**Responses of PYR/PYL/RCAR ABA Receptors to Contrasting stresses, Heat and Cold in Arabidopsis**

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**Figure S1 Quantitative RT-PCR of *RCAR12/13* responses to heat stress**

One-week-old WT plants were exposed to heat shock at 38 °C, 42 °C or 52 °C for 2 h or control without heat stress. And then total RNA was isolated. *ACTIN2/8* was used as an internal control. Each value is the means ± SD of the three independent biological experiments.

**Figure S2 Quantitative RT-PCR of *RCAR12/13* responses to cold acclimation.**

One-week-old WT plants were exposed to cold stress at 4 °C for 12 h, -20 °C for 60 min, and then transferred to the normal condition for 3 h. *RCARs* of relative expression levels were isolated by quantitative RT-PCR. *ACTIN2/8* was used as an internal control. Each value is the means ± SD of the three independent biological experiments.

**Table S1 Primers used in this paper**

Figure S1



Figure S2



Table S1

|  |  |  |
| --- | --- | --- |
| qRT-PCR analysis | *CBF1*-F | AAGTACAAGACGAAGGATAGCATGAG |
| *CBF1*-R | ATCGTCTCCTCCATGTCCAG |
| *CBF2-F* | TGACGTGTCCTTATGGAGCTA |
| *CBF2-R* | CTGCACTCAAAAACATTTGCA |
| *CBF3-F* | GATGACGACGTATCGTTATGGA |
| *HSP70*-F | CATGACCGCGTCGAAATCATCG |
| *HSP70*-R | GCCAGTGACTCTTATCCGCTTGAAC |
| *HSP18.2*-F | CCGTTCTCGCAAGACTTATGG |
| *HSP18.2*-R | GAAGCGTTTGCCAACGCAGAA |
| *ACTIN2/8*-F | GGTAACATTGTGCTCAGTGGTGG  |
| *ACTIN2/8*-R | AACGACCTTAATCTTCATGCTGC  |