

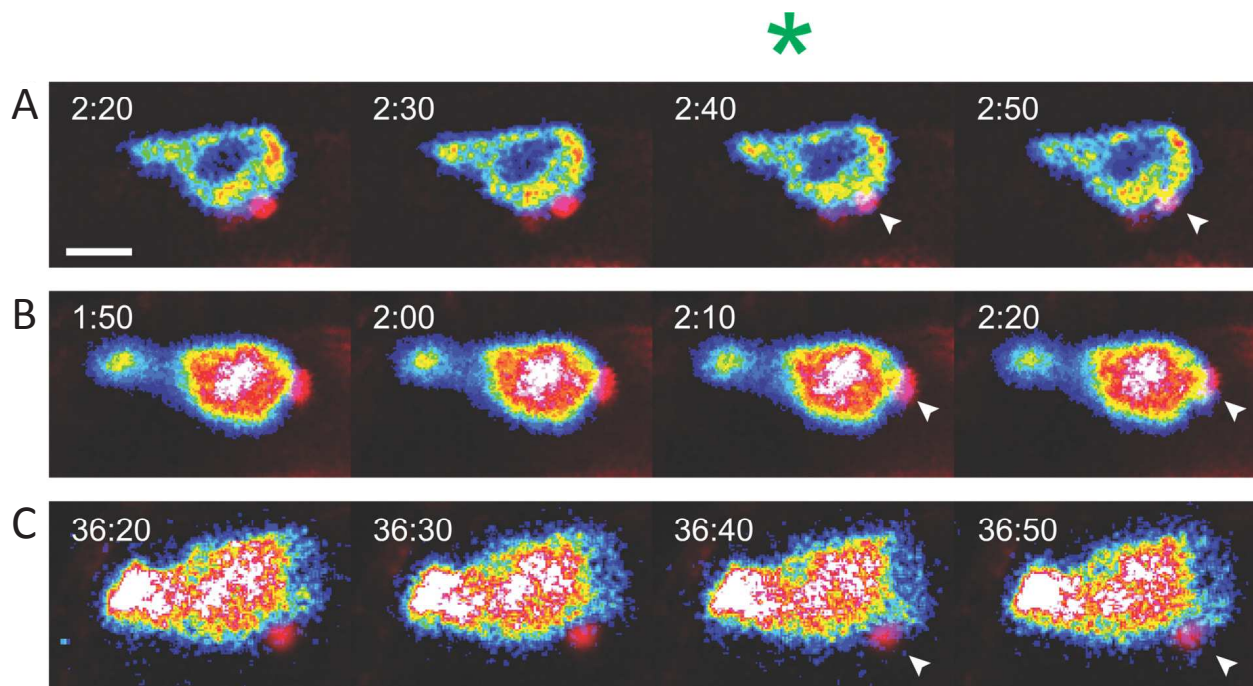


Figure S5.5 | Diffusion of fluorophore molecules from egg cells into sperm cells during plasmogamy.

Additional examples of detected citrine signal in SPEC as shown in **Figure 5.4 F**. Citrine intensity of egg cells is shown in false colours, sperm cells are shown in red. Image series **(A)** corresponds to the calcium recordings given in graph 7 in **Figure 5.4 C**, **(B)** corresponds to graph 8, **(C)** corresponds to **Figure 5.4 E**. The green asterisk represents SPEC shift in all measurements. The arrow heads indicate the positions of sperm cells and the appearances of citrine signal outside the egg cell. Time format: mm:ss. Scale bar = 10 μm .