

Figure S2

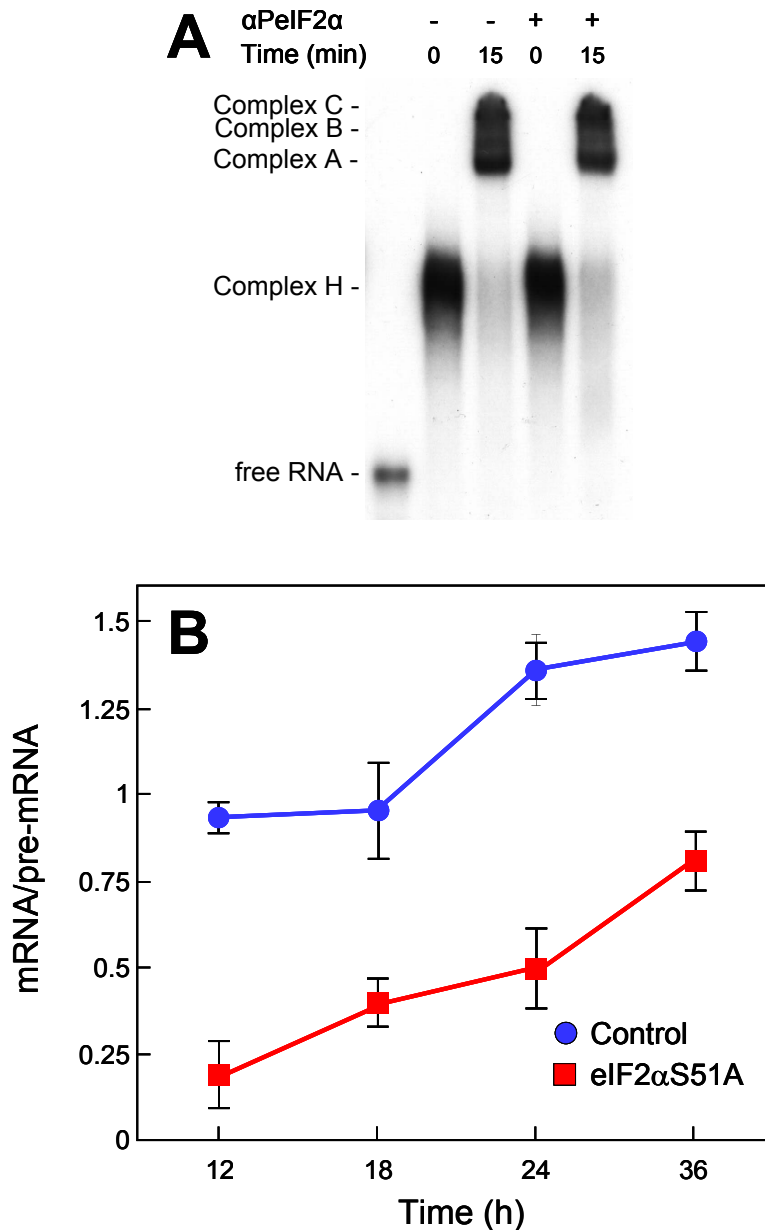


Figure S2. Spliceosome formation on *MINX* RNA is resistant to inhibition by α PeIF2 α mAb and eIF2 α S51A expression inhibits β -globin mRNA splicing. (A) Spliceosome formation on *MINX* RNA. Spliceosome formation was assayed as in Figure 4C, using labeled *MINX* RNA and 3 μ g of α PeIF2 α mAb. (B) Expression of nonphosphorylatable mutant eIF2 α S51A inhibits splicing of β -globin mRNA. HEK293T cells were co-transfected with equal amounts of β -globin gene vector, vector expressing human full-length eIF2 α S51A or empty vector (Control). At intervals after transfection, levels of spliced and unspliced β -globin transcripts were determined by qRT-PCR; splicing efficiency is expressed as the ratio of spliced RNA over unspliced RNA (mean \pm SEM; n = 3). Data in B and Figure 4G represent independent experiments.