**Table S2 The secondary and tertiary structures of *CnSBP* gene family.** Blue presents alpha helix; Green presents beta turn; Red presents extended strand; Pink presents random coil.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Protein | Alpha helix (%) | Beta turn (%) | Random coli (%) | Extended strand (%) | Distribution of secondary structure elements | Tertiary structure prediction |
| CnSBP1 | 34.71 | 4.71 | 46.47 | 14.12 | 4 |  | |
| CnSBP2 | 21.47 | 9.2 | 44.17 | 25.15 | 4 |  |
| CnSBP3 | 32.95 | 7.36 | 33.33 | 26.36 | 4 |  |
| CnSBP4 | 26.81 | 3.83 | 56.25 | 13.1 | 3 | |  | | --- | |  | |
| CnSBP5 | 14.9 | 3.37 | 69.23 | 12.5 | 4 |  |
| CnSBP6 | 20.6 | 4.65 | 59.47 | 15.28 | 4 |  |
| CnSBP7 | 19.21 | 6.62 | 58.94 | 15.23 | 4 |
| CnSBP8 | 35.85 | 4.40 | 47.90 | 11.84 | bd339f9df1d283683542e4b4f2dc5f35_911e2a9e63dc.sopma_state |  |
| CnSBP9 | 17.87 | 3.09 | 67.35 | 11.68 | 28960906c616468c42b325c732a122d3_983f1e991d64.sopma_state |  |
| CnSBP10 | 24.91 | 3.97 | 60.65 | 10.47 | f7b12f2ab75ebd7b3009b656e909191e_b7cd15f483c0.sopma_state |  |
| CnSBP11 | 19.08 | 5.34 | 58.78 | 16.79 | 4dc533d6e1562fac121f77a21a0f0794_f447c71c89c0.sopma_state |
| CnSBP12 | 23.18 | 6.01 | 50.21 | 20.60 | 3fbaf339b2411e4cf1bb4cda092c528c_3859c978a4ce.sopma_state |  |
| CnSBP13 | 25.89 | 5.08 | 56.85 | 12.18 | 6c6b26b36a9020d1b0742d55d76a1e24_aafd1a18c226.sopma_state |  |
| CnSBP14 | 35.00 | 5.11 | 39.67 | 20.22 | 3c3e568d5f06bd285216383742e8e98d_8ec0df9ca51c.sopma_state | |  | | --- | |  | |
| CnSBP15 | 44.29 | 5.71 | 41.90 | 8.10 | 281198e8dd96237378acfadffc52bde2_a762b6f3a30a.sopma_state |  |
| CnSBP16 | 38.51 | 6.76 | 42.57 | 12.16 |  |  |
| CnSBP17 | 25.81 | 2.90 | 51.94 | 19.35 | 4 |  |
| CnSBP18 | 16.46 | 3.29 | 64.56 | 15.70 | 4 |  |
| CnSBP19 | 23.35 | 7.61 | 56.85 | 12.18 | 4 |  |
| CnSBP20 | 19.63 | 4.44 | 60.05 | 15.89 | 4 |  |
| CnSBP21 | 40.85 | 4.23 | 45.77 | 9.15 | 4 |  |