FIGURE 1. (A) Representative MSP results for PTEN in patient samples. The positive and negative controls showed the expected MSP results with normal DNA showing positive U-MSP but negative M-MSP amplification; and conversely methylated control DNA showing negative U-MSP negative but positive M-MSP amplification. (B) Kaplan-Meyer survival function of MM patients with or without PTEN promoter hypermethylation, p value=0.53. (C) Heatmap of the PTEN analyses showing methylation status, quantitative real-time PCR (qRTPCR) for PTEN relative gene expression and cytogenetic categories. MSP green, unmethylated; red, methylated; qRT-PCR: green, low expression; red, high expression and white, not determined. Cytogenetics: green, standard risk; red, high risk. (D) Box and whisker plot showed the PTEN expression in methyalted and unmethylated primary MM patients, p value=0.87. (E) Survival curves of 58 patients with Multiple Myeloma according to SD staging (p=0.053), and cytogenetic categories (p=0.11).