



Figure S8. Nuclear immunoprecipitation (IP) of bHLH84 with C-terminal HA tag or N-terminal GFP tag in Arabidopsis.

- A. Nuclear IP of OXbHLH84-GFP-HA in Arabidopsis. The nuclei of *OXbHLH84-GFP-HA* transgenic plants were isolated and nuclear proteins were extracted and subjected to IP with anti-HA beads, using a previously described method [63]. Input indicates protein sample before IP. Elution indicates eluted protein sample. W8 indicates the 8th wash sample. FT (Flow Through) indicates the unbound proteins. “-” indicates sample without OXbHLH84-GFP-HA, which served as a negative control, while “+” indicates OXbHLH84-GFP-HA sample. IP: immunoprecipitation. IB: immunoblot.
- B. Morphology of four-week-old soil-grown WT, *snc1*, *OXbHLH84-GFP-HA* and *GFP-bHLH84* epitope-tagged transgenic plants.
- C. Nuclear IP of bHLH84 with N-terminus GFP tag in Arabidopsis. Similar IP procedure as Figure S8A was carried out except that the negative control was *GFP-bHLH84* sample incubated with anti-HA beads.