

Gene Name	At Locus ID	Acc. #	Small Dataset	Organisms
1 At pc-Myb1	At4g32730	AAD46772	yes	
2 At pc-Myb2	At4g00540	AAD46773	yes	Am - Antirrhinum majus
3 At pc-Myb3	At3g09370	AAF25950	yes	At - Arabidopsis thaliana
4 At pc-Myb4	At5g11510	AAK54739	yes	Cr - Chlamydomonas reinhardtii
5 At pc-Myb5	At5g02320	AAK54740	yes	Os - Oryza sativa
6 Pp pc-Myb	n/a	AAF78887	yes	Ph - Petunia hybrida
7 AmMIXTA	n/a	CAA55725	yes	Pp - Physcomitrella patens
8 AtMyb0 (GL1)	At3g27920	AAC97387	yes	Zm - Zea mays
9 AtMyb1	At3g09230	AAF14022	yes	
10 AtMyb2	At2g47190	AAB63819	yes	
11 AtMyb3	At1g22640	AAC25522	yes	
12 AtMyb11	At3g62610	CAB83111	yes	
13 AtMyb12	At2g47460	AAC62864	yes	
14 AtMyb13	At1g06180	AAF80215	yes	
15 AtMyb16	At5g15310	CAB89341	yes	
16 AtMyb18	At4g25560	CAA18170	yes	
17 AtMyb20	At1g66230	AAG51765	yes	
18 AtMyb22	At5g40430	AAD53091	yes	
19 AtMyb29	At5g07690	BAB11448	yes	
20 AtMyb30	At3g28910	BAB02134	yes	
21 AtMyb36	At5g57620	AAC83600	yes	
22 AtMyb39	At4g17780	CAB10558	yes	
23 AtMyb44	At5g67300	BAB09015	yes	
24 AtMyb52	At1g17950	AAF97274	yes	
25 AtMyb53	At5g65230	BAB11659	yes	
26 AtMyb58	At1g16490	AAD34700	yes	
27 AtMyb61	At1g09540	AAC33214	yes	
28 AtMyb75 (pap1)	At1g56650	AAG09100	yes	
29 AtMyb90	At1g66390	AAG52164	yes	
30 AtMyb101	At2g32460	AAC25928	yes	
31 AtMyb102	At4g21440	CAA20209	yes	
32 AtMyb106	At3g01140	AAF26160	yes	
33 AtMyb118	At3g27780	BAB02701	yes	
34 AtMyb123	At5g35550	BAB08716	yes	
35 Cr R2R3 Myb	n/a	*AV396320	yes	
36 OsMyb-IF	n/a	BAB64029	yes	
37 OsP	n/a	AAL84634	yes	
38 PhAN2	n/a	AAF66727	yes	
39 PpMyb2	n/a	CAA47435	yes	
40 ZmB2	n/a	**AF250185	yes	
41 ZmC1	n/a	P10290	yes	
42 ZmMyb-IF25	n/a	AF521881	yes	
43 ZmMyb-IF35	n/a	AF521880	yes	
44 ZmP1	n/a	AAL24047	yes	
45 ZmP2	n/a	AAG36774	yes	
46 ZmPI1	n/a	AAB67720	yes	
47 AtMyb4	At4g38620	CAB37518	no	
48 AtMyb7	At2g16720	AAD24605	no	
49 AtMyb9	At5g16770	CAC01841	no	
50 AtMyb14	At2g31180	AAD20663	no	

51	AtMyb17	At3g61250	CAB71055	no
52	AtMyb19	At5g52260	BAA97469	no
53	AtMyb25	At2g39880	AAB95273	no
54	AtMyb27	At3g53200	CAB64223	no
55	AtMyb31	At1g74650	AAG52371	no
56	AtMyb32	At4g34990	CAA17764	no
57	AtMyb33	At5g06100	BAA98199	no
58	AtMyb37	At5g23000	BAB08873	no
59	AtMyb38	At2g36890	AAD31574	no
60	AtMyb40	At5g14340	CAB87773	no
61	AtMyb41	At4g28110	CAB36780	no
62	AtMyb45	At3g48920	CAB62018	no
63	AtMyb46	At5g12870	CAB88251	no
64	AtMyb47	At1g18710	AAF27108	no
65	AtMyb48	At3g46130	CAB90940	no
66	AtMyb49	At5g54230	BAB10746	no
67	AtMyb51	At1g18570	AAF98417	no
68	AtMyb54	At1g73410	AAG30986	no
69	AtMyb55	At4g01680	AAC72864	no
70	AtMyb57	At3g01530	AAF01538	no
71	AtMyb62	At1g68320	AAG52612	no
72	AtMyb63	At1g79180	AAC17044	no
73	AtMyb64	At5g11050	CAC03453	no
74	AtMyb65	At3g11440	AAG51434	no
75	AtMyb66	At5g14750	CAC01874	no
76	AtMyb67	At3g12720	BAB02416	no
77	AtMyb68	At5g65790	BAB10686	no
78	AtMyb69	At4g33450	CAB38803	no
79	AtMyb70	At2g23290	AAB87103	no
80	AtMyb76	At5g07700	BAB11449	no
81	AtMyb77	At3g50060	CAB62114	no
82	AtMyb78	At5g49620	BAB10776	no
83	AtMyb79	At4g13480	CAB41106	no
84	AtMyb80	At5g56110	BAB09293	no
85	AtMyb81	At2g26960	AAF18615	no
86	AtMyb83	At3g08500	AAG50833	no
87	AtMyb84	At3g49690	CAB66907	no
88	AtMyb88	At2g02820	AAC05340	no
89	AtMyb92	At5g10280	CAB96684	no
90	AtMyb93	At1g34670	AAD46010	no
91	AtMyb94	At3g47600	CAB61986	no
92	AtMyb95	At1g74430	AAG52356	no
93	AtMyb96	At5g62470	BAB11497	no
94	AtMyb97	At4g26930	CAB36539	no
95	AtMyb98	At4g18770	CAB37462	no
96	AtMyb100	At2g25230	AAD23668	no
97	AtMyb103	At1g63910	AAG52460	no
98	AtMyb104	At2g26950	AAF18614	no
99	AtMyb105	At1g69560	AAG60101	no
100	AtMyb107	At3g02940	AAF26965	no
101	AtMyb108	At3g06490	AAG51322	no
102	AtMyb109	At3g55730	CAB81598	no
103	AtMyb111	At5g49330	BAB10351	no

104	AtMyb112	At1g48000	AAG51527	no
105	AtMyb113	At1g66370	AAG52158	no
106	AtMyb114	At1g66380	AAG52160	no
107	AtMyb115	At5g40360	BAB11591	no
108	AtMyb116	At1g25340	AAG28818	no
109	AtMyb117	At1g26780	AAF87032	no
110	AtMyb118	At3g27780	BAB02701	no
111	AtMyb119	At5g58850	BAB09630	no
112	AtMyb120	At5g55020	BAB10576	no
113	AtMyb122	At1g74080	AAG52518	no
114	AtMyb124	At1g14350	AAF43935	no
115	not assigned	At3g12820	AAL83584	no
116	not assigned	At3g13540	X90380	no
117	not assigned	At3g23250	CAA62032	no
118	not assigned	At3g24310	AAB38777	no
119	not assigned	At3g28470	AAC83599	no
120	not assigned	At3g30210	AAK54743	no
121	not assigned	At3g60460	CAB81832	no
122	not assigned	At4g37780	AAC83616	no
123	not assigned	At5g16600	AAD53090	no
124	not assigned	At5g26655	AAC13592	no
125	not assigned	At5g59780	AAC83616	no
126	not assigned	At5g61420	AAD53103	no
127	not assigned	At5g62320	AAF00581	no

*partial EST sequence used for contig assembly

**full length myb domain sequence available upon request