



**S2 Fig. Fluorescence intensity trace  $F(t)$  of EGFP in yeast cell.** The fluorescence intensity of EGFP measured in the cytoplasm of yeast decreases. The data are described by an exponential decay (solid line) with  $F_0 = 280$  kcps and a rate coefficient  $k_D = 0.0044$  s $^{-1}$ .