western blot of **PAC-2** cells exposed for 60 minutes to **blue light** and treated with the two ROS inhibitors VAS and NAC. The antibody used and in which main figure the cropped images are included, are indicated in each panel.

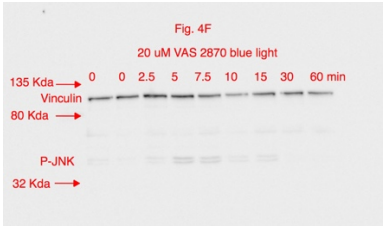


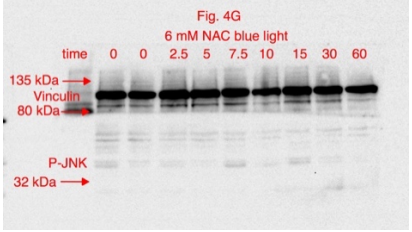


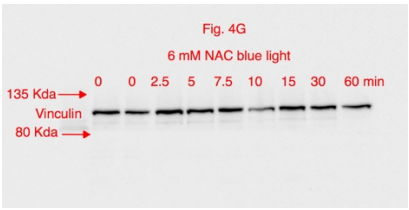












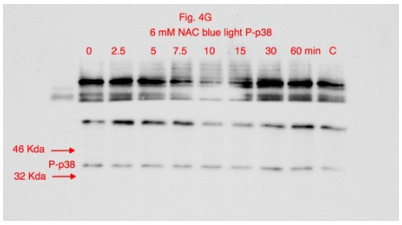


Fig. 4G
6 mM NAC blue light P-p38
0
2.5
5
7.5
10
15
30
60 min
C
46 Kda
P-p38
32 Kda