









Figure S1 For each one of the 16 enzymes participating in the biosynthesis of GPI in *Pneumocystis jirovecii* we show the distribution of bitscores (from BLASTp) for all homologous sequences showing an E-value < 0.01. The thresholds (in bitscores) we used to retrieve sequences for further phylogenetic analysis are the following: GAA1 (330); GAB1 (250); GPI1 (400); GPI10 (160); GPI3 (500); GPI11 (70); GPI13 (400); GPI14 (260); GPI16 (350); GPI17 (200); GPI18 (150); GWT1 (200); MCD4 (700); PBN1 (40); PER1 (180); THO (80). In each histogram, the threshold is shown with a red line.