

Table 1. Flowering time of the *maf2* mutant (a)

Genotype	N	Days of cold treatment (b)	Photoperiod (hours)	Days to visible flower bud	Total leaf number (c)
<u>Experiment 1</u>					
<i>maf2</i>	20	3	8	76-94 (81.1 +/- 2.7)	ND
wild type	11	3	8	76-103 (89.8 +/- 5.7)	ND
<i>maf2</i>	24	3	12	28-42 (35.7 +/- 1.5)	7-34 (23.1 +/- 2.5)
wild type	23	3	12	20-46 (39.6 +/- 3.1)	6-37 (27.6 +/- 3.5)
<i>maf2</i>	24	3	24	17-20 (18.1 +/- 0.3)	10-13 (11.8 +/- 0.4)
wild type	24	3	24	16-23 (20.0 +/- 0.7)	9-16 (13.0 +/- 0.7)
<u>Experiment 2</u>					
<i>maf2</i>	22	52	12	17-28 (19.8 +/- 1.2)	7-12 (8.5 +/- 0.4)
<i>maf2</i>	24	3	12	25-35 (28.7 +/- 0.9)	9-21 (16.0 +/- 1.7)
wild type	33	52	12	15-33 (23.0 +/- 1.7)	8-14 (10.2 +/- 0.5)
wild type	36	3	12	22-43 (34.7 +/- 1.6)	6-29 (21.5 +/- 1.7)
<u>Experiment 3</u>					
<i>maf2</i>	24	10	12	ND	8-15 (11.1 +/- 0.7)
wild type	24	10	12	ND	16-22 (19.0 +/- 0.8)
<u>Experiment 4</u>					
<i>maf2</i>	12	3	12	21-43 (34.8 +/- 4.1)	ND
wild type	12	3	12	34-48 (44.0 +/- 2.9)	ND
<i>maf2</i>	12	6	12	22-46 (33.3 +/- 5.9)	ND
wild type	12	6	12	22-48 (39.9 +/- 6.1)	ND
<i>maf2</i>	12	10	12	19-32 (26.5 +/- 3.0)	ND
wild type	12	10	12	26-48 (39.3 +/- 3.0)	ND
<i>maf2</i>	12	15	12	18-32 (24.2 +/- 2.4)	ND
wild type	12	15	12	34-43 (38.5 +/- 1.9)	ND
<i>maf2</i>	12	21	12	16-21 (18.0 +/- 1.1)	8-11 (8.5 +/- 0.6)
wild type	12	21	12	33-43 (36.9 +/- 1.7)	ND
<i>maf2</i>	12	85	12	15-20 (18.3 +/- 0.9)	7-9 (7.9 +/- 0.6)
wild type	11	85	12	14-19 (16.4 +/- 1.3)	7-9 (7.5 +/- 0.6)

Notes:

(a) Range of values obtained followed by mean +/- Standard Error with 95% confidence limits attached (parentheses)

(b) Duration of cold treatment on imbibed seeds at 4 degrees C, before transfer to growth room

(c) Number of leaf primordia produced by primary shoot meristem before first flower.

N = number of plants in population

wild type = non-transformed Columbia plants

ND = Not determined