

AtMYB80 (1) -ATCGATATTCAAAGTTGTGTAATAATGTGGATTACCACTACTTGTTTACAACAAAAGATG
BnMYB80A (1) -----
BnMYB80C (1) -----T-CACGTGG
GhMYB80-1 (1) AAACCCTATTTTAACGTAAATAAATCTAATGGAAAAGTATTTTCGTAACAA--AACGATA

AtMYB80 (60) ACACAAGTAGGGTCTTCGTTGATTTAGAACAAAAGGTACAAGTT--CGTACCGGAAAAG
BnMYB80A (1) -----GAATTCAGATTAGGAA-TAC--GTT--CGTACCGGGTAGGG
BnMYB80C (9) GGGTCCTGTAAATTGACTCGGAAAGTCTCAAACGTAAATGC--GTT--CGTCCGCGAAAAG
GhMYB80-1 (59) ACGTGACTAAAATGTAACATTTCAACATAAAGTGGCTAAAAATTAACTTGAGGCAACAA

AtMYB80 (118) GTACTTCTACAA-GAATCTGTGCTTTTCACGAATGCTCTCATAGTCTC-ACAAATGCACA
BnMYB80A (37) A-----CGAAAG-GAAAGGGTACATGTCTT-GAGATTTTTCGTAACAACGACTGCTCA
BnMYB80C (65) A-----CAA-----GAAACGGTACTTTGTATAAGATTCTCTCTGTTTTCATGAAATGCACA
GhMYB80-1 (119) AAATGACTATTTTGAATAGTTTACCCTTTTTTTACCGTTAAAAATTGATCCCTATATATC

AtMYB80 (176) CGAACGCTTTCGCAATATCTCTCGTACTTGTGCGGTA----CTTCACGAATACATTCCTT
BnMYB80A (90) TTAATTCGCC--ACAACTACGCCCT-----CGAA----TCTCAT-AATAATTCCTCGTA
BnMYB80C (116) CGTACGCCCTCGAGACATCTCCAT-----GCG-----CACCAA-GATATT-TCCTTA
GhMYB80-1 (179) AGCATTAGGT--ATACGTAGCACATCATATGTGGTTATTCCGTCAAGTCACTT-AAATTTT

AtMYB80 (232) ACAAATGAAAAA--GTTGTCAAACTTTTAAAAA--CGTGTCAATACATTCCTT
BnMYB80A (136) CATCAC-GAAGACATA-CATTCTCTTACAAAAGGACAGGACATTTGTC-AACATCAGT
BnMYB80C (163) GAAAAAGAAATATGCATCAATAAAGTTCGAGTTTAAATACTTTGCAAAAAA--AACTCCAGT
GhMYB80-1 (236) TAATAGTAAAAATGATGAAGTGAACAATTTTCTTAAATTAATGTACATTGACTAAT

AtMYB80 (290) ATGATCACAAATTAT--ATTAAAAAGAGTACAATTTTCACTTTCATAATCCAAGGCTAGT
BnMYB80A (193) GT---CACAG-TTAT--ATAAATCTA---TAAGAGCTCAACTTATA-----
BnMYB80C (222) CT--AACAA-TTAT--ATAAACCTA---TAATATCTCAATTTATAATAATGATTCAAC
GhMYB80-1 (296) TTG--CACATTTTATGAATAAAAGACAATACAAATTT-AACTCTAATATATGAGTCAAC

AtMYB80 (348) TTGTTATCCAAGTCTTCTACCAATCCCAAAATGTTTAAAAGTTGGAGTTTGCATAGAG
(231) ---TCAT-----GTT-AT--AATG-----
BnMYB80C (273) CCTAAT-----GTT-AA--ACTGCCAAAATTTATTGT--TGCGTAGAT-AATATTT
GhMYB80-1 (353) GCGTACTTTTACCAAAAATAGTACGTGGGGTGATT-TAA--GACAAAGC-CACACGT

AtMYB80 (408) AATATCAGAAATTTATATAATCTAACTGTAAATAATGA--AGAATATAATTTTATGG
BnMYB80A (244) -----TAACTAATTTATTTT-TGGGTGAAATTCGATAA-TACGATTTGAAAAAG--
BnMYB80C (320) CACAGAAATTTATTTATGTT-TGGGTGAAATTCGATAAATACAATATGAAAAAAGAA
GhMYB80-1 (409) GGAAGTTGAAACATTTGGAAGGGCTGTAAAGTAA-TGATATGA-TGAAATCTGAAAGAATG--

AtMYB80 (466) TGAATAATCTGAATGTAAAAGGAGTGTGACCAAGCGTGTGAGTGGGTGACCTACCGGCTTAA
BnMYB80A (292) TG-----CGATATACAAGGAGTGTGACCAAGCGTAGGGTGGGTGACCTACCGGCCAAA
BnMYB80C (379) TGATGAAAATGGATATACAAGGAGTGTGACCAAGCGTAGAGTGGGTGAACTACCGGCCAAA
GhMYB80-1 (465) TCA-----AAGAAGAGAAGAGTGTGACCGGCGTCTTGAGGGTGGGTGACCTACCGGCCAAT

AtMYB80 (526) GGGAAATCACACGCTCTGTAGCGTTGAATTTCTTTAAGAGTTTAAATCAA--TTCATGCA--
BnMYB80A (344) GGGAAATCACACGCTCTGTAGCGTTGAATTTCTTTATAGAGTTTAAATCAC--TTCATGCA--
BnMYB80C (439) GGGAAATCACACGCTCTGTAGCGTTGAATTTCTTTACAGAGTTTAAATCAC--TTCATGCA--
GhMYB80-1 (517) CC--TTCACACACTCAACAGCGTTGAATTTCTTTATAAACTCAATGCACATTGATGGATG

AtMYB80 (582) -CATCTGATGCTAATTTTACTATGTTTTCATTTTGTAAATCAATTTTATTATATATA
BnMYB80A (400) -CATTTGATGCTAATTTTCACT---GTTTAAATCTT-----TTATAAG---TA
BnMYB80C (495) -CATTTGATGCTAATTTTCACT---GTTTCAATTTTGT-----TTATTATA--TA
GhMYB80-1 (575) TCTTTTTCATGCATATATGCAATATCTTTCCTCCCTTTGTATAATAA---ATAATATACCTT

AtMYB80 (641) TACATACATTTCTTTCTTCTTTGCAATTTAAAAG-----CCTTGATTACAAGA
BnMYB80A (441) TGCATACATTTTCTTTCTTCTTCAATTTAATAG-----TCTCGATTACAAGA
BnMYB80C (539) TATACACATTTTCTTTCTTCTTCAATTTAAAAG-----CCACGATTACAAGA
GhMYB80-1 (631) AACAAATAAAATGTACACCCCAAACAATTTCTCACTTCCCCCGCCCTTTTTTCTTTA

AtMYB80 (691) AAGTACAAAAATCAAAAGTTGGCAG--TTTTAATCTTTGGTGGGCAATCTTTGATAT
BnMYB80A (491) AAACAAAGAAATTAAGTTTGGTAG--TTTTGATCTTTTGG---GCAATCTTTGATTT
BnMYB80C (589) AAACAAAGAAATTAAGTTTGGCAG--TTTTAATCTTTTGG---GCAATCTTTGATTT
GhMYB80-1 (691) TTTCCGACCTCATCAAAGTTTTTAAAGCTATACTAGCTGTAGCACAAAGAAGCACTCAGCC

AtMYB80 (749) ATATAAGTTTTTTTCAATTTCTAACCAAAATTTCTTTTTTCTCGTTAG--TAAATTAAGT
BnMYB80A (545) ATCTC---TTTTTCATCTCTTACCAAAATTTCTTTTGTTCCTGTGCTGAATTAAT
BnMYB80C (643) ATCTC---TTTTT---TTC-----TTT-CTTGATGATCAGTA-----AATTAAT
GhMYB80-1 (751) ATTTGCG---TTTTTCTTTTCTTTTAAATTTTTCCTAATTTGTTGCCGAG--TCTTTAAAC

AtMYB80 (807) AAAGAGTAATCAAATCTATCAAGAGATAAAAACTAGAAAGAAAGAAAGAAAGAAATGGGTC
BnMYB80A (601) AAAGAAAAATCGATTTTCTTTTCGAGATAAAAACTAGAAAGAAAGAAAGAAAGAAATGGGTC
BnMYB80C (680) AAAGAGAGA-CGATCGA-----GAGATAAAAACTAGAAAG-----AAAGA-ATGGGTA
GhMYB80-1 (806) TTATTTTAGCATTTAATTT--GTCATGGAA--TAAAAGTGTAAATAAAAAAATGGGTC

AtMYB80 (867) GGATTCCATGTTGTGAAAAGGAGAATGTGAAAGAGAGCAATGGACTCCTGAAAGAAGACA
BnMYB80A (660) GGATTCCATGTTGTGAAAAGGAGAATGTGAAAGAGAGCAATGGACTCCTGAAAGAAGACA
BnMYB80C (726) GGATTCCATGCTGTGAAAAGGAGAATGTGAAAGAGAGCAATGGACTCCTGAAAGAAGACA

GhMYB80-1 (862) GGATTCATGTTGTGAGAAAGACAATGTTAAAAGAGGACAGTGGACACCCGAGGAAGACA

AtMYB80 (927) ACAAATGGCTTCTTATATTGCTCAACATGGTACTCGTAATTGGCGTCTCATCCCTAAAGA
BnMYB80A (720) ACAAATGGCTTCTTACATTGCTCAACACGGTACTCGTAATTGGCGTCTCATCCCTAAAA
BnMYB80C (786) ACAAATGGCTTCTTACATTGCTCAACATGGTACTCGTAATTGGCGTCTCATCCCTAAAA
GhMYB80-1 (922) ACAAGCTCTCTCTTACATTGCTCAACATGGCACCCGCAATTGGCGTCTCATCCCAAGA

AtMYB80 (987) ATGCTGGTAATTTAAATTTTCTCTATATTTTITTAATG-----TTTAT-----
BnMYB80A (780) ACGCTGGTAAATTAATTTGCACT-TCTTTAATCAAGTAGGAATAGTCTTATAAAGATCT
BnMYB80C (846) ACGCTGGTATATTTAATTTTCACT-TTTTTC-TAAAATA-----TTAT-----
GhMYB80-1 (982) ATGCTGGTCTGTGT--TTTGTCT-TATCAC-CCTAATA-----TCCAATG-----

AtMYB80 (1032) -----TAGTCAAGTGA TCA-----TTGT
BnMYB80A (839) GATTA TCCATCACTCTCTGAAATATTTCAAGACAAACTTTTAAAACAACAATGTTTGT
BnMYB80C (887) -----TTCTTTAGTCTAGT-AAATAT-----AATGAT-GT
GhMYB80-1 (1024) -----CCATTGGATTGCAATGCA-----ATTGT

AtMYB80 (1051) -----AATTAATATA---ATGAATCGACAAATTTGGT-----C--
BnMYB80A (899) AAAAGGTAAAGATTGTTTATAATGTACATACATAAATAGG--CTGGTGAAA-ATTT
BnMYB80C (914) ---GGTCTA-ATTTG-FTTGAGCTGTATTAATGATCGGTGAAACCTGGT-----TGT
GhMYB80-1 (1047) -----GTTATTTTGTGTTT---AAAAGTAAAAGAAATGGGTGGGGATGA

AtMYB80 (1083) -TTTAA TAGGGTTGCAAAAGATGTGGGAAAGAGTGTAGGCTCGATGGACAAACTATCTGC
BnMYB80A (956) GTTTTGTAGGATTGCAAGATGTGGGAAAGAGTGTAGACTAAGATGGACGAACATTTGC
BnMYB80C (963) TATATA TAGGATTGCAAGATGTGGGAAAGAGTGTAGACTACGGTGGACAAACTATTTGC
GhMYB80-1 (1094) TTTTGT TAGGCTCTCAAAGATGTGGGAAAAGCTGCCGATTGCGATGGACTAATTACCCTC

AtMYB80 (1142) GTCCGATTGAAACATGGCCAGTTCCTCGGAGGCTGAAGAACATATCATTGTCAAGTTTC
BnMYB80A (1016) GTCCGACCTGAAACACGGACAGTTTCAGACGCTGAAGAACATATCATTGTCAAGTTTC
BnMYB80C (1023) GTCCGACCTGAAACATGGTCAATTTCTGAGGCTGAAGAACATATCATTGTCAAGTTTC
GhMYB80-1 (1154) GGCCGACCTTAAACATGGCCAGTTCCTCAATGCTGAGGAGCAAACTATTGTGAAGCTCC

AtMYB80 (1202) ACTCTGTTCTTGGTAACCGGTATGATCACTACTACTAGATCTAAATTAAC TACGGT TTA
BnMYB80A (1076) ACTCTGTTCTTGGTAACAGGTATGACTCTTAAATACAACTCCTCTCTTAAGAA TCAATAAA
BnMYB80C (1083) ACTCTGTTCTTGGTAACCGGTATGACTCTTTATA-----TGTATGTACCA-----
GhMYB80-1 (1214) ATTCTGTTGTTGGCAACCGGTA-----

AtMYB80 (1262) TGATTTTCTTAAAAGATTTAATCTAGGTGTATAAATTACAGATGGACTCAATAAATATCG
BnMYB80A (1136) ATTTCTGTTACGTCA-----TTTCTGGGATGTGAAAATTATGGATAGACTAA--AGTGGCC
BnMYB80C (1130) -----TACCTCA-----TTAC---GGCCTTCAAACCTTTC-ATACA TCA--ATTTCT
GhMYB80-1 (1236) -----

AtMYB80 (1322) GGTTCCTTACTAAGTTTGTGA-AATT TTGATGCT-GACTTACTGATGAATTGTTTAT
BnMYB80A (1190) TGTTTTAAATAAATAATATTATGCAATATGATAGTCTCCAGACTGTTCAA AAAAAGACGT
BnMYB80C (1173) TGAAATCCAT--TTCTTTGGGATATTTAAGAAAGT-TACAGATAGACTCAAACAGGGCGG
GhMYB80-1 (1236) -----ACAAA CCGTAAACAATG-----

AtMYB80 (1380) GAGTTT TTTGACAAGTTCTTTGGGACACAAGAACTGAATAAG-----ACATA
BnMYB80A (1250) GATGAGAACTCTCACAAGTCTTTGGGACAAGAACTGAATAATCGATCTAAC TTTAGCAGG
BnMYB80C (1230) GGTTTGT-TCTTATTCTGTTTGG-----ATTTGATTAT--ATC--ATTTGTCACACA
GhMYB80-1 (1254) G-----CTTCC TTAG-----ACA

AtMYB80 (1428) AGTTT-TGTTCTATATAC-----CATAAATCCAAATCTAAGTAT--A-----GG-T
BnMYB80A (1310) AATTGCTGTTATATATAC TTAAC TACAGAGTTAATT TTTGACTCTAAATGAAATGCTT
BnMYB80C (1278) AGTTTCT-TGGGAAACAAGAAAC--AGAA--TAAGACGTAAACCT-----TGCTT
GhMYB80-1 (1267) AGACT-----A-----G--ATAAAATGCCA CCGT-----A

AtMYB80 (1471) TTTAAACTTTGGGAAC T-----TATA-ATTTCTATAA--AATTTGTTTTCGACTCATAA
BnMYB80A (1370) CTCTAACACTATTTGACTCAGAAACTAAAGGTTGTAATCAAAAGTTCCAAAAA AACAAAA
BnMYB80C (1323) TATATAACAGGTTCACTC-----TAGAT-TTCTAAT--ATTTCGAGAAGTTCTTCA
GhMYB80-1 (1290) TTTCAAGC--TT--C-----TTTGT T-----

AtMYB80 (1523) A---TAGAGTTTGTAT-GATGTATGCTGATGAATAGTCTGGGATT-TTTCATGAGAAACA
BnMYB80A (1430) AATCTAAAGTTGAAAGATGCT-GATGATA--TTATATGTTTATTTCCAAAGAGCA
BnMYB80C (1373) ---TAAAGTTTGAATAATATATAGCTGATC--GT--TGGATTATTTCCAAAGAGCA
GhMYB80-1 (1308) -----GTTTTA---TA--GCTCAT-----GTTTT-----GGGA

AtMYB80 (1578) ACAGTTAACATCTTTCTTG-----GG--AAACAT---TT
BnMYB80A (1487) ATAGTTAGCAAAA TTTCTGAGGAACAAGAAAGTGAATAAGAAA GACATAAACCTTGCCTTA
BnMYB80C (1424) ATAGTTAGCAAGAATT-----GAATAA---GACATCAACCTTATTT
GhMYB80-1 (1332) TTAGCTATTAAC TTTG-----TC---TA

AtMYB80 (1607) AATAA TCTTTTGACATATA---TGCTTCAGTGGTCTTGATTGCGGCGCAACTTCTCG
BnMYB80A (1547) AGT TTTCTTTTGACGTATATGCA TGGTTCAGTGGTCTTGATTGCGGCGCACTTCCAG
BnMYB80C (1463) AAT TTTCTTTTGACCTATA---TGCTTCAGTGGTCTTGATTGCGGCGCACTTCTCG
GhMYB80-1 (1352) A--A---TTTGTAC CACA-----TTGCAGCTGGTCTTGATTGCGAGCACAGTTACCTG

AtMYB80 (1663) GTCGACAGACAACGATGTGAAAAA TTTATTGGAACACGAAAGCTGAAGAAGAAGTTGTCAG
BnMYB80A (1607) GTCGAACAGACAACGATGTGAAAAA TTTATTGGAACACGAAAGCTGAAGAAGAAGTTGTCAG
BnMYB80C (1519) GTCGAACAGACAACGATGTGAAAAA TTTATTGGAACACGAAAGCTGAAGAAGAAGTTGTCAG
GhMYB80-1 (1400) GTCGACAGACAATGATGTTAAAAA TTTATTGGAACACGAAAGCTGAAGAAGAAGCTTTGAG

AtMYB80	(1723)	<u>GAATGGGAATAGATCCGGTGACC</u> <u>CACAAGCCTTTCTCGCAT</u> <u>CTAATGGCAGAGATCA</u> <u>CCA</u>
BnMYB80A	(1667)	<u>GAATGGGGATAGATCCAGTTACT</u> <u>CACAAGCCTTTCTCGCACCT</u> <u>AATGGCAGAGATCA</u> <u>CCA</u>
BnMYB80C	(1579)	<u>GAATGGGAATAGATCCCGTAAC</u> <u>CACAAGCCTTTCTCGCAT</u> <u>CTAATGGCAGAGATAA</u> <u>CCA</u>
GhMYB80-1	(1460)	<u>GCATGGGTATCGATCCTGTGACA</u> <u>CACAAGCCTTTCTCTCACCT</u> <u>CATGGCTGAGATAG</u> <u>CCA</u>
AtMYB80	(1783)	<u>CTACACTTAATCCTCCTCAGGT</u> <u>TCTCACCTAGCCGAAGCTGC</u> <u>CTCGGCTGTTTCAAGG</u>
BnMYB80A	(1727)	<u>CTACACTCAAACCTCCCCAGTCTCT</u> <u>CACCTGCTGAAGCTGCACT</u> <u>CGGTTGTTTCAAGG</u>
BnMYB80C	(1639)	<u>CTACACTCAATCCTCCTCAAGTCTCA</u> <u>CACCTGCTGAAGCTGC</u> <u>CTCGGATGTTTCAAGG</u>
GhMYB80-1	(1520)	<u>CTACATTGGCAACACCGCAGGTGGCT</u> <u>CATTTAGCTGAAGCGCACT</u> <u>AGGGTGTTTCAAGG</u>
AtMYB80	(1843)	<u>ACGAGATGCTTCACTTGCTCAC</u> <u>CAAGAAACGTGTGACC</u> <u>TAAACCAAATCAACTTT</u> <u>TCAA</u>
BnMYB80A	(1787)	<u>ACGAGATGCTTCACTTGCTCAC</u> <u>CAAGAAACGTGTGACC</u> <u>TAAACCAAATCAACTTT</u> <u>TCAA</u>
BnMYB80C	(1699)	<u>ACGAGATGCTTCACTTGCTCAC</u> <u>CAAGAAACGTGTGACT</u> <u>TAAACCAAATCAACTTT</u> <u>TC</u> <u>CCA</u>
GhMYB80-1	(1580)	<u>ATGAAATGCTCCACC</u> <u>TGCTAACTAAGAAACGTATCGA</u> <u>TTCCAGCT--TCAACAAT</u> <u>CAA</u>
AtMYB80	(1903)	<u>ACCATAACCT</u> <u>-----AACCCAAACAACCTTT</u> <u>CACGAGAT</u> <u>---</u> <u>GCTGATAATGA</u> <u>-----</u>
BnMYB80A	(1847)	<u>GCCCTAACCATAACCAT</u> <u>AACCTTAACCAACTTT</u> <u>AACCAACT</u> <u>--</u> <u>GTTGATAACGA</u> <u>-----</u>
BnMYB80C	(1759)	<u>GCCCTAAC</u> <u>-----CTAACCACTTT</u> <u>ACCGAAC</u> <u>--</u> <u>GTTGATAGCGA</u> <u>-----</u>
GhMYB80-1	(1638)	<u>TCCGGGACAA</u> <u>GGGAATAATAC</u> <u>CACAGTTCCTTAC</u> <u>CAACAACAGATGAGAA</u> <u>AGATGATAC</u>
AtMYB80	(1949)	<u>AGCTGGTAAGATAAAGATGGAT</u> <u>GTTTGGACCATGGGAATGGGATAA</u> <u>TGA-AG</u> <u>TTATGGG</u>
BnMYB80A	(1899)	<u>AGCTGGTAAGATGAAATGGAT</u> <u>-----ATGGTAATGGGATAA</u> <u>TGA-AG</u> <u>CTATGGG</u>
BnMYB80C	(1799)	<u>AGCTGGTAAGATGAAATGGAT</u> <u>GTTTGGAGAA</u> <u>TGGTAATGGGATAA</u> <u>TGA-AG</u> <u>CTATGGG</u>
GhMYB80-1	(1698)	<u>AGTTGAGAAGATCAA</u> <u>CTGAAT</u> <u>TAT</u> <u>----</u> <u>CAAGGGCTATACAA</u> <u>GAAACAGACAT</u> <u>GC</u> <u>TTC</u>
AtMYB80	(2008)	<u>ACATGGGTAATGGAT</u> <u>TCTCATATGGATC</u> <u>CTCTTCGTCTTCGT</u> <u>TTGGGAATGA</u> <u>GAAAGAA</u>
BnMYB80A	(1949)	<u>ACATGGGTAATGGAT</u> <u>TCTCGTATGGATCAT</u> <u>TTCCTCGTCC</u> <u>TTGGGAATGA</u> <u>GAAAGGA</u>
BnMYB80C	(1858)	<u>ACATGGGGAATGGAT</u> <u>TCTCCTATGGATCT</u> <u>TTCGTATCGT</u> <u>TTGGGAATGA</u> <u>AGACAAAA</u>
GhMYB80-1	(1754)	<u>CCTTGAA</u> <u>TAAACCATGGGAGT</u> <u>CTACTAGTAC</u> <u>AAGAGCAACAT</u> <u>CGGCTAATTT</u> <u>GAAGGG</u>
AtMYB80	(2068)	<u>ATGATGGATCAGCGTCTCCTG</u> <u>CGGTGCGAGCTTGGAGGGGT</u> <u>CACGGAGGAATA</u> <u>-CGTACC</u>
BnMYB80A	(2009)	<u>ACGAGGGATCCCGTCTCCTG</u> <u>CGGTGCGGCGTGGAGGGGT</u> <u>CACGGTGAATA</u> <u>-CGTACA</u>
BnMYB80C	(1918)	<u>ATGATGGAGCTGCGTCTCCTG</u> <u>CGGTGCGGCGTGGAGGGGT</u> <u>CACGGTGAATA</u> <u>-CGTACA</u>
GhMYB80-1	(1814)	<u>GTTGTGGTGT</u> <u>TTCCCTACATCTGT</u> <u>GACAGGATATCATCAT</u> <u>TATGGCCCATCAT</u> <u>CTTTTG</u>
AtMYB80	(2127)	<u>CCGCTAGCTGAAACCGCGGCAGCGG</u> <u>AGGAGGAGG--AGAGAAGGAA</u> <u>-GCTGAAGGGAGAA</u>
BnMYB80A	(2068)	<u>TCAGTGGCTGAGACGGCGGCAGT</u> <u>GGAGGAGGAAAG--AGAGGAGGAA</u> <u>-GCTGAAGGGAGAA</u>
BnMYB80C	(1977)	<u>CCGCTAGCTGAAACCGCGGCAGCGG</u> <u>AGGAGGAGGAGG--AGAGGAGGAA</u> <u>-ATTGAAGGGAGAA</u>
GhMYB80-1	(1874)	<u>CCAA</u> <u>TGAAGGG</u> <u>CGCGTTCGGCTCA</u> <u>CCATGGAGCC</u> <u>AGAGTATG</u> <u>TGTACGGGAAGCA</u> <u>CAT</u>
AtMYB80	(2184)	<u>GTG</u> <u>----</u> <u>GTTGATCAAG--AGG--</u> <u>AGATTGGATCTGAA</u> <u>-GGAGGAAGAGGAGAT</u> <u>GGAAAT</u>
BnMYB80A	(2125)	<u>GTG</u> <u>----</u> <u>ATGGAAACAAG--AGG--</u> <u>AGATTGGATCTGAA</u> <u>-GGAGGAAGAGGAGAT</u> <u>GGAAAT</u>
BnMYB80C	(2034)	<u>GTG</u> <u>----</u> <u>GTGGACCAAG--AGG--</u> <u>AGAATGGATCTCAA</u> <u>-GGAGGAAGAGGAGAT</u> <u>GGAAAT</u>
GhMYB80-1	(1934)	<u>GTACCGCAGGGGAAACAAG</u> <u>TTAGGTCACATGAGAAAT</u> <u>TAAAGGATGAA</u> <u>AATGTTGAA</u> <u>GAAT</u>
AtMYB80	(2234)	<u>GACGATGATGAGGAACCA</u> <u>-----TCATCATCATCAACATGTG</u> <u>TTTAAATGTGGATAAT</u> <u>GT</u>
BnMYB80A	(2175)	<u>G</u> <u>---</u> <u>ATGATGAGGAGGCAACATGATCAACAT</u> <u>AGCAACATGC</u> <u>TTTAAATGTGGATAAC</u> <u>GA</u>
BnMYB80C	(2084)	<u>CTTGATGATGAGGAGCCAG</u> <u>CATGATCAACATCAACATCATGTG</u> <u>TTTAAATGTGGACAAT</u> <u>GT</u>
GhMYB80-1	(1994)	<u>TTC</u> <u>-AAGGTGGAAA</u> <u>AA--ATT</u> <u>AAGAA</u> <u>TGCAACAAGCATA--TTCAATACAGAT</u> <u>TG</u> <u>T</u>
AtMYB80	(2288)	<u>CTTGTGGGATTTACAAGCTGATGATCT</u> <u>CATCAATCATATGGTT</u> <u>TGA</u> <u>-----</u>
BnMYB80A	(2232)	<u>CTTGTGGGATTTACAAGCTGATGATCT</u> <u>CATTAATCATATGGTT</u> <u>TGA</u> <u>-----</u>
BnMYB80C	(2144)	<u>CTTGTGGGATTTACAAGCTGATGATCT</u> <u>CATTAATCATGTGGTT</u> <u>TGA</u> <u>-----</u>
GhMYB80-1	(2049)	<u>GT</u> <u>TATGGGATATACCA</u> <u>TCTGATGATCTTATCAAC</u> <u>CCCTATTTATAG</u> <u>GAAAGCC</u> <u>TTAACAA</u>
AtMYB80	(2334)	-----
BnMYB80A	(2278)	-----
BnMYB80C	(2190)	-----
GhMYB80-1	(2109)	CAAAAA TAA

Supplementary Figure S1. Nucleotide sequence alignment of MYB80 homologs from Arabidopsis (*AtMYB80*), canola (*BnMYB80A* and *BnMYB80C*) and cotton (*GhMYB80-1*). Yellow highlight represents the conserved nucleotides. Blue or green highlight represents the partially conserved nucleotides. The conserved *cis*-elements in the promoters are boxed, including the W-box (TTGAC), MYB element (A/TACC), GTGANTG10 element (TCAC), DOFCOREZM binding site (A/TAAAG). The putative two MYB bind sites targeted for mutagenesis are underlined. The translation start and stop codon are in bold letters.