

Supplemental figure legend

Abnormal gametophyte of *clal-1* in tricellular pollen stage was observed by DAPI-fluorescence microscopy. At the bicellular pollen stage, the generative nuclei were shown in WT (A) and *clal-1* (B). At the tricellular pollen stage, the sperm nucleus was shown in WT (C), though it was not shown in *clal-1* (D).

GN, generative nucleus; VN, vegetative nucleus; SN and arrow heads, sperm nucleus. Bars = 10 μm

