**Supplementary Table 3.** Putative motifs identified from PeNAC proteins using MEME. The sequence logos were generated using WebLogo.

|  |  |  |
| --- | --- | --- |
| **Motif name** | **Sequence logo** | **E-value** |
| **Motif 1** | YPTGLRTNRATGAGYWKAT | 1.6e-1206 |
| **Motif 2** | LPPGFRFHPTDEELVNYYLKK | 5.9e-1431 |
| **Motif 3** | RAPKGEKTBWVMHEYRLEDKEP | 7.8e-1189 |
| **Motif 4** | VEVIAEVDJYKFEPWDLPGKA | 3.2e-1028 |
| **Motif 5** | KKLIGMKKTLVFYRG | 2.3e-804 |
| **Motif 6** | SGEKEWYFFSPRDRK | 1.7e-648 |
| **Motif 7** | QQDEWVLCRVFKKSG | 2.4e-462 |
| **Motif 8** | HPLIDEFIPTIEGEBGICYTHPEKLPGVSNDGQIRHFFHRPSKAYTTGTR | 7.4e-333 |
| **Motif 9** | SCLMASDFENQNPDKNNNMST | 3.9e-325 |
| **Motif 10** | VNNSADNQSEVRHYM | 4.1e-139 |