

Figure S1. Arsenic leads to ATF4 and Trib3 expression. (A) BX1-Akata cells were treated with 10 μM As_2O_3 or $NaAsO_2$ for indicated time period and expression of ATF4 proteins were measured by western blot. (B) BX1-Akata cells were treated with 10 μM As_2O_3 or $NaAsO_2$ for indicated time period and isolated RNA were used to perform qRT-PCR for detecting Trib3 RNA expression. (C) BX1-Akata cells were treated with indicated doses of As_2O_3 or $NaAsO_2$ for 24 hours and isolated RNA were used to perform qRT-PCR detecting Trib3 RNA level.

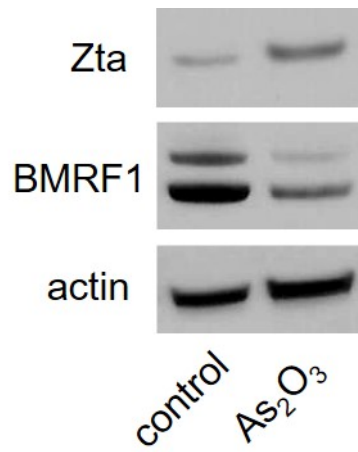


Figure S2. Arsenic trioxide increases Zta but decreases BMRF1 expression. Akata cells were treated with $10\mu M$ As_2O_3 for 24 hours and expression of proteins were measured by western blot.