



Figure S5. Analysis of promoter pausing index upon DNA damage. **A)** Line plot showing change in Pause Index(PI) of protein-coding genes belonging to high PI category ($50 < PI < 600$) from Y1P samples upon IR. **B)** Line plot showing change in Pause Index(PI) of protein-coding genes belonging to low PI category ($0 < PI < 5$) from S2P samples upon IR. **C)** Line plot showing change in Pause Index(PI) of protein-coding genes belonging to moderate PI category ($5 < PI < 50$) from S2P samples upon IR. **D)** Line plot showing change in Pause Index(PI) of protein-coding genes belonging to high PI category from S2P samples upon IR. **E)** Line plot showing change in Pause Index(PI) of protein-coding genes belonging to low PI category from S5P samples upon IR. **F)** Line plot showing change in Pause Index(PI) of protein-coding genes belonging to moderate PI category from S5P samples upon IR. **G)** Line plot showing change in Pause Index(PI) of protein-coding genes belonging to high PI category from S5P samples upon IR. Only genes that show significant ($p < 0.05$) change in PI are plotted.