Supplementary Material

Induction of the heat shock response in Arabidopsis by heat shock protein 70 inhibitor VER-155008

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**Figure S1.** A scheme of the HSP17.6C-CIProGUS construct. The $\beta$-glucuronidase ($GUS$) gene was controlled by the $HSP17.6C-CI$ promoter.

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**HSP70 inhibitors**

- VER-155008
- YM-08
- Pifithrin-μ
- 116-9e

**Plant chaperone inhibitors**

- Geldanamycin
- Sanguinarine

*Figure S2. HSP70 inhibitors and plant chaperone inhibitors used in this study.*

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**Figure S3.** Relative water contents (RWCs) of *Arabidopsis* seedlings at 10 DAG in the same experimental conditions as in Fig. 4. The fresh, turgid, and dry weights of the seedlings were measured. RWCs were determined as the following equation. 

\[ \text{RWC} = \frac{\text{fresh weight} - \text{dry weight}}{\text{turgid weight} - \text{dry weight}} \]

Values and bars are means and SD (n=4).

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VER-155008 concentrations (µM)

Figure S4. Photographs of Arabidopsis seedlings at 10 DAG in the same experimental conditions as in Fig. 4. Bar represents 1 cm.

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