**Supplementary Table 5. The motifs consensus identified by MEME.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Motif | Consensus | Width | Nsite | E-value |
| 1 | DHRWNQHGLGGDNFRGLCRDLHPGPVSLLHWSGKGKPWVRLDANRPCPLD | 50 | 33 | 1.9e-1475 |
| 2 | TFAGRKPCYFNTGVMVIDLDRWREGDYTKKIEEWM | 35 | 33 | 4.2e-1005 |
| 3 | ISSSIRQALDCPLNYARNYLADLLPPCVRRVIYLDSDLVLVDDIAKLWAT | 50 | 33 | 6.0e-1215 |
| 4 | SRVJAAPEYCHANFTSYFTPTFWSBPTLS | 29 | 33 | 2.1e-687 |
| 5 | VHVAMTLDVAYLRGSMAAVLSVLQHSSCPZNI | 32 | 29 | 4.4e-687 |
| 6 | QKRKRIYELGSLPPFLLVFAG | 21 | 33 | 3.5e-557 |
| 7 | ASDLRATISSTFPYLNFKIYPFDSSSVSG | 29 | 32 | 1.9e-376 |