**Predicted TFBSs identified for *bZIP1* gene using STIFDB2 database**

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| --- | --- | --- | --- | --- | --- |
| **SL.No.** | **Transcription Factor** | **Z - Score** | **Chromosome Location** | **Orientation** | **Cis elements** |
| 1 | [Myb\_box5\_MYB](http://caps.ncbs.res.in/cgi-bin/mini/databases/stifdb2/fetch_tf_details.pl?orgid=aratha&protein_name=Myb_box5_MYB) | 2.3759 | 5'UTR | Reverse | [C/T]AAC[A/T/G/C][A/G] |
| 2 | [Myb\_box5\_MYB](http://caps.ncbs.res.in/cgi-bin/mini/databases/stifdb2/fetch_tf_details.pl?orgid=aratha&protein_name=Myb_box5_MYB) | 2.3759 | Upstream | Reverse | [C/T]AAC[A/T/G/C][A/G] |
| 3 | [Myb\_box5\_MYB](http://caps.ncbs.res.in/cgi-bin/mini/databases/stifdb2/fetch_tf_details.pl?orgid=aratha&protein_name=Myb_box5_MYB) | 2.3759 | Upstream | Forward | [C/T]AAC[A/T/G/C][A/G] |
| 6 | [Myb\_box2\_MYB](http://caps.ncbs.res.in/cgi-bin/mini/databases/stifdb2/fetch_tf_details.pl?orgid=aratha&protein_name=Myb_box2_MYB) | 3.2611 | Upstream | Reverse | CC[T/A]ACC |
| 7 | [Myb\_box1\_MYB](http://caps.ncbs.res.in/cgi-bin/mini/databases/stifdb2/fetch_tf_details.pl?orgid=aratha&protein_name=Myb_box1_MYB) | 2.4906 | Upstream | Reverse | (T/C)AAC[G/T]G |
| 8 | [G\_box2\_bZIP](http://caps.ncbs.res.in/cgi-bin/mini/databases/stifdb2/fetch_tf_details.pl?orgid=aratha&protein_name=G_box2_bZIP) | 3.2030 | 5'UTR | Reverse | TGACG[T/C] |
| 9 | [C\_ABRE\_bZIP](http://caps.ncbs.res.in/cgi-bin/mini/databases/stifdb2/fetch_tf_details.pl?orgid=aratha&protein_name=C_ABRE_bZIP) | 4.2939 | Upstream | Forward | CGCGTG |
| 10 | [W\_box\_WRKY](http://caps.ncbs.res.in/cgi-bin/mini/databases/stifdb2/fetch_tf_details.pl?orgid=aratha&protein_name=W_box_WRKY) | 2.5427 | Upstream | Forward | (T)TGAC[C/T] |
| 12 | [HSE1\_HSF](http://caps.ncbs.res.in/cgi-bin/mini/databases/stifdb2/fetch_tf_details.pl?orgid=aratha&protein_name=HSE1_HSF) | 1.1837 | Upstream | Forward | TTC(A/T/G/C)(A,T,G,C)GAA,GAA(A/T/G/C)(A,T,G,C)TTC |
| 13 | [Myb\_box3\_MYB](http://caps.ncbs.res.in/cgi-bin/mini/databases/stifdb2/fetch_tf_details.pl?orgid=aratha&protein_name=Myb_box3_MYB) | 2.4754 | Upstream | Reverse | TAACTG |