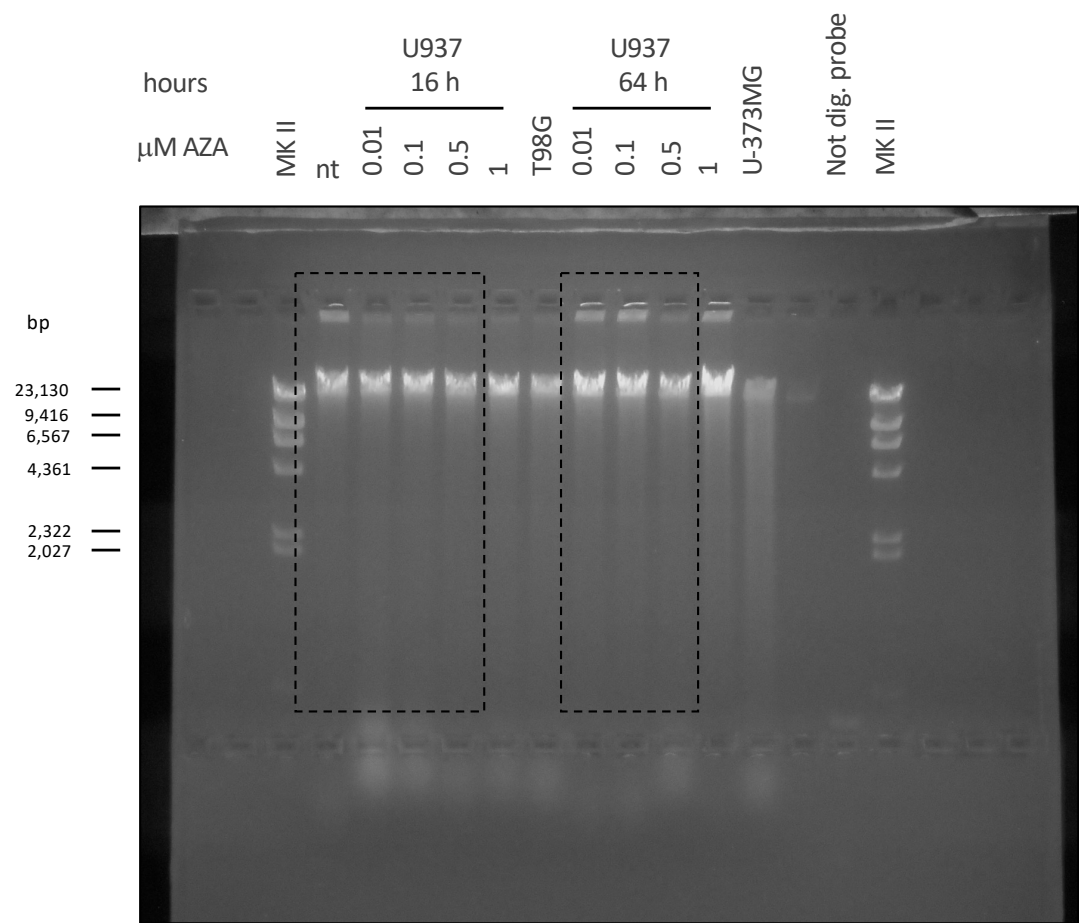


Additional Figure 4



Additional Figure 4. File format: PDF. Agarose gel used in the Southern blot experiment reported in Additional Figure 1. U937 cells were subjected to treatments with AZA at the reported concentrations and times or left untreated (NT). At the end of the treatments, genomic DNA was purified and digested via the Csp45I enzyme, separated via 1% agarose gel electrophoresis, and stained with ethidium bromide. MK II: commercial DNA molecular ladder from Roche. Solid tumors-derived cell lines T98G and U-373MG were used as control of mild and heavy satellite 2 demethylation, respectively [20]. Not dig. probe: not-digoxigenated probe used as positive control of probe hybridization. Dotted line rectangles indicate the areas of the blot reported in the manuscript figures.