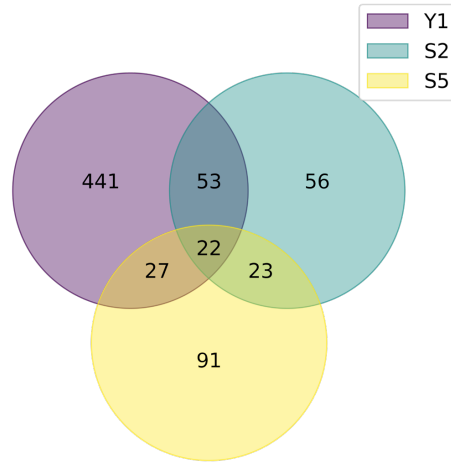
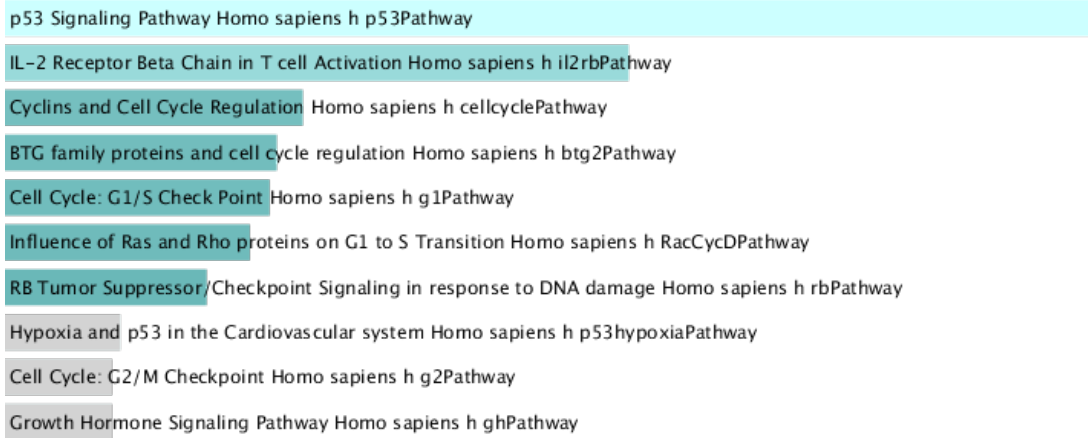


A up-regulated ($p_{adj} < 0.05$, $l_2FC > 0.1$) PCGs



B



C

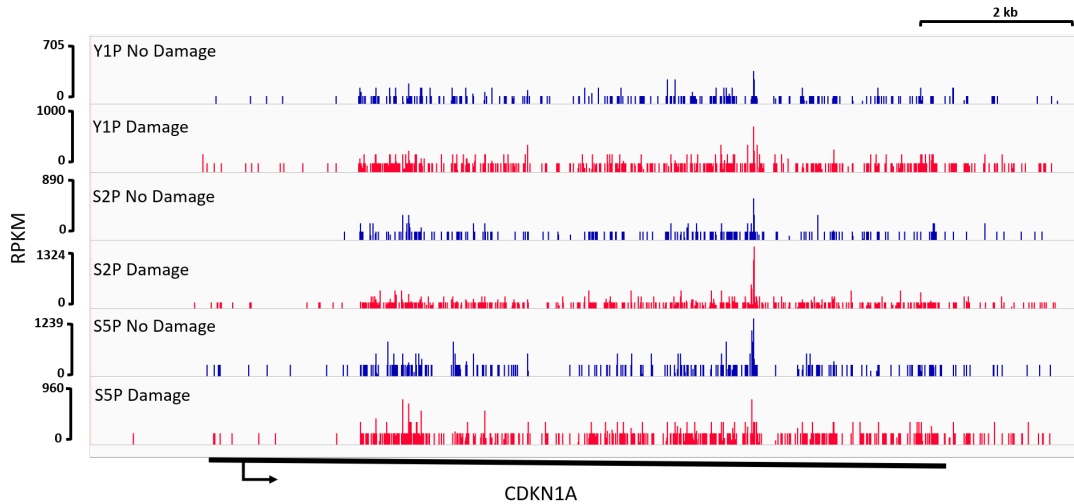


Figure S2. Analysis of up-regulated protein-coding genes upon DNA damage. **A)** Venn diagram of significantly up-regulated ($p_{adj} < 0.05$, $\log_2FC > 0.1$) protein-coding genes based on read coverage across gene body from Y1P, S2P and S5P sample2s after IR. **B)** GO enrichment of significantly up-regulated genes across Y1P, S2P, S5P samples upon IR. **C)** IGV profile of mNET-seq signal across a representative up-regulated gene, CDKN1A.