**Table S1** - Cis-regulatory elements responsive to drought stress, salinity stress, osmotic stress and ABA.

| Pattern | Description pattern |
|---|---|
| ACGT | This sequence required for etiolation-induced expression of erd1. |
| ACCGAC | DBF2" bound to "DRE2"; rab17 is expressed during late embryogenesis, and is induced by ABA. |
| WAACCA | MYB recognition site found in the promoters of the dehydration-responsive gene rd22. |
| CANNTG | MYC recognition site found in the promoters of the dehydration-responsive gene rd22 and many other genes in Arabidopsis; Binding site of ATMYC2. |
| ACGTGKC | DRE and ABRE are interdependent in the ABA-responsive expression of the rd29A. |
| YAACKG | MYB recognition site found in the promoters of the dehydration-responsive gene rd22. |
| RYACGTGGYR | ABRE in Arabidopsis dehydration-responsive gene rd22. |
| CCACGTGG | ABRE; ABA and water-stress responses. |
| YACGTGGC | ABA responsive element found is the promoter of stress regulated. |
| CACATG | MYC binding site in rd22 gene of Arabidopsis thaliana; ABA-induction. |
| CATGTG | MYC recognition sequence necessary for expression of erd1 in dehydrated Arabidopsis. |
| CNGTTR | ATMYB2 is involved in regulation of genes that are responsive to water stress in Arabidopsis. |
| CCGAC | Core of low temperature responsive element (LTRE) of cor15a gene in Arabidopsis. |
| TACCGACAT | Related to responsiveness to drought, low-temperature or high-salt stress. |
| TAACTG | ATMYB2 is involved in regulation of genes that are responsive to water stress in Arabidopsis. |
| CTAACCA | Binding site for MYB in dehydration-responsive gene, rd22. |
| WK[TAGC]CGTR | NAC binding site (NACBS). |

Note: The symbol W was used in addition to A or T; the symbol R was used in addition to A or G; the symbol Y was used in addition to C or T; the symbol K was used in addition to G or T; The symbol W was used in addition to T or A; and the symbol N was used in additional to A,C,G or T.