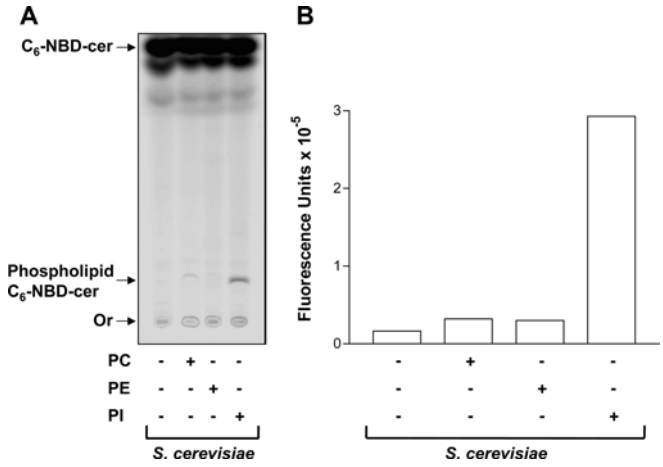
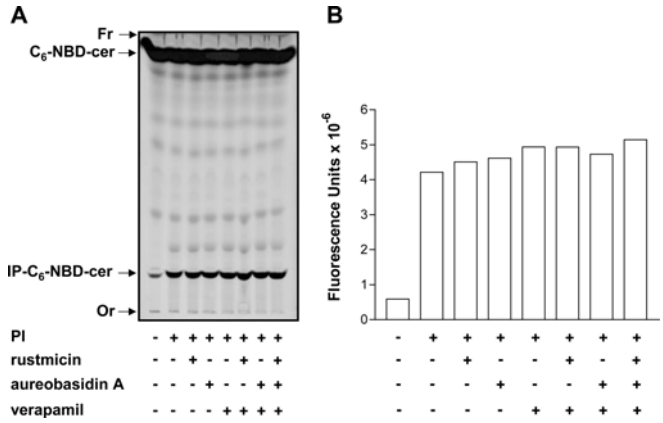
Supplementary Figure 1 Fluorescent phosphosphingolipids synthesized by *S. cerevisiae* microsomal membranes

(**A**) Membranes (100 µg·ml^{-1}) were incubated in 100 µl of 100 mM Tris/HCl (pH 7.4) containing 0.1 mM C_6-NBD-cer, 0.1% TX-100 in the absence (–) or presence (+) of 1 mM PC, PE or PI. After 30 min of incubation at 28°C, lipids were extracted, separated by TLC and visualized using a PhosphorImager Storm 860. The relative positions of synthesized phosphosphingolipids labelled with C_6-NBD-cer and non-reacted C_6-NBD-cer are indicated on the left, together with the origin (Or) of the chromatogram. (**B**) Fluorescence intensities of synthesized phosphosphingolipids containing C_6-NBD-cer were quantified using ImageQuant5.2.



Supplementary Figure 2 *T. cruzi* IPC synthase is not inhibited by rustmicin, aureobasidin or verapamil either alone or in combination

(**A**) Epimastigotes microsomal membranes (100 µg·ml^{-1}) were preincubated for 10 min under standard conditions for *T. cruzi* IPC synthase activity in the absence (–) or presence (+) of 10 µg·ml^{-1} rustmicin, aureobasidin A or verapamil as indicated before the addition of C_6-NBD-cer. After 30 min of incubation at 28°C, lipids were extracted, separated by TLC and visualized using a PhosphorImager Storm 860. The relative positions of synthesized IP-C_6-NBD-cer and unchanged C_6-NBD-cer are indicated on the left, together with the origin (Or) and the front (Fr) of the chromatogram. (**B**) Fluorescence intensities of synthesized IP-C_6-NBD-cer were quantified using ImageQuant5.2.



Supplementary Figure 3 Effects of verapamil, aureobasidin A or both on the phagocytic capacity of non-infected Mø

Murine peritoneal Mø, plated on to coverslips, were infected with TCT forms of *T. cruzi* (ratio of 10 zimosan particles per Mø) for 1 h, washed and incubated with fresh medium alone (control) or a medium containing 1 $\mu g \cdot ml^{-1}$ verapamil (ver), 25 $\mu g \cdot ml^{-1}$ aureobasidin A (aurA) or both (ver+aurA) as indicated. After 3 days, the coverslips were fixed, stained with Giemsa, and the percentage of Mø containing yeast particles as well as the number of particles per Mø were determined by direct counting and used to calculate the phagocytic index for each condition. Results are the means±S.D. for two independent experiments (performed in quadruplicate).