Siegel, TN; Kawahara, T; Degrasse, JA; Janzen, CJ; Horn, D; Cross, GAM; (2008) Acetylation of histone H4K4 is cell cycle regulated and mediated by HAD in Trypanosoma brucei. Molecular microbiology, 67 (4). pp. 762-771. ISSN 0950-382X DOI: https://doi.org/10.1111/j.1365-2958.2007.06079.x

Downloaded from: http://researchonline.lshtm.ac.uk/7931/

DOI: https://doi.org/10.1111/j.1365-2958.2007.06079.x

Usage Guidelines:

Please refer to usage guidelines at https://researchonline.lshtm.ac.uk/policies.html or alternatively contact researchonline@lshtm.ac.uk.

Available under license: http://creativecommons.org/licenses/by-nc-nd/2.5/
LEGENDS

Figure S1: HAT3 acetylates H4K4 in PF. Western blot analysis of the H4K4 acetylation state in PF cell lysates.

Figure S2: Characterization of anti-H4ac. Western blot of whole trypanosome extracts (2x10^6 cells/lane). Peptide competitors used are shown above each lane. To confirm equal loading, blots were stripped and reprobed with anti-H4 in the absence of peptide competitors.

Figure S3: Western blot analysis of the H4K4 acetylation state of cytoplasmic histones. Whole cell lysates (WCL) and cytoplasmic fractions (cytosol) from 5 x 10^6 and 2.75 x 10^7 cells respectively, were analyzed with antibodies to unmodified H4HK4 and enolase.