

**S7 Fig. PbTupA is localized in the nucleus.** *P. brasiliensis* *TUPA-mRFP* was transformed into the *S. cerevisiae* MLY61a/ $\alpha$  (WT) diploid strain and its *TPK2A* mutant XPY5a/ $\alpha$  and then the transformants were streaked on SLAD agar and an individual colony was observed under 20x magnification. Confocal microscopy of cells expressing PbTupA-mRFP, in which the nucleus was localized by staining with DAPI.

