

1 Article

# 2 $\text{Ca}^{2+}$ -Calmodulin Dependent Wound Repair in 3 *Dictyostelium* Cell Membrane

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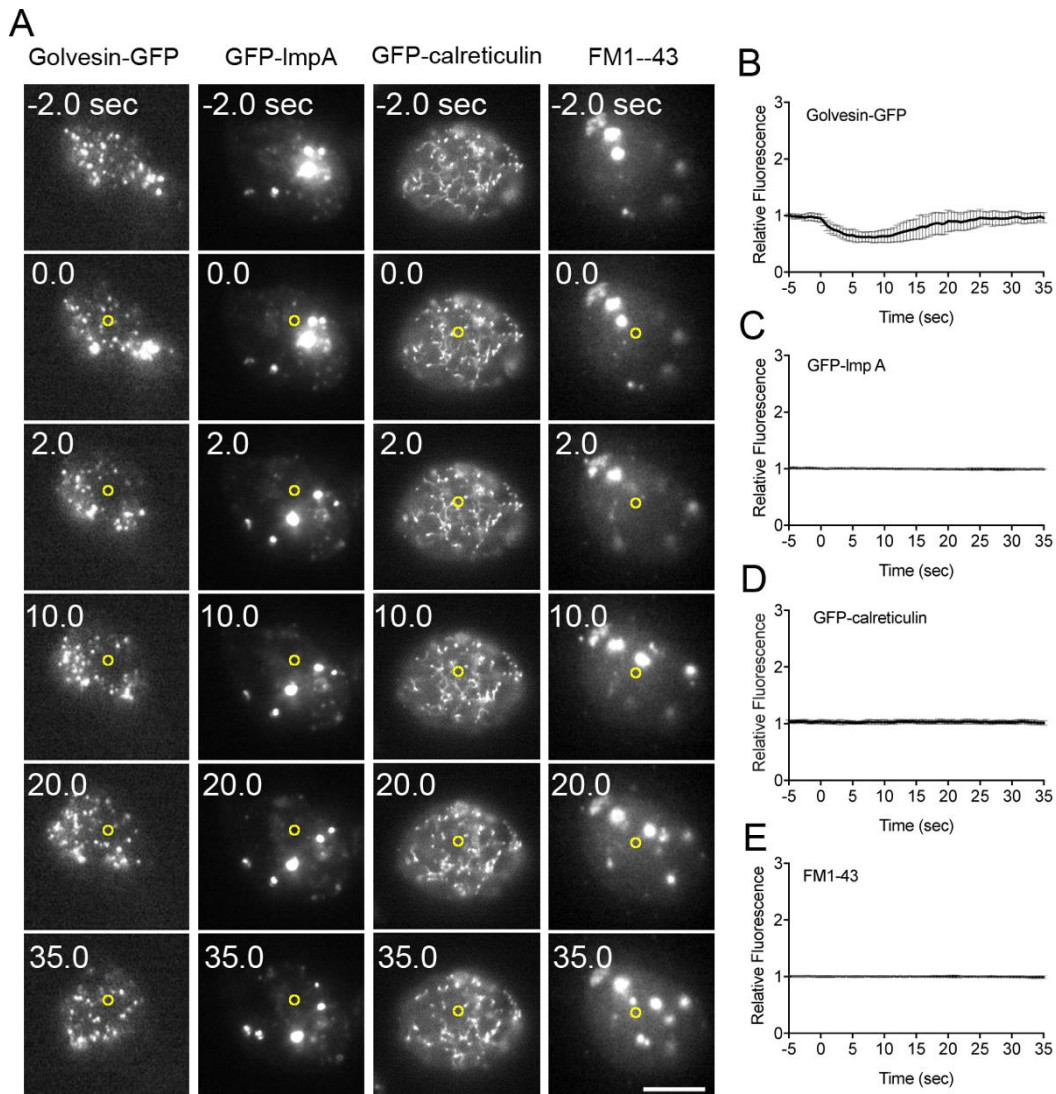
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## 16 Supplemental Data



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18 **Supplemental Figure S1.** Golgi-derived vesicles, lysosome, endoplasmic reticulum, and recycling  
19 endosomes did not accumulate at the wound site. (A) Typical fluorescence images under TIRF  
20 microscopy when cells expressing golvesin-GFP, GFP-lmpA, or GFP-calreticulin, and FM dye-stained  
21 cells were wounded by laserporation (yellow circles). To visualize the recycling endosomes, 30 min  
22 after the cells were incubated with FM1-43, they were washed by media exchange. Bars, 10  $\mu\text{m}$ . (B-E)  
23 Time courses of fluorescence intensity of each probe at wound site (n = 25, each). Note that golvesin-  
24 GFP transiently disappeared from the wound site after wounding.

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