



**Figure S2** Yeast shmoo formation in temperature-sensitive mutants. (A, B) Representative DIC images of mutants containing temperature sensitive alleles in the essential proteins topoisomerase II (*top2-1*) (A) and karyopherin Crm1/Xpo1 (*xpo1-1*) (B). Mutants were grown at 25° until exponential phase and were maintained at 25° or transferred to 37° for 4h. Cells were then treated with 10 µg/ml α-factor for 2h. Percentage of cells containing shmoo in samples treated with α-factor are indicated. Approximately 300 cells were manually counted for each sample from at least two independent experiments.