

**Figure S1** Effects of HSJ1a and its fragments on the mRNA levels of Atx3. (A) Sequences and domain architecture of HSJ1a and its fragments and mutants. (B) Quantitative real-time PCR analysis of Atx3 mRNA levels in HEK 293T cells transiently transfected with the indicated plasmids as shown. Shown are means  $\pm$  S.D. (n =3). JD, J-domain fragment;  $\Delta$ JD, J-domain deleted fragment.