

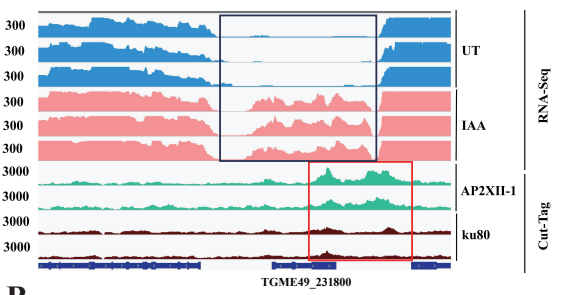
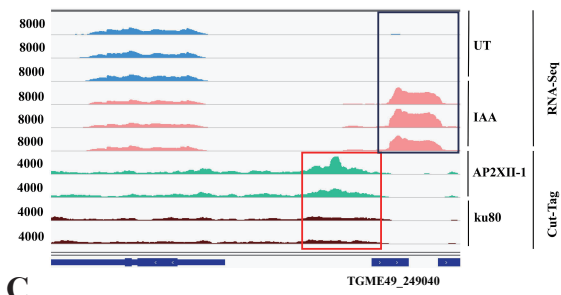
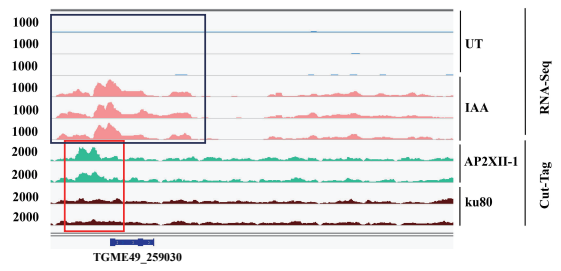
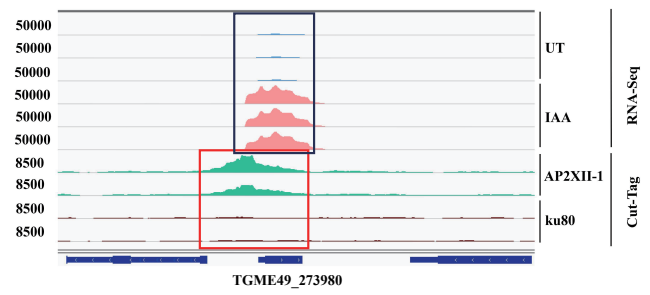
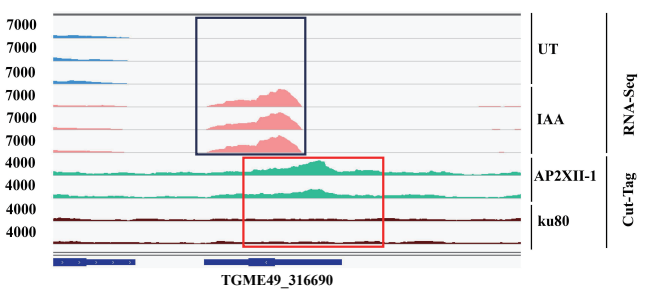
A**B****C****D****E**

Figure S9. AP2XII-1 binds to the promoter of EES-specific genes and regulates their transcription. IGV screenshots of genomic regions of five EES-specific genes, including TGME49_249040 (A), TGME49_259030 (B), TGME49_273980 (C), TGME49_316690 (D) and TGME49_231800 (E). Cut-Tag profiles were obtained using antibodies directed against HA (ApiAP2XII-1 tagged) in chromatin sampled from the ApiAP2XII-1-mAID-HA strain and the $\Delta ku80$ strain. RNA-seq data from ApiAP2XII-1-mAID-HA parasites after 12 h of treatment or no treatment with IAA are shown in red and blue peaks. The normalized RPKM for Cut-Tag and RNA-seq reads are shown on the y-axis.