Table S3 Motif sequences identified using MEME tools in physic nut HSFs.

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| --- | --- | --- |
| Motif | Multilevel consensus sequence | Function |
| 1 | FIVWDPPEFARDLLPKYFKHNNFSSFVRQLNTYGFRKVDPDRWEFANEGF | DBD |
| 2 | PPPFLTKTYEMVDDPSTDSIVSWSESGNS | DBD |
| 3 | LMQELVRLRQQQQNTENQLQALEQRLQSMEQRQQQMMSFLAKAMQNPGFL | coiled coil |
| 4 | LRGQKHLLKNIRRRKPSQSH | DBD |
| 5 | QQQSLGACVEVGRFGLEGEVERLKRDRNV | Unknown |
| 6 | LLEENERLKKENLQLSSELTQMKALCNELLALLANYA | coiled coil |
| 7 | VNDVFWEQFLTEDPGSSNTDE | AHA |
| 8 | AIGKKRRL | NLS |
| 9 | WWNAQNMNQLTEQMGLLASA | NES |
| 10 | PQPMEGLHETG | Unknown |

Note : Numbers in the first column indicate the motifs represented in Figure 6 and 7.