Table S1. Comparison of group/subgroup size of AP2/EREBP superfamily between this study and the previous study.

|  |  |
| --- | --- |
| This study | Previous study (Wang et al., 2019) |
| Classification | Group | No. | Classification | Group | No. |
| AP2 family |  | 18 | AP2 family |  | 18 |
|  | Double AP2 domain | 16 |  |  |  |
|  | Single AP2 domain | 2 |  |  |  |
| AP2/ERF family |  | 93 | ERF family |  | 91 |
|  | DREB | 32 |  | Group 1-5 | 33 |
|  | ERF | 61 |  | Group 6-11 | 58 |
|  |  |  |  |  |  |
| Soloist |  | 1 | Soloist |  | 1 |
| RAV family | RAV  | 7 | RAV family |  | 5 |
|  |  |  |  |  |  |
|  | Total | 119 |  | Total | 115 |



Fig. S1 Comparison of amino acid sequences of the AP2 domains in the FvDREB subfamily



Fig S2. Characteristics of cis-regulatory elements in the promoter region of *FvDREBs*. All cis-regulatory elements were listed in supplementary information. Some basic cis-acting elements, such as TATA-box, GC-BOX and CAAT-box, and some cis-regulatory elements with unknown functions were not shown in this figure. The elements in the left column were found in the promoter region of the three *FvDREB* genes, in the middle column were found in the two of three genes, and in the right column were only found in one of the three gene.