

140 **Supplemental Table 5.** Quantitative data of phenotypes of WT, 25, 346, and 23456 mutants

Phenotype	WT	25 double mutant	346 triple mutant	23456 quintuple mutant
Plant Height (cm)	38.3 ± 2.0	38.0 ± 2.1	34.4 ± 1.9 _a	32.3 ± 3.7 _c
Rosette Number	26.2 ± 3.5	23.8 ± 3.6	25.8 ± 3.1	19.7 ± 4.3 _c
Flowering Time (days)	25.6 ± 0.9	26.1 ± 0.8	25.8 ± 0.9	27.6 ± 1.4 _c
Siliques per plant	278.1 ± 50.4	206.5 ± 43.6 _b	184.4 ± 31.6 _c	97.0 ± 58.7 _c
Silique Length (mm)	20.3 ± 3.5	19.7 ± 0.5	22.2 ± 2.7 _c	16.4 ± 3.8 _c
Seeds per silique	40.0 ± 7.6	41.8 ± 9.8	45.1 ± 6.6 _c	26.8 ± 9.8 _c

141 * Five-week-old plants were used for plant height and rosette number measurements, silique data
 142 were taken from six-week-old plants, and approximately 15-20 plants were used for each
 143 genotype (a, P<0.05; b, P<0.01; c, P<0.001).
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