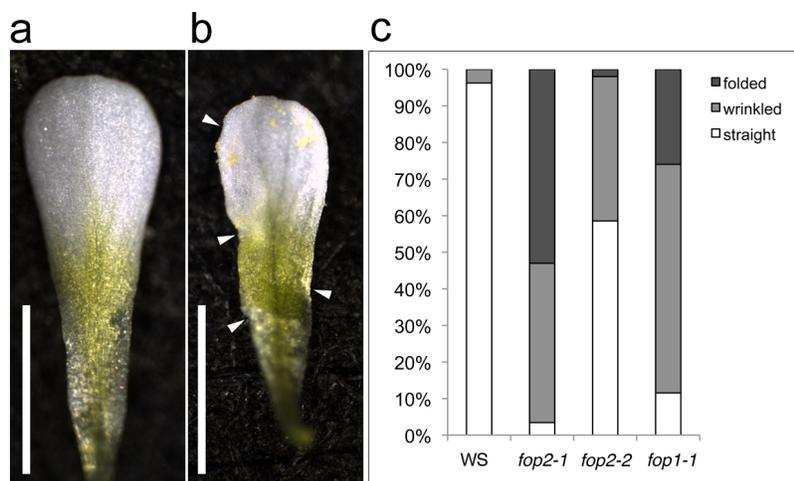
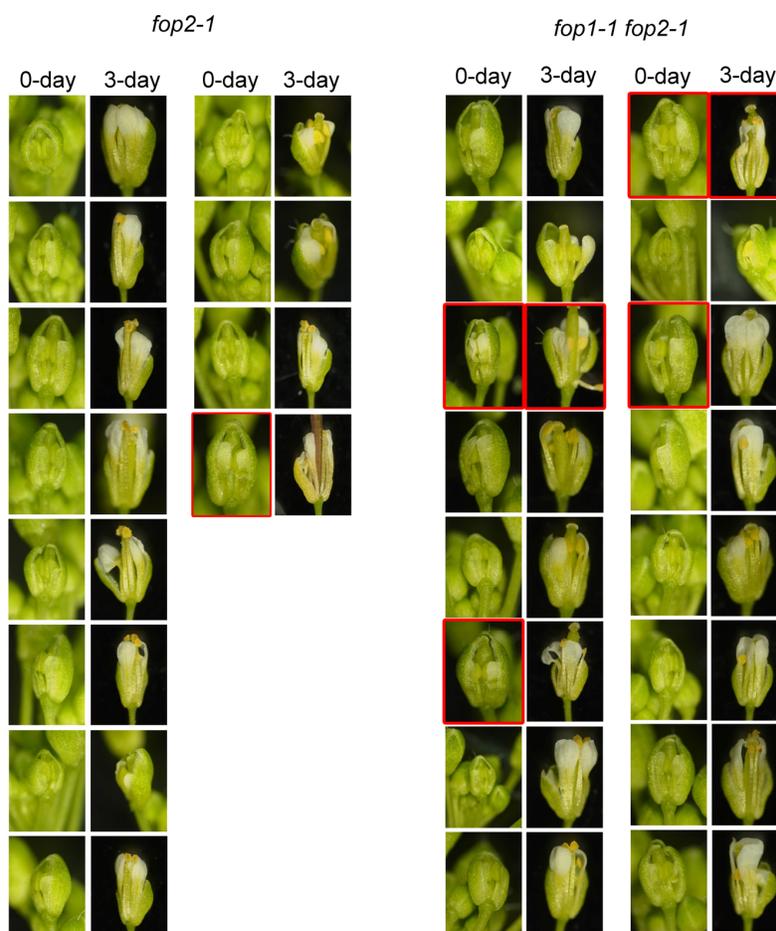


## Supplementary Material

**Figure S1.** (a) WS petal. (b) Wrinkled and unfolded petal in *fop2-1*. Arrowheads indicate the wrinkled sites. Bars: 1 mm. (c) Petal character of WS, *fop2*, and *fop1* mutants. Examined flower number: WS, 20; *fop2-1*, 58; *fop2-2*, 38; *fop1-1*, 26.

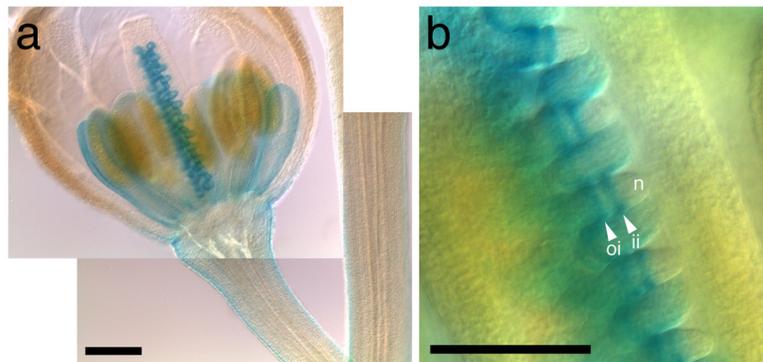


**Figure S2.** Sepal removal at early stage restores straight elongation of petals in *fop2-1* and *fop1-1 fop2-1* mutant flowers. Flowers with red square are with folded petals. *fop2-1*: n = 12, *fop1-1 fop2-1*: n = 16.





**Figure S4.** GUS staining in *FOP2g:GUS* flowers. **(a)** GUS stains in petals, ovules, and L1 cells of peduncles. **(b)** Higher magnification of ovules in **(a)**, showing the expression in outer and inner integuments (arrowheads). n, nucellus; ii, inner integuments; oi, outer integuments. Bars: 20  $\mu$ m.



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