



Fig.S1 Arsenic trioxide had slight effect on the expression level of *S100A9*. The expression levels of *S100A9* and PU.1 were detected at 24 h and 48 h treated with 1 μ mol/L arsenic trioxide in NB4 cells. GAPDH was used for normalization. The expression levels of *S100A9* were examined at 24 h and 48 h treated with 1 μ mol/L ATRA or arsenic trioxide in NB4 cells. GAPDH was used for normalization. The data represent the mean of three replicates \pm S.D.