Figure S1A:
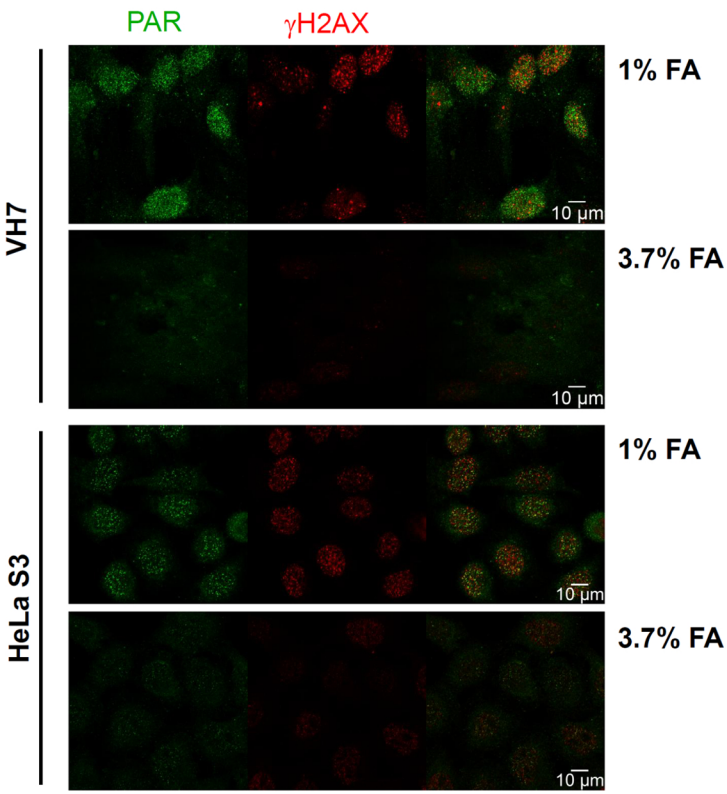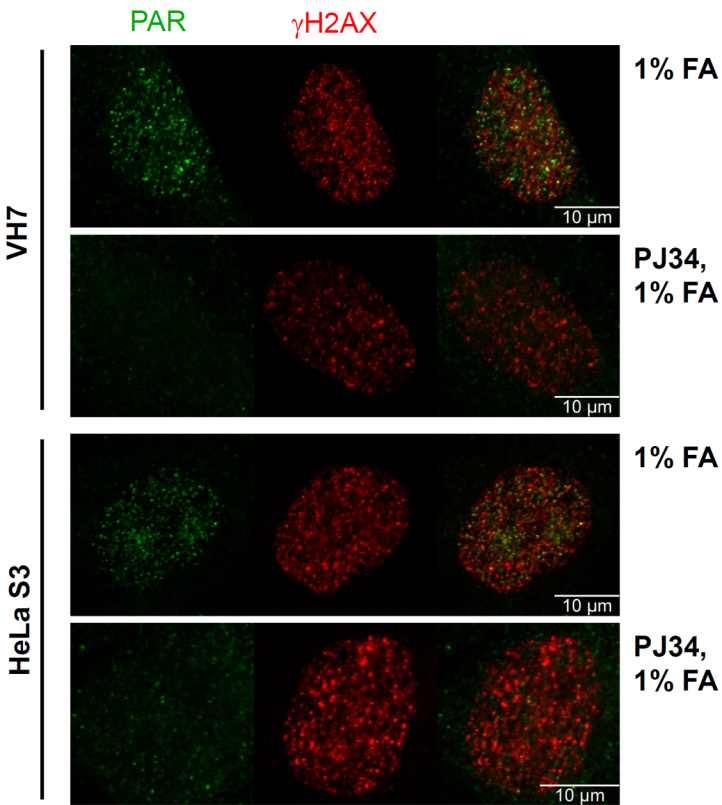## PAR and γH2AX staining in HeLa cells and human VH7 fibroblasts after JLI and BMB fixation

Figure S1B:
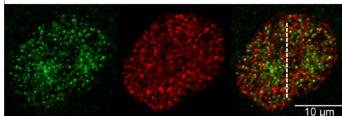# PAR and γH2AX staining in HeLa cells and human VH7 fibroblasts after JLI and JLI+PJ34 fixation

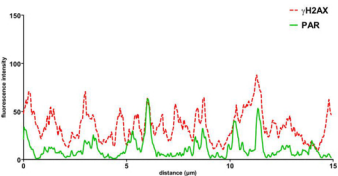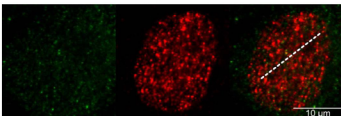# Figure S1C: PAR and γH2AX are markers of DNA lesions of different quality

HeLa JLI

PAR   γH2AX

HeLa JLI + PJ34

PAR   γH2AX

10 µm

10 µm

— γH2AX
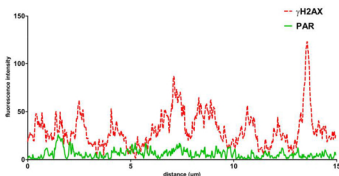— PAR

ImageJ – PSC colocalization
Segmentation: raw data – whole nucleus

Pixels 137662
Pearson's r = 0.04506745861002938
Spearman's r = 0.01649989621407877
Spearman's r (Ties) = 0.01508194732038942

ImageJ – PSC colocalization
Segmentation: raw data – whole nucleus

Pixels 203112
Pearson's r = -0.0593311024585 0771
Spearman's r = -0.018300500631740935
Spearman's r (Ties) = -0.032582525027772063

Figure S1D: PAR and γH2AX are markers of DNA lesions of different quality
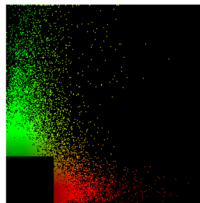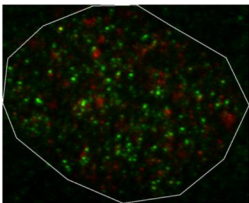
Pearson's r = -0.495
Spearman's r = -0.535