

**Supplementary Figure S1:** Sequence comparison of PfATG18 and TgATG18 with ScATG18. Structure based sequence alignment of Pf/TgATG18 with ScATG18 and Hsv2 was performed using the crystal structure of Hsv2 [(PDB ID 4AV9; and (Krick et al., 2012)]. Multiple sequence alignment was done using PROMALS3D and visualized by ESPirit3.0. Approximate position of the secondary structure elements is indicated and the FRRG motif is indicated by a green bar.