



Fig.S3 Function analysis of super-enhancers.

(A) Schematic diagram of the vector pIZ-BmBRD4-HA used for transient expression of HA-tagged BmBRD4.

(B) Western blots showing transient expression of BmBRD4-HA in the cells prepared for ChIP-seq. Mock transfected cells were treated as the control.

(C) Localization of transient expressed BmBRD4-HA. Mock transfected cells were treated as the control.

(D) qRT-PCR analysis for the expression of two control genes that were associated with typical-enhancers in JQ-1 treated cells. *Rpl32* was used as the reference gene for data normalization. Three technical replicates for each of the three biological replicates per treatment were analyzed ($n = 3$). DMSO treatment was served as the control. Error bar indicated the standard deviation. Two-tailed *t*-test; ns means no significance observed.

(E) Apoptosis degree of BmN cells after 48 h of JQ-1 treatment at different concentrations.