

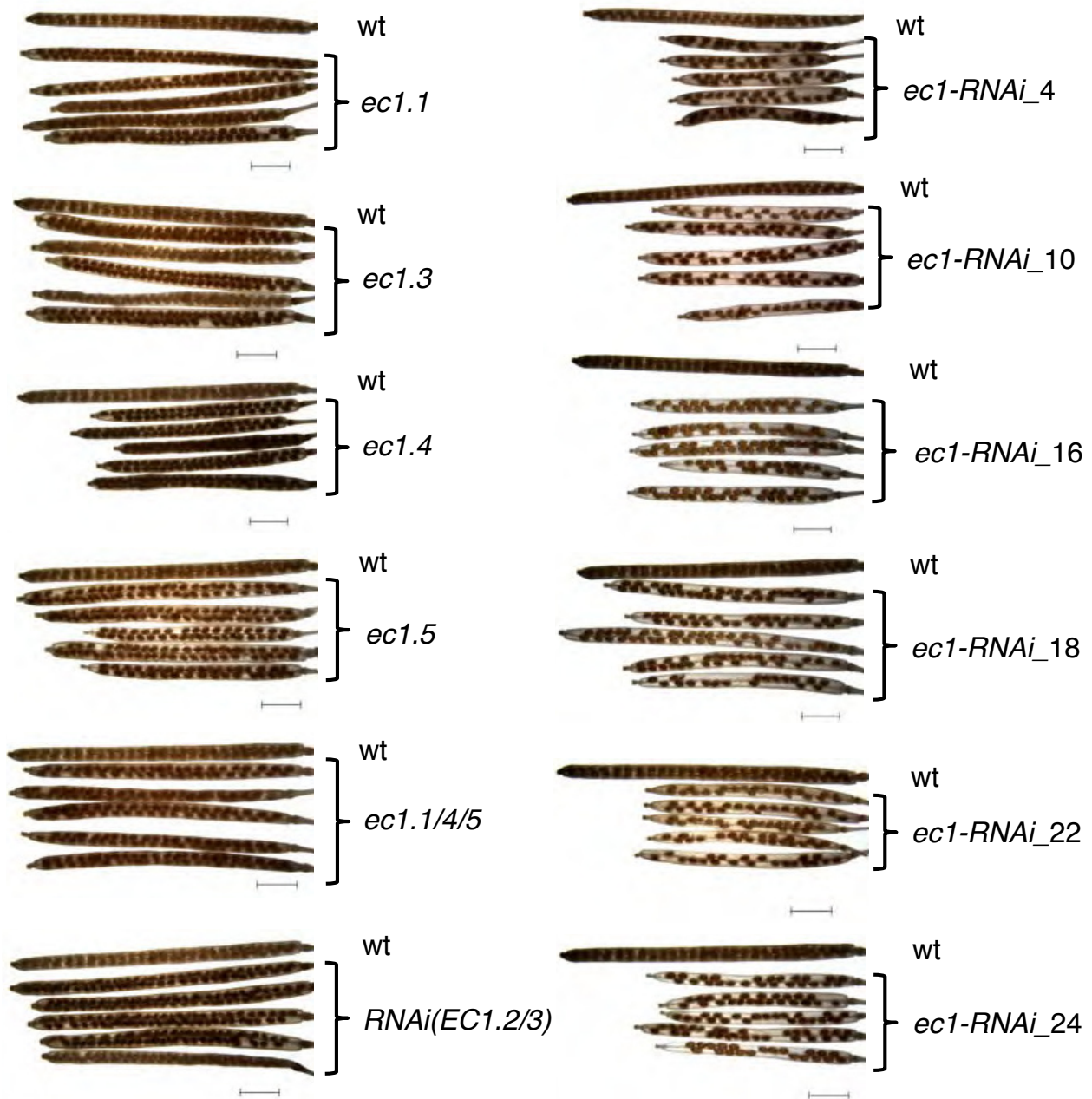


Figure S6.5 | Reduced seed set in *ec1* knockout lines.

Seed set in siliques of homozygous *ec1* knockout lines, of one *RNAi(EC1.2/3)* line, and of independent quintuple *ec1.1/4/5; RNAi(EC1.2/3)* mutants, compared to wild type. Individual homozygous *ec1* T-DNA insertion lines and the triple knockout (*ec1.1/4/5*), generated by crossing T-DNA insertion lines, did not show any effect on fertility (left panel). Normal seed set was also obtained in transgenic lines expressing *RNAi(EC1.2/3)* in the egg cell (left panel; *RNAi(EC1.2/3)*). Reduced fertility was only observed in siliques of the triple mutant *ec1.1/4/5* which is additionally transgenic for *EC1.1p:RNAi(EC1.2/3)* (*ec1-RNAi*; right panel). All *ec1-RNAi* lines are heterozygous for *EC1.1p:EC1-RNAi(1.2/3)*. The T-DNA insertion lines used for these experiments are *ec1.1* (SALK_016232), *ec1.3* (SALK_117981), *ec1.4* (SALK_048709), and *ec1.5* (FLAG_456H12). Scale bars = 2 mm.