Supplementary Information

Identification of enzymes involved in SUMOylation in *Trypanosoma brucei*

KaiqinYe¹, Xuecheng Zhang^{2,3}, Jun Ni¹, Shanhui Liao^{1,*} and Xiaoming Tu^{1,*}

¹ Hefei National Laboratory for Physical Sciences at Microscale, School of Life Sciences, University of Science and Technology of China, Hefei, Anhui 230026, P.R. China

² School of Life Sciences, Anhui University, Hefei, Anhui 230039, P.R. China

³Anhui Provincial Engineering Technology Research Center of Microorganisms and Biocatalysis, 111 Jiulong Road, Hefei, Anhui 230601, P.R. China

*Correspondence to: Shanhui Liao, E-mail: ajsod@mail.ustc.edu.cn, and Xiaoming Tu, E-mail: xmtu@ustc.edu.cn

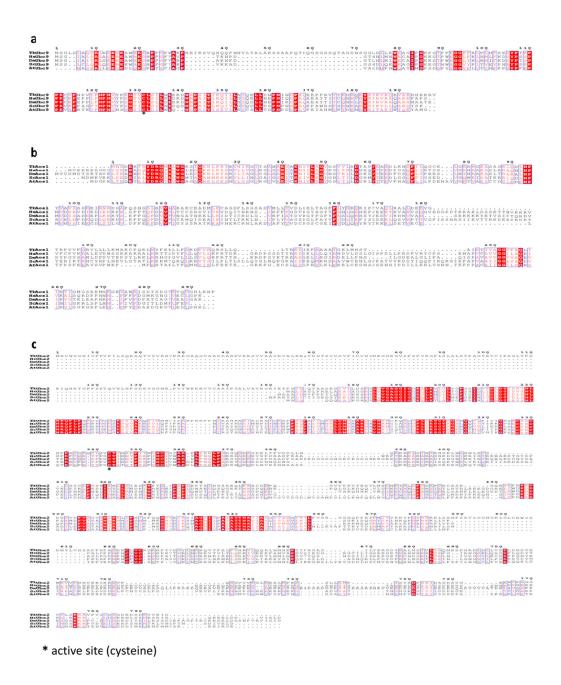


Figure S1: Sequence alignment of Ubc9 (a), Aos1 (b) and Uba2 (c) from *Trypanosoma brucei*, *Homo sapiens*, *Drosphila melanogaster*, *Saccharomyces cerevisiae* and *Arabidopsis thaliana*.