



**Figure S5. EMSAs for Yer130c, Pbf1, and Pbf2. (A)** Yer130c can bind the STRE motif *in vitro*. Lanes 1, 5 and 9 are labeled positive probes containing the STRE motif (AGGGG) in the native sequence context of the indicated intergenic regions, without Yer130c protein in the reaction; lanes 2, 6 and 10 are the same as 1, 5, and 9 but with Yer130c protein added; lanes 3, 7 and 11 are the same as lanes 2, 6 and 10 except with 10-fold excess of unlabeled negative probe (nonspecific competitor) that doesn't contain the STRE motif; lanes 4, 8 and 12 are the same as lanes 2, 6 and 10 except with 10-fold excess of unlabeled positive probe (specific competitor) that contains STRE motif. **(B)** Pbf1 and Pbf2 can bind the PAC motif *in vitro*. Reactions in lanes 2-4 were performed using Pbf1 protein while those in lanes 6-8 were performed using Pbf2 protein. Lanes 1 and 5 are labeled positive probes containing the PAC motif (GCGATGAG) in the intergenic region of *RPC25* (iYKL144C), which encodes a subunit of RNA polymerase III, without Pbf1 or Pbf2 proteins in the reactions; lanes 2 and 6 contain both labeled positive probe and proteins (Pbf1 or Pbf2, respectively); lanes 3 and 7 contain labeled positive probe, proteins and 10-fold excess of unlabeled positive probe (specific competitor); lanes 4 and 8 contain labeled positive probe, proteins and 10-fold excess of unlabeled negative probe (nonspecific competitor) that contains a mutated version of the PAC motif (GCCATCAC).