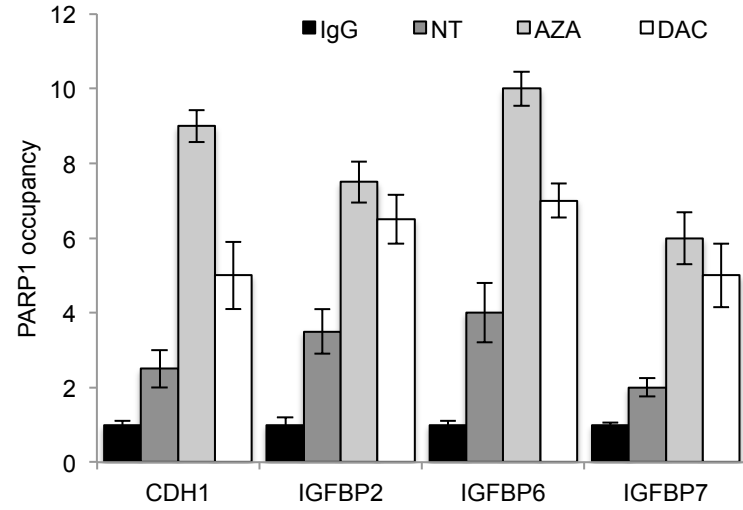
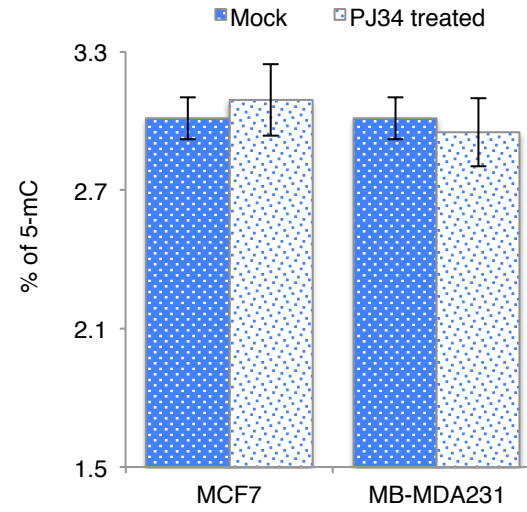


Figure S5

A.



B.



C.

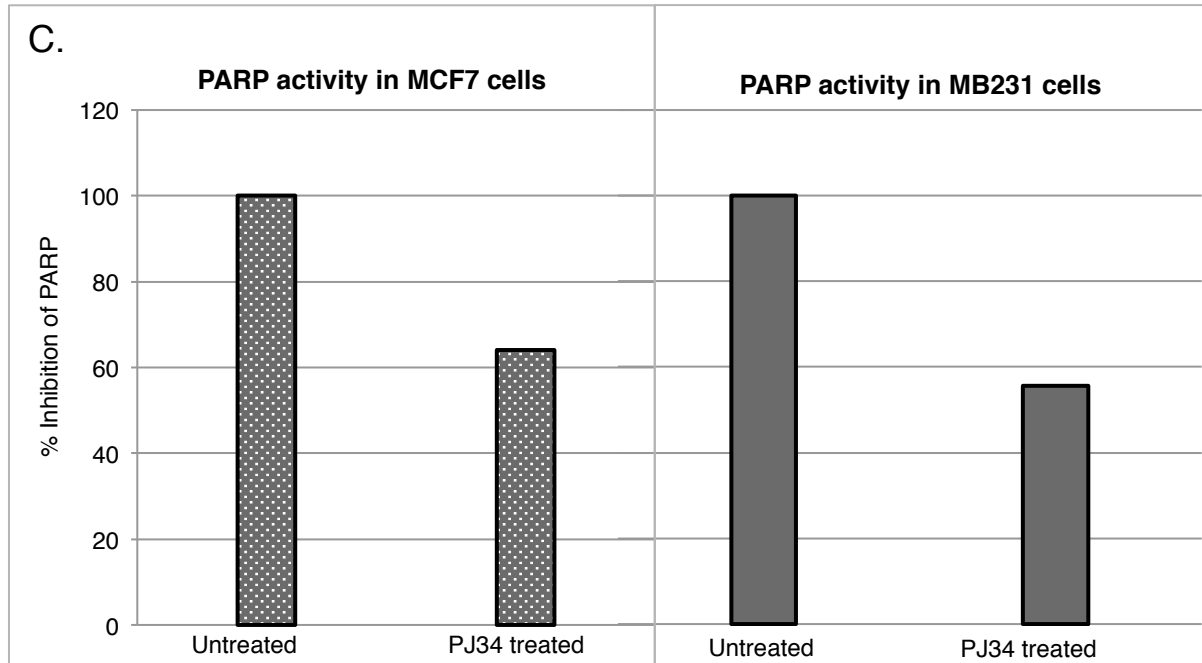


Figure S5: Measurement of PARP1 occupancy and activity after 5-aza-cytidine, decitabine and PJ34 treatment. *A)* Measurement of PARP1 occupancy at selected promoters after inhibition of methylation using 5-aza-cytidine. *B)* Treatment of cells with PJ34, did not change the global percentage of 5-methylcytosine levels in MCF7 and MB-MDA231 cells. *C)* Treatment of cells with PJ34, resulted in reduction in PARylation as measured using the Zymo EZ-96DNA Methylation Kit (Catalog #D5004).