## **Supplemental Figures**

The following files are available as supporting information for this manuscript:

Figure S1. Mascot Score Result and ion spectra for the AtbZIP16 identification.

**Figure S2.** Expression and purity of HIS-tagged recombinant proteins assessed by Coomassie staining.

**Figure S3.** Competition assay was performed with EMSA by adding unlabeled Gbox probe at 100 times in excess.

**Figure S4.** Increasing concentrations of DTT results in complete conversion to monomers.