

Supplementary material

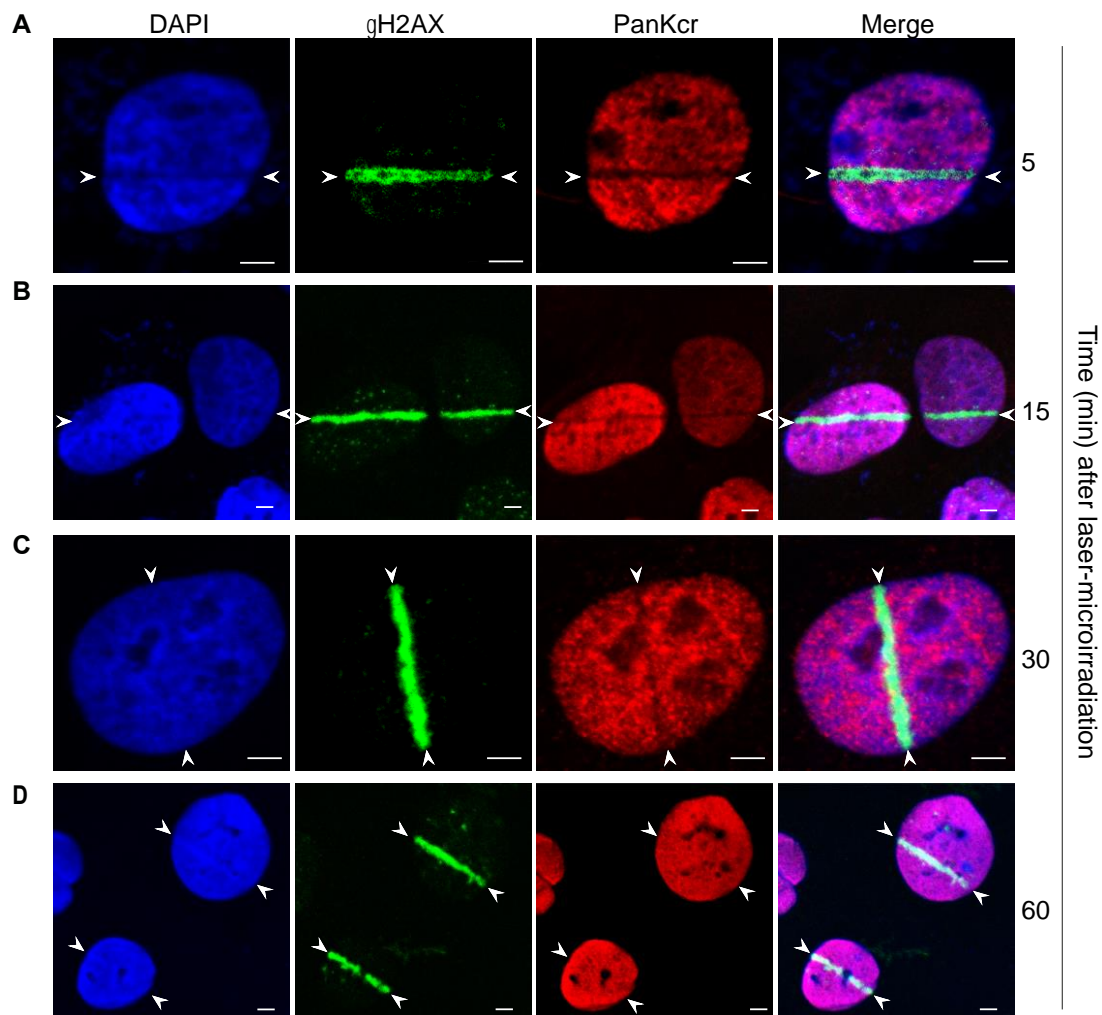
HDAC-dependent decrease in histone crotonylation during DNA damage

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Supplementary Figure S1. Rapid and transient decrease in lysine crotonylation at laser-microirradiated sites. (A-D) Representative images of U2OS cells that were subjected to laser-microirradiation and costained with γ H2AX and Pan crotonyllysine (PTM-BIO, PTM-501) antibodies at the indicated time points after irradiation. DNA was stained with Hoechst (blue). Results show that the reduction in the intensity of the Kcr signal at DNA damage sites peaks at 5 minutes post irradiation, followed by gradual recovery to basal level at 1 hour after damage induction. Scale bar, 2 μ m.