

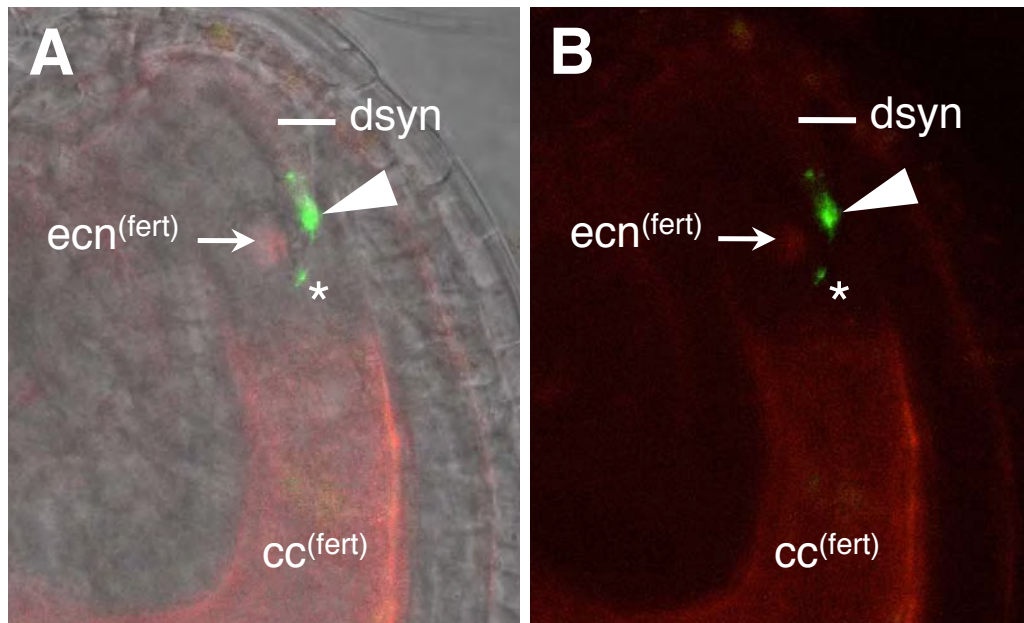


Figure S6.6 | The membranous spatial separation between the two sperm cells persists during double fertilization, indicated by the strong TET9-GFP signal at the apical tip of the collapsing synergid cell.

(A) CLSM image showing a wild type ovule during sperm-egg karyogamy, fertilized with the double sperm marker HTR10-mRFP/TET9-GFP. The strong signal of TET9-GFP in the apical region of the collapsing synergid cell (triangle) represents the remains of the membranous connection between the two sperm cells (**Figure 6.4 A and B**). Residual signals of TET9-GFP are also visible at the surface of the fertilized egg cell, near the sperm-egg fusion site (asterisk). **(B)** Fluorescence image corresponding to the merged bright field and fluorescence image shown in **(A)**. Abbreviations: cc^(fert), fertilized central cell; dsyn, degenerating (receptive) synergid cell; ecn^(fert), fertilized egg cell nucleus. Scale bar = 5 μ m.