

Supplemental Figure 1

Endogenous cyclin D1 mediates both E2 and EDC-induced γ H2AX in MCF-7 cells.

MCF-7 cells were transfected with cyclin D1 siRNA or control siRNA. 48 hrs later cells were exposed to DNA damage by UV (100 J/m²) in the presence of 10 nM E₂ or vehicle ethanol control, and 10 nM EDC or vehicle dendrimer control. 24 hrs later γ H2AX was detected by immunofluorescence and the percentage of γ H2AX positive cells was shown.