



Figure S4 – FIONA1 acts partially independent of the photoperiod pathway to repress flowering.

(A) and **(B)** Quantification of *CO* and *FT* in Col-0, *fio1-1* and *fio1-5* by qRT-PCR. Values are the means \pm SD. N = 4. * P \leq 0.01.

(C) Phenotypes of *miP1a miP1b*, *fio1-1*, *fio1-5*, *miP1a miP1b fio1-5*, *co-sail*, *co-sail fio1-1*, *co-sail fio1-5*, *ft10*, *ft10 fio1-1*, *ft10 fio1-5* and determination of flowering time by counting the number of rosette leaves at bolting compare to wild type, under long day conditions. RLN = number of rosette leaves at the bolting stage. Values are the means \pm SD. N = 10 to 20. One-way ANOVA was carried out to test significance, **P \leq 0.005, ***P \leq 0.001.

(D) Phenotypes of *miP1a miP1b*, *fio1-1*, *fio1-5*, *miP1a miP1b fio1-5*, *co-sail*, *co-sail fio1-1*, *co-sail fio1-5*, *ft10*, *ft10 fio1-1*, *ft10 fio1-5* and determination of flowering time by counting the number of rosette leaves at bolting compare to wild type, under short day conditions. RLN = number of rosette leaves at the bolting stage. Values are the means \pm SD. N = 10 to 12. One-way ANOVA was carried out to test significance, ***P \leq 0.001.