

Table S1. Seed set of siliques resulting from crosses of *anx* mutants to the wild type or *dde2-2* mutant

Genotype	Natural self-pollination	Manual self-pollination	As a male donor	As a female receiver
<i>anx1-1/anx1-1 anx2-1/ANX2</i>	79.5 (<i>n</i> =518)	92.3 (<i>n</i> =499)	91.7 (<i>n</i> =471)	91.3 (<i>n</i> =453)
<i>anx1-2/anx1-2 anx2-2/ANX2</i>	79.3 (<i>n</i> =474)	93.3 (<i>n</i> =578)	90.2 (<i>n</i> =563)	93.2 (<i>n</i> =504)
<i>anx1-2/anx1-2 anx2-2/anx2-2</i>	0 (<i>n</i> =505)	nd	0 (<i>n</i> =450)	90 (<i>n</i> =584)
Col-0	92.4 (<i>n</i> =875)	94.1 (<i>n</i> =476)	92.4 (<i>n</i> =957)	90.9 (<i>n</i> =1034)

nd, not determined.