

Table 1. Suppl. Primers used in this study.

Primers for qRT-PCR

pde-miR171 F: 5'-AAGAATGTGATGTTGGCTAGGCTC-3'
pde-miR171 R: 5'-TAGAATGTGATATTGGCACGGCTC-3'
AtSCL6-II F: 5'-GAGCTAATCGGAACCAACCGAAAC-3'
AtSCL6-II R: 5'-GCGATGTGAGAAGCTGCTCTTTGA-3'
AtSCL6-III F: 5'-GGTTAAGGCAGCAGAGGTCATAGA-3'
AtSCL6-III R: 5'-TGTTAGTGTCTGTCGTTGTTGTTGT-3'
AtSCL6-IV F: 5'-GGTTAAGGCAGCAGAGGTCATAGA-3'
AtSCL6-IV R: 5'-TTGGGAGACGTTGTGAAGGAGATT-3'
AtTUBULIN F: 5'-TTTACCCATCTCCACAGGTC-3'
AtTUBULIN R: 5'-AATAACCTGAGAGACGAGGC-3'

Primers for 5'-RACE

Unigene83401-outer 5'-ATTTCACGCAGTTCTTCTTTTCA-3'
Unigene83401-inner 5'-CAGTTCTTCTTTTTCACCTGGCTT-3'
Unigene10015-outer 5'-TCCAGCGGTGAAGAGATATTTGAA-3'
Unigene10015-inner 5'-GCGGTGAAGAGATATTTGAAGTTG-3'

Primers for co-expression of *pde*-miR171 and their targets in *N. benthamiana* leaves

pde-miR171 F: 5'-GCAGATGGTACAGTGTGTAAACGC-3'
pde-miR171 R: 5'-AATGGAATGGAATGGAGTGGATGAA-3'
AtSCL6-III F: 5'-GGGGTACCAACGACCAAGACCAGTCAGC-3'
AtSCL6-III R: 5'-GCTCTAGACATTGACCTCCATAACCGATA-3'
AtSCL6-II F: 5'-GCTCTAGAACAACAATTCCCGTCGTCTT-3'
AtSCL6-II R: 5'-AACTGCAGAGACGACCATTTGTCCTCCA-3'
AtSCL6-IV F: 5'-GGGGTACCCACAGAATCCTGCGGCTATC-3'
AtSCL6-IV R: 5'-GCTCTAGAAGGGCTTGGTTGGAGGTAAA-3'

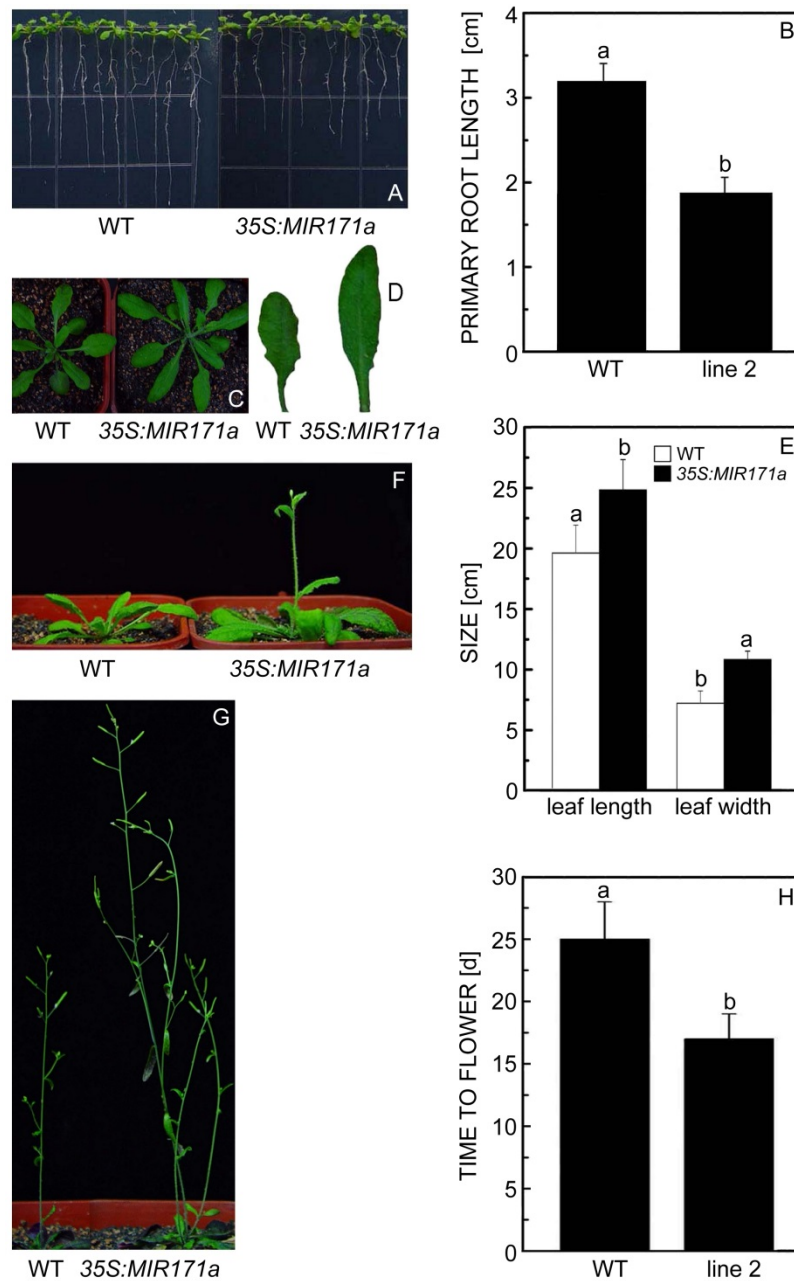


Fig. 1 Suppl. Phenotypic characteristics of 7-d-old 35S:*pde-MIR171* transgenic *Arabidopsis* plants in comparison with respective wild type (WT). *A* - whole seedlings, *B* - primary roots length, *C* - rosettes, and *D* - leaf shape; *E* - leaf length and width of 4-week-old plants; *F* - flowering of 4-week-old plants; *G* - flowering of 6-week-old plants; *H* - days necessary to start flowering. Means $\pm$ SEs, $n = 20$ (*A* - *E*) or 10 (*F*-*H*). Different letters indicate significant difference at $P \leq 0.05$ (Duncan's multiple range test).