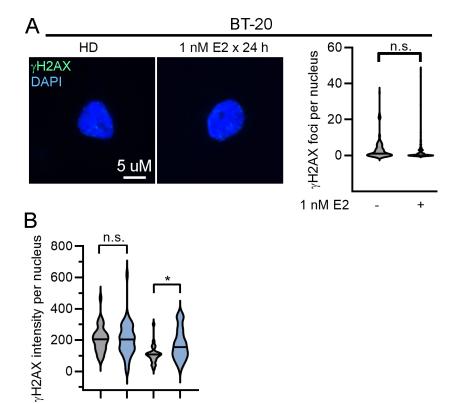
Supplementary Figure S5- ER-negative BT-20 cells do not exhibit increased DNA damage upon E2 treatment, while MCF-7/LTED show weak response. (A) BT-20 cells were HD x 3 d, then treated \pm 1 nM E2 x 24 h. Cells were fixed and stained for γ H2AX (green) and with DAPI (blue). Representative images are shown. γ H2AX foci were counted in \geq 100 cells per group. n.s. = not significant by t-test. (B) MCF-7 cells were HD x 3 d. Both cell lines were then treated \pm 1 nM E2 x 24 h. Cells were fixed and stained as in (A). γ H2AX intensity was measured in \geq 30 cells per group. *p<0.05, n.s. = not significant by Bonferroni-adjusted posthoc comparison.



12 24 C

MCF-7

1 HD 24^N E2⁺²A^N

MCF-7/LTED