Supplementary Figure S1. DHPLC chromatogram of methylation status of p16 CpG island in human cancer cell lines. Conditions for bisulfite PCR amplification and DHPLC detection was described previously (Luo et al., 2006). Methylated-p16 was observed among 6 cell lines: AGS, HCT116, Colo205, MHCC97H, PC3, RKO, and SW480. HCT116 is p16-hemimethylated. Ratio of the methylated-p16 peak area to the unmethylated-p16 peak area of HCT116 cell was used as the adjusting constant for calculation of proportion of methylated-p16 alleles in the tested samples showed on Figure 8.