Supplemental Fig. 1. Effects of MXC on methylation of CpG sites in ERα promoter region in adult ovaries. Shown are representative methylation patterns of six CpG dinucleotides in the rat ERα promoter region, -186 to -45 upstream of the transcription start site. Bisulfite treatments were performed and PCR products were cloned. Five clones from 3 animals for each treatment group (n = 15, total of 45 clones) were sequenced. All unmethylated cytosines that were converted to thymine are shown as open circles, and methylated cytosines are shown as filled circles. The number of clones with methylation events are shown as fractions of the total number of clones on the right. No statistically significant differences were found between control and treated groups.