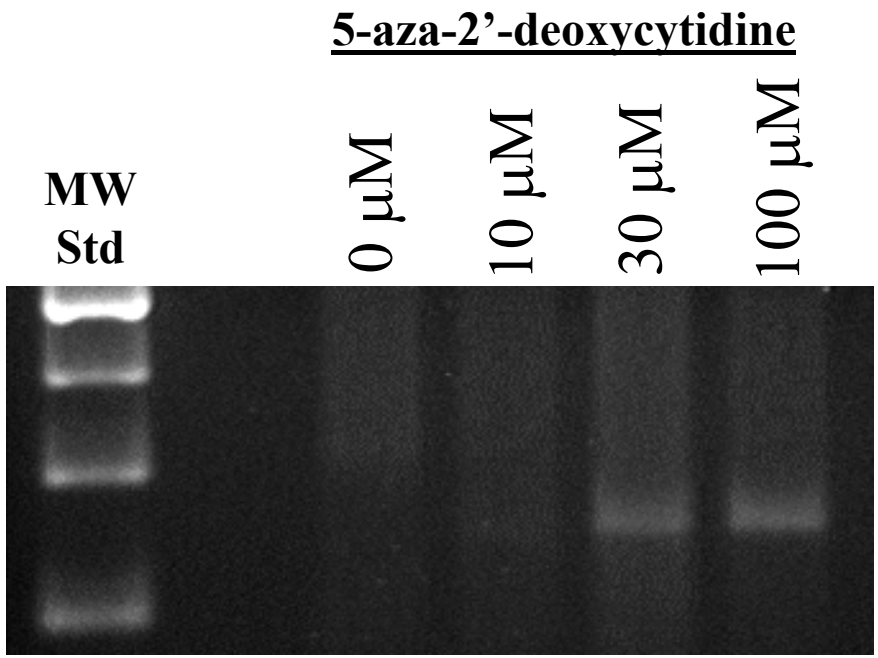
Web Fig. - B



HEK293

Chromatin structure of the maspin promoter in HEK293 cells following 5-aza-2'-deoxycytidine treatment. Intact nuclei were isolated from untreated and treated HEK 293 cells, and then were digested *in vivo* with MspI, for which there is a single site in the maspin promoter. Following the *in vivo* digestion, genomic DNA was isolated and MspI-specific linkers were ligated. This linker "marks" accessible sites of chromatin, and accessible chromatin is revealed as the production of a PCR product following amplification with maspin promoter-specific primers paired with a primer complementary to the linker. PCR products were size separated on a 3% agarose gel and visualized by ethidium bromide staining.