

Table S6.1 | The segregation ratios of the *EC1p:RNAi(EC1.2/3)* T-DNA in the *ec1.1/4/5* mutant background indicate an gametophytic effect.

Hygromycin resistance is linked to the transmission of the T-DNA with *EC1p:RNAi(EC1.2/3)* and was used as a scorable marker. The segregation ratios of 1:1 (Hyg^R : Hyg^S) indicate an gametophytic effect, due to the simultaneous knockdown of *EC1.2* and *EC1.3* in *ec1.1/4/5* egg cells.

Parental genotypes (female x male) ^a	Hyg^R (%)	Hyg^S (%)	n	R/S ^b
<i>ec1-RNAi_9/+</i> X <i>ec1-RNAi_9/+</i>	52.2	47.8	232	1.09
<i>ec1-RNAi_16/+</i> X <i>ec1-RNAi_16/+</i>	53.1	46.9	258	1.13
<i>ec1-RNAi_18/+</i> X <i>ec1-RNAi_18/+</i>	51.4	48.6	296	1.05

^a Self-pollination of T1 individuals heterozygous for *EC1p:RNAi(EC1.2/3)* and homozygous for *ec1.1/4/5* (referred to as *ec1-RNAi_X/+*). Resulting T2 seeds were germinated on hygromycin (Hyg)-containing half-strength MS medium to analyze segregation ratios of Hyg resistance

^b Seedling resistance ratio (Resistant/Sensitive)

Hyg^R , seedlings resistant to Hygromycin; Hyg^S , seedlings sensitive to Hygromycin; n, number of seedlings evaluated