Start conditions

Set	[DMn]	[OGB-5N]	$[Ca^{2+}]_{free}$	[CaM]
A	5.56 mM	50 μM	1.88 μM	123 μM
B	3.64 mM	100 μM	1.10 μM	143 μM
C	3.64 mM	100 μM	730 nM	72 μM
D	3.64 mM	50 μM	255 nM	187 μM
E	3.64 mM	50 μM	410 nM	140 μM
F	3.64 mM	50 μM	399 nM	94 μM
G	3.64 mM	50 μM	394 nM	47 μM

Supplementary Figure 2. Examples of fitted data sets. All individual Ca^{2+} transients for the experiments with CaM were grouped according to the experimental conditions indicated in the Table (inset). The black traces are examples of one of the randomly picked datasets that were fitted simultaneously. The red lines are the actual fits for that set. Scale bars in A apply to all datasets.