

Supplemental Material 1. MYB112 Binding Sites in Target Promoters.

>MYB6 promoter

TTTTGTAAATTTTAAATTTAATTAATGGGAAAAATGTCATTAAAATCTTCAACTCATTGCAAACATTG
ATTTAAATCCTCAACTCTCGACGAAACAAAATAAATATTTGACTTTCTAAATAAATATCTAATTTTTT
TTGACCTGGCGATATTAGACACACTGTTAAGTAAATTAAGTACTAGATCCCGTTAACGGAGTTAATTTTTTT
GTTAACAGAGGCCATTAATGCAAACGTTATTGTTTCCAACAACAGAGTGACGTCGTTTTGTAATAA
TGACTGAACATAAATCCCAAATCAATCTAAGATCTCTAAATCAAGCAAATTCCTATCTCTAAATCC
CCATATGATTTGAACTGGAGATTTAATTGAGCCGTTATGACAAAACGATGACGTTTTATTGTTAGA
GTAAACGTTGTCGTTTTCAATCAACGAGTATGTTAACACACTAAACGTTCAAGGTTCTATTAACCTACT
GAACATCATGCCTAATATAGTCATGTCAACAAAAGTTTGATATTTATTTGAAAAGTCAAGAAGTTTTG
GTATTTATTTGGAAAGTAACATAAGTTTGATATTTGTTTCGTTCCGCGAGAGTTCAAGATTTAAATCA
AAGTTTTCAATAAGTTGAGAATTTAATGACATTTTTTTCCAAAAGATAACATGTTTGATAAATATTA
TTTTTGCATTGTATTTTTCTTAACTACCAACTAAATTATAAGAACAGTGAGAGAAAGAAAAAACAAA
AACCAAATCTAAGGAGAAAAAGTAAAGAGACAAGAAAAAAGAGAAAAAGAAGGTTACTTACTTACCT
ACCTAATCTCCATTACCCACACACAACACAGCAAAGCACAGCCTCACTTTATCTCCAATAGTCACA
TGACATAACCAAACTTAGTCAAAGTCTCCTCCTTTTTATATAACCCACAAATTGATCTCTTCTCTC
TTCTCTTACCCATCTTCTTTCATTACCCATGGGAAGATCTCCTTGTG
CODING SEQUENCE INDICATED IN ITALICS

>MYB7 promoter

GATTATTAATACAAACCTGTACAAGTTTTTGAACGAGTAAAAAATCATAAGTAATTCATAAATAGTTA
AAAACAGTATAAAATAGGGGTATGAGTCACGAAAAAATTCGAATGGTGACCGAATCGCACATTAATA
AAATCTCTGCATATATATATATATATATATTTGTTATTATTTGAACTGCACCGCACTTTATCCGCAGTT
GAACTGCATGTTCCATTAAGACTCTGAGAGTAATATATATGATAAAGCTTTTATTTATTATAATCAG
GCTCGACTCATTAGGGTGGAGCGAAAGTGCACGGTCCAAACCTTATGCCTATTTAAAAAATTTACA
TAAGAAAAAGTTTTTTATTTTTTGGAAAAAAGTTGTCAAATATAATTGATAAAATCCCAAATTT
CTTTAAATATATATTTAAAGGCCCTGATTTTATTTCTAAATGACTTTTATATAACCAAAGAGCCAATA
TTTTTGTAATAATGTTAAAACACTCAAGATATACTTCAAAAATAATTGCAAAGATGCCCAAAAAAGTT
TTACCTAACAAAAGTCCAAAAAAGCAAACATTTACCCTAAGACTCAAATTTATGTTGGGCCGGGT
CTGGTTATTATTTAAACGATCAAAGCTAGTGTTTTGTTAAACCGCAATTTTGTAGCATTTCATATGTT
AAGATTTGATGGTTGAAAGGAAAAAATAAATTTGTGAATAATAATGGTTATGAGATCTAAAACATCAAA
GGAAAATCAAGAAGAGAAAGGTATAAAATATTGAATAAATAATGAATGTGGCAGTTATAGTTTGAT
GTAGAATAAAAGATTAAACAAAAATCAAGAGCCCCACCAGCCACTCCTTCAAACGTGTCTTACCAACT
CTCTTCTAGAAGCAATTAGGCTCACCTTCCACCTCCAACACCTCTCTCCCCTTCTCTCTCCATAAAAC
CCTCAACAACAGAATCAAAGCATCATCATCAGAGAAGAGAGTC

>MYB32 promoter

tatacgaaacgatttggtgagatatgTTTTAACACTTCTTAAAGGAAGTAGGATAAAGTggaagggtca
cgaaccactccc catattGCAGCCAAATCTACACCAAACCGTACCCAAAAATGAAATTAACCTTTCCCT
CAAAACCAACCTTGTTTGTGTCTTCTAGATTAATCCTCCAACTTTTGATTAACCAAAAAATATCA
AACTAACATGTTCTCCTTTTTCTTTAGAAATCTAACGAATTTATCTTTATACTGATTTGAATATAC
TTAATTTGGTCAATTTGGATGCCCTTTACAACCTCCTTACCAAACCTACTATGGCAAATATATACTATT
TTCCATTGTAACATAAATGTCCATAATTTGAATTAATTCGTTGCAGTACGAAACCATCCAATTTGT
CCAAAAACAAAATCCTTATAACTATTTACTTTAATGAAAATATATCCTCTACTTTTTGTTTTTACAACC
CTAGCTCAAACAAATTTATTATTTGCGATATAAAATCATATCGAACAAACTCGATGATTTTTTTTTTCT
TTACGTTATTAATGAACTAAAAATATAGAAAAAACAAGATGAACCAAATTTTACCTATCTAACTAC
TTAAATATAATATGATTAATTTGGTAAAGTTTGAAGAGTTTCTTTAGGAAATGTGAAATATTGATCA
CAGTTTCTATTGCTAAAATCACCAACAAAACGCATGTGCGCATTATAAATATGGTTTTACACCTACA
ACTAGGCTAATAAGTAAATAAGTAGACAACACTAGACTCAGGTTTGAAGAAACATAAAAGCCATATAGC
GTTTTCTCATTGAACTGCGAACACGATCGTGTGAATGTTGCAGTTTCTAGTTTTGATACAAACAAAC
AAAAACACAATTTAATCTTAGATTTAAAAAGAAAAAAGAGAACGGAGCCCCTAGCCACTCCTTCAAAC
GTGTCTTACCAACTCTCTTCTAGAAACAAATTAGGCTTACCTTCTCTTCCAACCTCTCTCTCTCTC
TCTCTTCTCAAACCGTCTCTCCATAAAGCCCTAATTTCTTCTCATCACAAGAATCAGAAGAAGAAAG
promoter upstream of -1kb indicated with small letters

Promoter sequences were extracted from TAIR (www.arabidopsis.org/).

MYB112 binding sites are highlighted with yellow background.

DNA fragments used for EMSAs are underlined.

Sequences of primers used for ChIP-qPCR are indicated in various colours.