

Supplement table 2.

## Estimated period length of transgenic lines over-expressing MYB transcription factors

genes	At number	lines	n	Period	± SE	comments	control plants			
							n	Period	± SE	
<b>MYB5</b>	<b>At3g13540</b>	<b>A</b>	29	24.35	± 0.37		29	24.39	± 0.28	
		<b>B</b>	11	24.19	± 0.13		12	23.87	± 0.16	
<b>MYB6</b>	<b>At4g38620</b>	<b>A</b>	22	24.19	± 0.37		22	24.73	± 0.21	
		<b>B</b>	12	24.77	± 0.25		10	24.72	± 0.22	
<b>MYB55</b>	<b>At4g01680</b>	<b>C</b>	32	24.38	± 0.21		25	24.41	± 0.20	
		<b>D</b>	26	24.60	± 0.25		18	24.04	± 0.21	
		<b>K</b>	13	24.56	± 0.14		12	24.19	± 0.31	
<b>MYB64</b>	<b>At5g11050</b>	<b>A</b>	16	24.04	± 0.36		18	24.33	± 0.25	
		<b>B</b>	28	24.67	± 0.39		31	24.11	± 0.35	
		<b>C</b>	11	24.64	± 0.66		21	24.61	± 0.37	
		<b>D</b>	11	23.70	± 0.23		9	24.02	± 0.22	
<b>MYB95</b>	<b>At1g74430</b>	<b>A</b>	12	23.78	± 0.33		9	24.02	± 0.22	
		<b>B</b>	24	24.50	± 0.57		20	24.26	± 0.17	
		<b>F</b>	8	24.42	± 0.28		11	25.55	± 0.57	
		<b>G</b>	12	24.46	± 0.16		10	25.07	± 0.56	
<b>MYB98</b>	<b>At4g18770</b>	<b>E</b>	31	24.24	± 0.34		28	24.56	± 0.31	
		<b>G</b>	34	25.17	± 0.49		33	24.07	± 0.25	
<b>MYB103</b>	<b>At1g63910</b>	<b>B</b>	37	24.23	± 0.37		37	23.91	± 0.36	
		<b>C</b>	16	24.57	± 0.19		21	24.30	± 0.28	
		<b>E</b>	24	24.49	± 0.34		21	24.30	± 0.28	
		<b>F</b>	15	24.50	± 0.28		17	24.80	± 0.28	
<b>MYB107</b>	<b>At3g02940</b>	<b>I</b>	16	24.67	± 0.63		17	24.80	± 0.28	
<b>MYB111</b>	<b>At5g49330</b>	<b>A</b>	44	24.64	± 0.30		37	24.35	± 0.29	
		<b>D</b>	33	24.87	± 0.31		38	24.27	± 0.32	
		<b>E</b>	14	24.68	± 0.60		11	23.24	± 0.50	
<b>MYB114</b>	<b>At1g66380</b>	<b>A</b>	25	24.44	± 0.61		42	24.30	± 0.30	
		<b>B</b>	15	24.69	± 0.33		16	24.70	± 0.60	
<b>MYB116/CPM7</b>	<b>At1g25340</b>	<b>E</b>	23	24.52	± 0.30		20	24.55	± 0.41	
		<b>F</b>	19	24.65	± 0.19		14	24.26	± 0.35	
<b>MYB124</b>	<b>At1g14350</b>	<b>1</b>	11	24.96	± 0.34		4	25.05	± 0.36	
		<b>2</b>	14	24.64	± 0.24		11	24.24	± 0.11	
<b>MYB84</b>	<b>At3g49690</b>	<b>1</b>	23	24.55	± 0.23		15	24.64	± 0.24	
		<b>3</b>	16	23.77	± 0.32		13	23.94	± 0.23	
<b>MYB91</b>	<b>At2g37630</b>	<b>1</b>	11	24.44	± 0.33		11	24.13	± 0.30	
		<b>2</b>	3	24.20	± 0.29		6	24.43	± 0.40	
		<b>5</b>	15	25.10	± 0.77		6	24.25	± 0.32	
		<b>7</b>	12	26.32	± 1.13	long*	9	24.03	± 0.29	
<b>MYB79</b>	<b>At4g13480</b>	<b>1</b>	42	24.70	± 0.26		38	24.29	± 0.30	
		<b>2</b>	39	25.04	± 0.49		30	24.16	± 0.27	
		<b>3</b>	23	25.21	± 0.34	long*	19	23.83	± 0.19	
		<b>4</b>	23	24.44	± 0.22		20	24.07	± 0.20	
<b>MYB115</b>	<b>At5g40360</b>	<b>3</b>	36	24.69	± 0.39		42	24.34	± 0.17	
		<b>5</b>	34	25.34	± 0.37		44	24.77	± 0.25	
		<b>7</b>	19	25.00	± 0.19		23	24.74	± 0.35	
		<b>8</b>	25	25.86	± 0.39	long*	13	24.84	± 0.20	
<b>MYB29</b>	<b>At5g07690</b>	<b>2</b>	52	24.60	± 0.25		36	24.61	± 0.24	
		<b>3</b>	39	24.12	± 0.34		31	24.52	± 0.26	
<b>MYB101</b>	<b>At2g32460</b>	<b>6</b>	39	24.56	± 0.23		28	24.52	± 0.25	
		<b>7</b>	31	25.70	± 0.29	long*	23	24.61	± 0.32	
<b>MYB109</b>	<b>At3g55730</b>	<b>1</b>	33	24.65	± 0.40		25	24.48	± 0.34	
		<b>3</b>	23	24.45	± 0.24		29	24.31	± 0.21	
		<b>4</b>	27	24.77	± 0.32		16	24.12	± 0.25	
		<b>5</b>	9	24.11	± 0.13		10	24.32	± 0.23	
<b>MYB51</b>	<b>At1g18570</b>	<b>1</b>	19	24.07	± 0.24		17	24.20	± 0.28	
		<b>4</b>	22	24.45	± 0.35		15	24.66	± 0.25	
		<b>7</b>	13	24.44	± 0.25		11	24.80	± 0.32	
<b>MYB43</b>	<b>At5g16660</b>	<b>1</b>	38	24.62	± 0.38		25	24.72	± 0.25	
		<b>2</b>	29	25.04	± 0.40		24	24.69	± 0.46	

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<b>MYB122</b>	<b>At1g74080</b>	<b>1</b>	12	24.60	± 0.32		17	24.72	± 0.53
		<b>3</b>	42	24.44	± 0.29		28	24.27	± 0.15
<b>MYB85</b>	<b>At4g22680</b>	<b>1</b>	36	24.46	± 0.22	long*	27	24.01	± 0.15
		<b>2</b>	35	24.54	± 0.37		33	24.04	± 0.30
		<b>3</b>	11	24.17	± 0.39		9	24.99	± 0.25
		<b>4</b>	21	25.40	± 0.59	long*	13	24.67	± 0.49
<b>MYB99</b>	<b>At5g62320</b>	<b>2</b>	15	24.77	± 0.16		13	24.67	± 0.49
		<b>5</b>	19	25.21	± 0.12		16	24.87	± 0.24
<b>MYB3R2</b>	<b>At4g00540</b>	<b>1</b>	43	24.44	± 0.46	phase	31	24.96	± 0.27
		<b>2</b>	28	24.53	± 0.29	phase	26	24.60	± 0.30
		<b>5</b>	12	24.00	± 0.19	phase	9	23.73	± 0.21
		<b>6</b>	11	26.69	± 0.28	phase/long*	6	25.57	± 0.28
		<b>7</b>	12	25.06	± 0.33	phase	12	24.39	± 0.29
<b>MYB113</b>	<b>At1g66370</b>	<b>2</b>	17	24.71	± 0.31		18	24.98	± 0.28
		<b>3</b>	28	24.60	± 0.31		15	24.91	± 0.22
<b>MYB9</b>	<b>At5g16770</b>	<b>1</b>	41	24.50	± 0.15		25	24.70	± 0.23
		<b>2</b>	38	24.69	± 0.13		29	24.42	± 0.22
		<b>3</b>	25	24.39	± 0.19		19	24.28	± 0.18
		<b>4</b>	20	24.87	± 0.26		17	24.15	± 0.12
<b>MYB30/HSR1</b>	<b>At3g28910</b>	<b>2</b>	32	25.41	± 0.41		29	24.30	± 0.17
		<b>3</b>	20	24.39	± 0.21		18	24.31	± 0.17
		<b>4</b>	5	25.05	± 0.22	long*	8	24.63	± 0.14
		<b>5</b>	6	24.98	± 0.13	long*	9	24.17	± 0.20
<b>MYB59</b>	<b>At5g59780</b>	<b>2</b>	30	24.76	± 0.34	long*	26	24.06	± 0.22
		<b>13</b>	17	24.57	± 0.28		25	24.33	± 0.20
		<b>17</b>	5	24.30	± 0.18		8	23.57	± 0.20
<b>MYB62</b>	<b>At1g68320</b>	<b>7</b>	15	24.30	± 0.55		13	24.30	± 0.14
		<b>8</b>	23	24.19	± 0.37		16	24.64	± 0.14
		<b>16</b>	12	24.75	± 0.24		9	23.86	± 0.15
<b>MYB102/M4</b>	<b>At4g21440</b>	<b>1</b>	42	24.09	± 0.24		33	24.23	± 0.18
		<b>2</b>	21	24.57	± 0.23		18	25.34	± 0.24
		<b>4</b>	13	25.27	± 0.19		7	24.60	± 0.44
<b>MYB78</b>	<b>At5g49620</b>	<b>9</b>	28	24.98	± 0.30		20	25.00	± 0.35
		<b>10</b>	21	24.58	± 0.29		20	24.70	± 0.32
<b>MYB94</b>	<b>At3g47600</b>	<b>1</b>	17	24.81	± 0.14		12	24.37	± 0.22
		<b>2</b>	20	24.98	± 0.32		18	24.58	± 0.30
<b>MYB3R3a</b>	<b>At3g09370</b>	<b>A</b>	28	24.86	± 0.26		28	24.08	± 0.32
		<b>B</b>	32	25.83	± 0.31	long*	32	23.81	± 0.23
		<b>D</b>	15	24.53	± 0.29		18	22.98	± 0.31
		<b>F</b>	32	24.58	± 0.62		29	24.59	± 0.19
<b>MYB3R3b</b>	<b>At3g09370</b>	<b>K</b>	37	24.75	± 0.21		31	24.55	± 0.22
		<b>L</b>	34	24.79	± 0.23		35	24.92	± 0.20
<b>MYB3R4</b>	<b>At5g11510</b>	<b>C</b>	36	25.51	± 0.35		32	24.94	± 0.31
		<b>K</b>	26	25.07	± 0.20		30	24.87	± 0.43
<b>MYB4R1</b>	<b>At3g18100</b>	<b>F</b>	12	24.70	± 0.15		9	24.37	± 0.23
<b>MYB26</b>	<b>At3g13890</b>	<b>I</b>	35	25.06	± 0.24		30	24.94	± 0.31
		<b>L</b>	6	25.07	± 0.28		21	24.18	± 0.20
		<b>H</b>	5	24.23	± 0.19		12	25.20	± 0.17
<b>MYB3R5</b>	<b>At5g02320</b>	<b>1</b>	15	25.40	± 0.30		5	23.81	± 0.55
		<b>3</b>	13	24.63	± 0.03		7	24.14	± 0.32