**Predicted TFBs on promoter region of *bZIP1* gene using AthaMap database**

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| --- | --- | --- | --- | --- | --- | --- |
| **SL. No.** | **TF family** | **TF** | **Orientation** | **Matrix Score** | **Threshold** | **Cis element** |
| 1 | MADS  | AG | Reverse | 14.56  | 6.32 | tcaaccattttggaaag |
| 2 | C2H2(Zn)  | ID1 | Reverse | 11.02 | 5.71 | aagagacaaa |
| 3 | MYB | MYB55(2) | Reverse | 12.9 | 6.36 | caaccactc |
| 4 | MYB | MYB46(3) | Forward  | 10.94  | 5.14 | caaccactc |
| 5 | GARP  | ARR10 | Reverse | 12.04 | 5.23 | cgaatcttcac |
| 6 | MYB | MYB52(2) | Reverse | 11.47  | 5.2 | aaacaaacg |
| 7 | bZIP | TGA1a | Reverse | 10.45 | 5.21 | ccacgtcgc |
| 8 | bZIP | bZIP60(2) | Forward  | 12.68  | 5.82 | ccacgtcgc |
| 9 | bZIP | TGA1a | Reverse | 10.45 | 5.21 | ccacgtcgc |
| 10 | MYB | RVE1(1) | Reverse | 10.28 | 5.95 | ataatatct |
| 11 | AP2/EREBP  | ATERF1(1) | Forward  | 12.97 | 5.42 | ggcggcagc |
| 12 | AP2/EREBP  | ATERF1(2) | Forward  | 12.97 | 5.42 | aggcggca |
| 13 | AP2/EREBP | RAV1 | Forward  | 10.65  | 5.01 | cagcaacacac |
| 14 | C2H2(Zn)  | ID1 | Forward  | 11.02 | 5.71 | ttgtcgtct |
| 15 | AP2/EREBP | WRI1 | Forward  | 19.35  | 6.03 | cttctctggagttttcgcagt |
| 16 | HSF  | HSFB2a(2) | Forward  | 10.7 | 5.2 | ttctggatc |
| 17 | HSF  | HSFB2a(2) | Reverse | 10.7 | 5.2 | ttctggatc |