

Zahradníková, A., I. Zahradník, I. Györke, and S. Györke
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Fig. 3 contains an error depicting the Ca^{2+} concentration changes induced by photolysis of DM-nitrophen in A, top. The corrected figure is shown below:

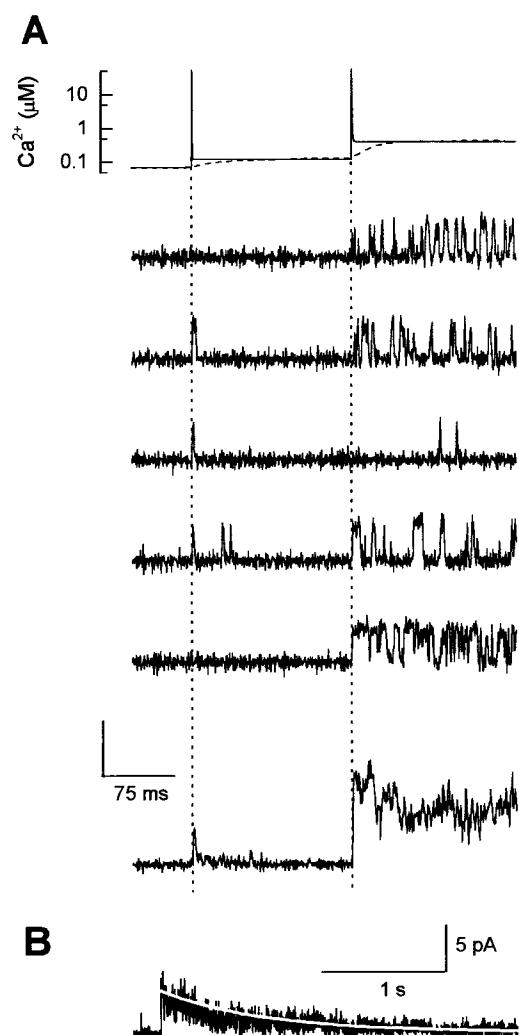


FIGURE 3. Response of single RyR channels to a sequence of two identical laser flashes. (A, top) The time course of the Ca^{2+} stimuli estimated by the calcium cup electrode (dashed line) and calculated from the pre- and post-flash steady state Ca^{2+} concentrations (solid line). (Center) Representative single-channel records measured at $+40$ mV. The flashes were applied at $t = 60$ and 230 ms (dotted lines). Only the first 400 ms of 3.2 -s long traces are shown. (Bottom) Ensemble current constructed from 54 episodes. The vertical calibration denotes 20 and 5 pA for the center and bottom, respectively. (B) The time course of the ensemble current at a compressed time scale. Open probability in response to the second laser flash decayed monoexponentially with a time constant of 880 ms (white line).