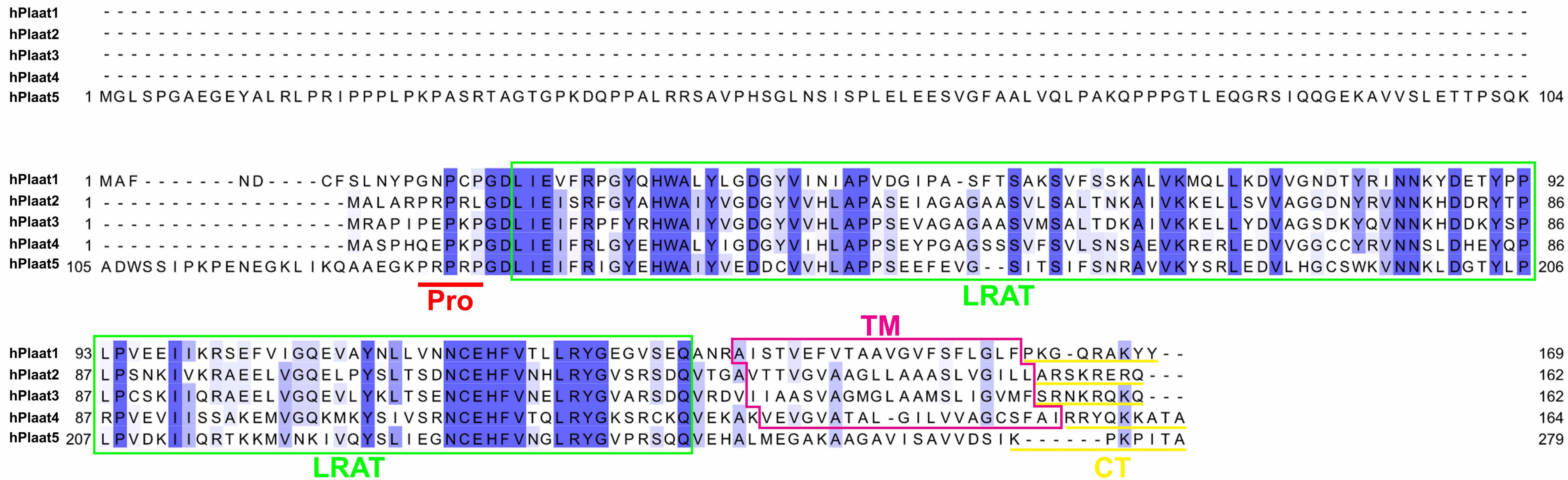
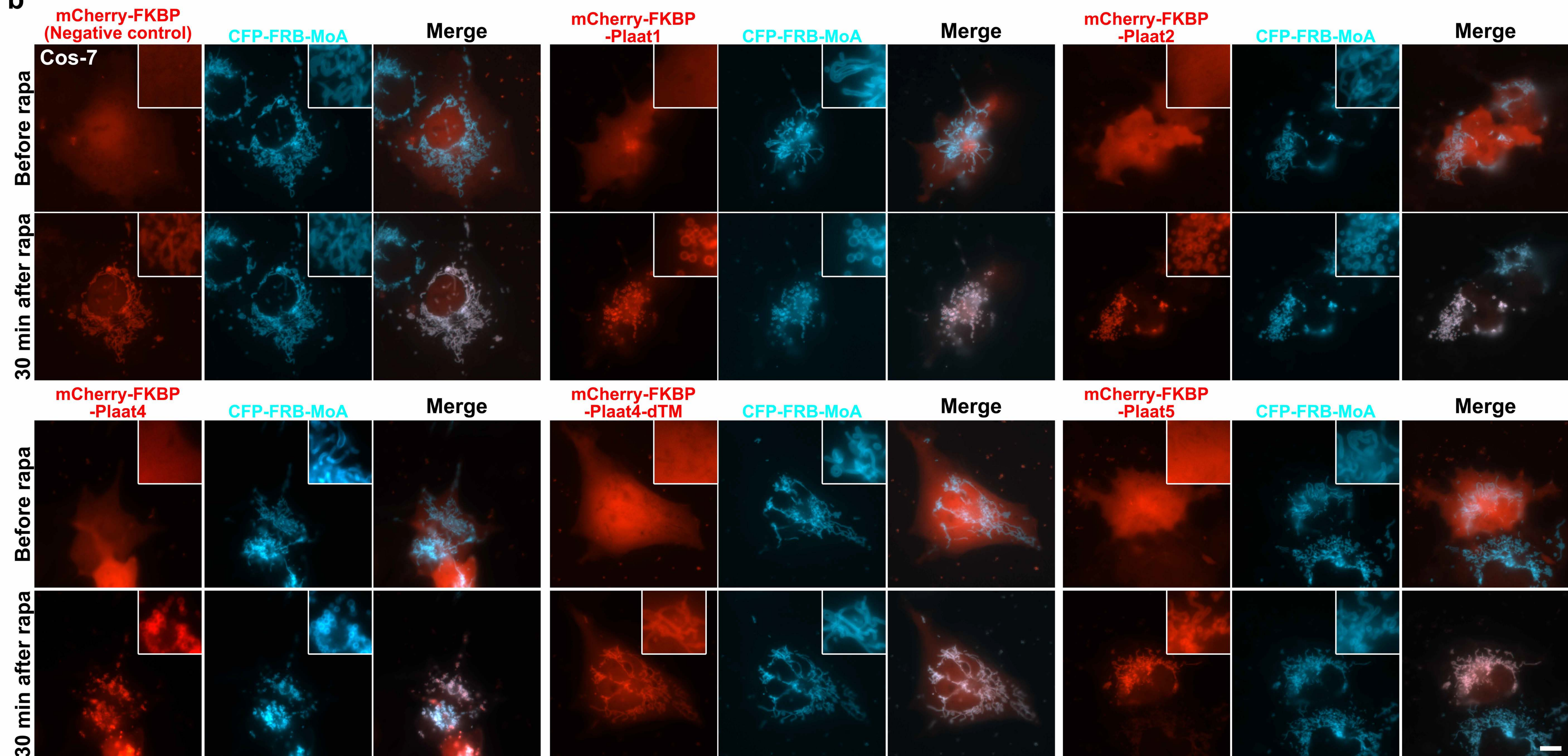


Supplementary Figure 1

a



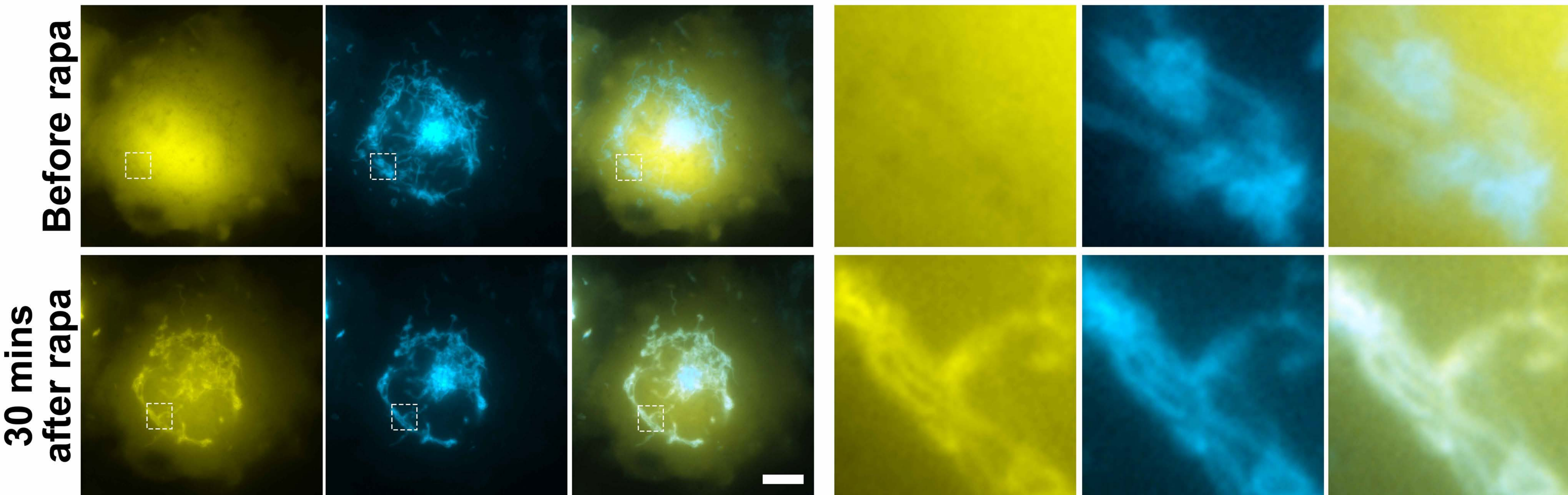
b



Supplementary Figure 2

PLAAT3-FL-FKBP-YFP Tom20-CFP-FRB

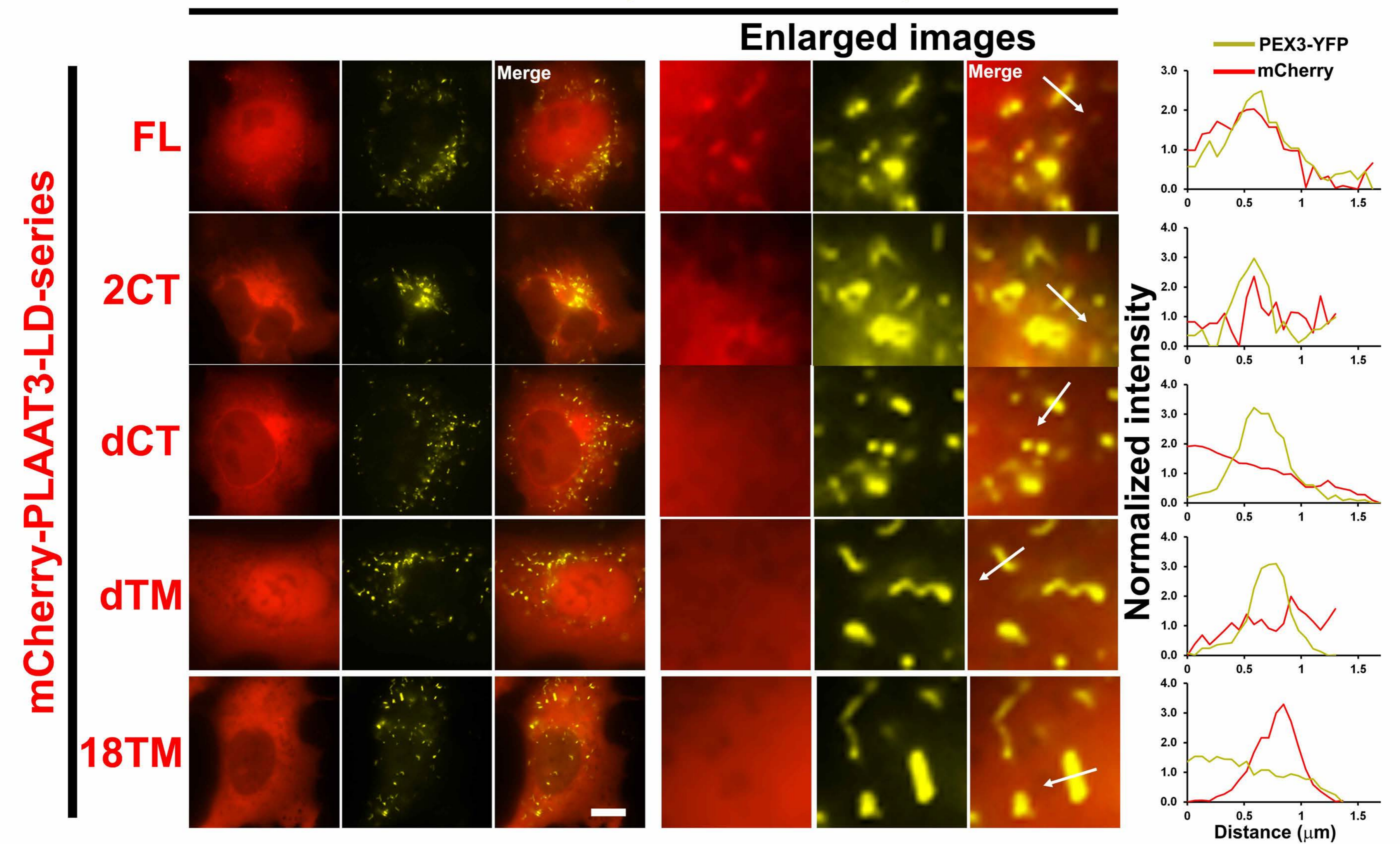
Enlarged images



Supplementary Figure 3

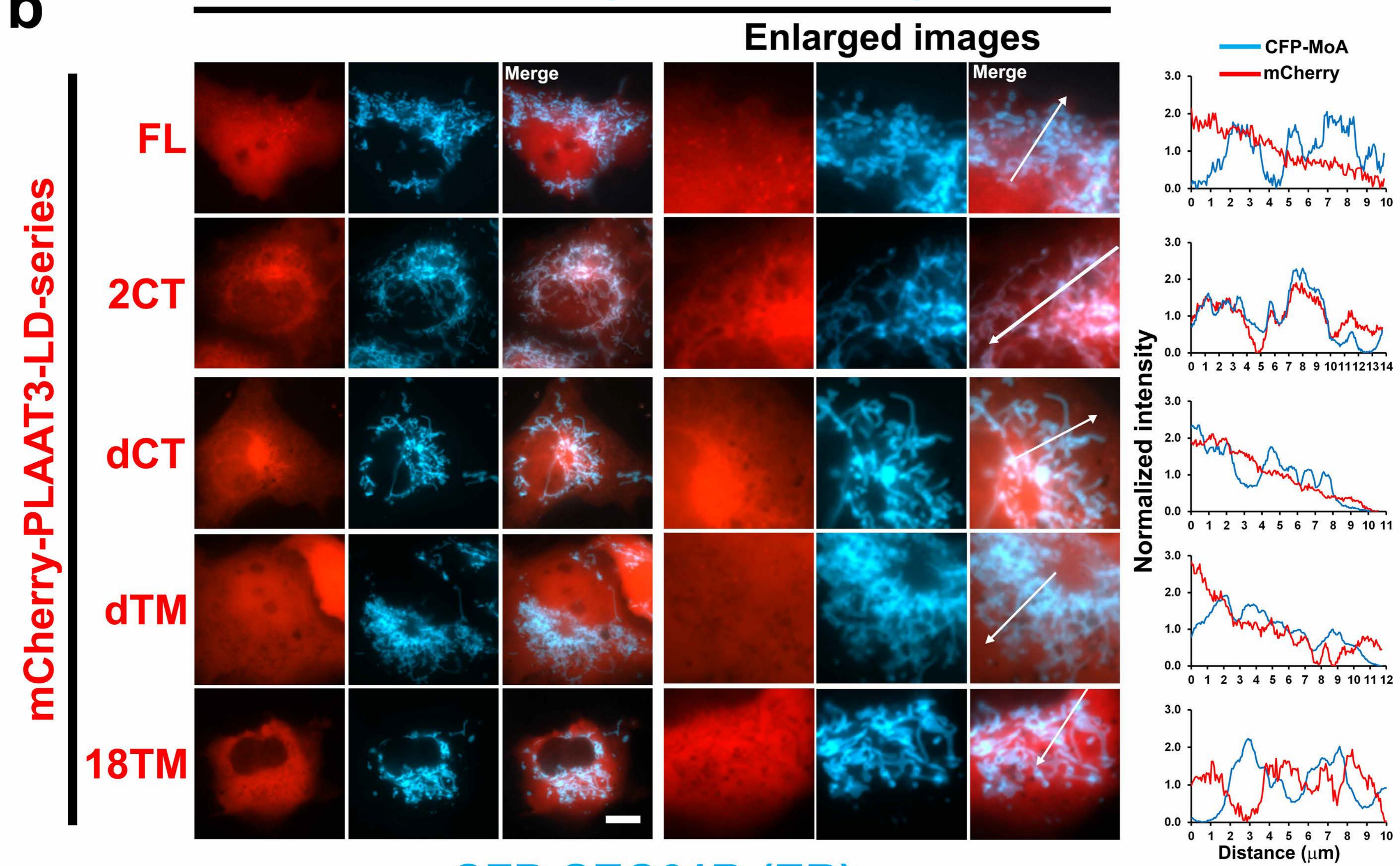
a

Pex3-YFP (Peroxisome)



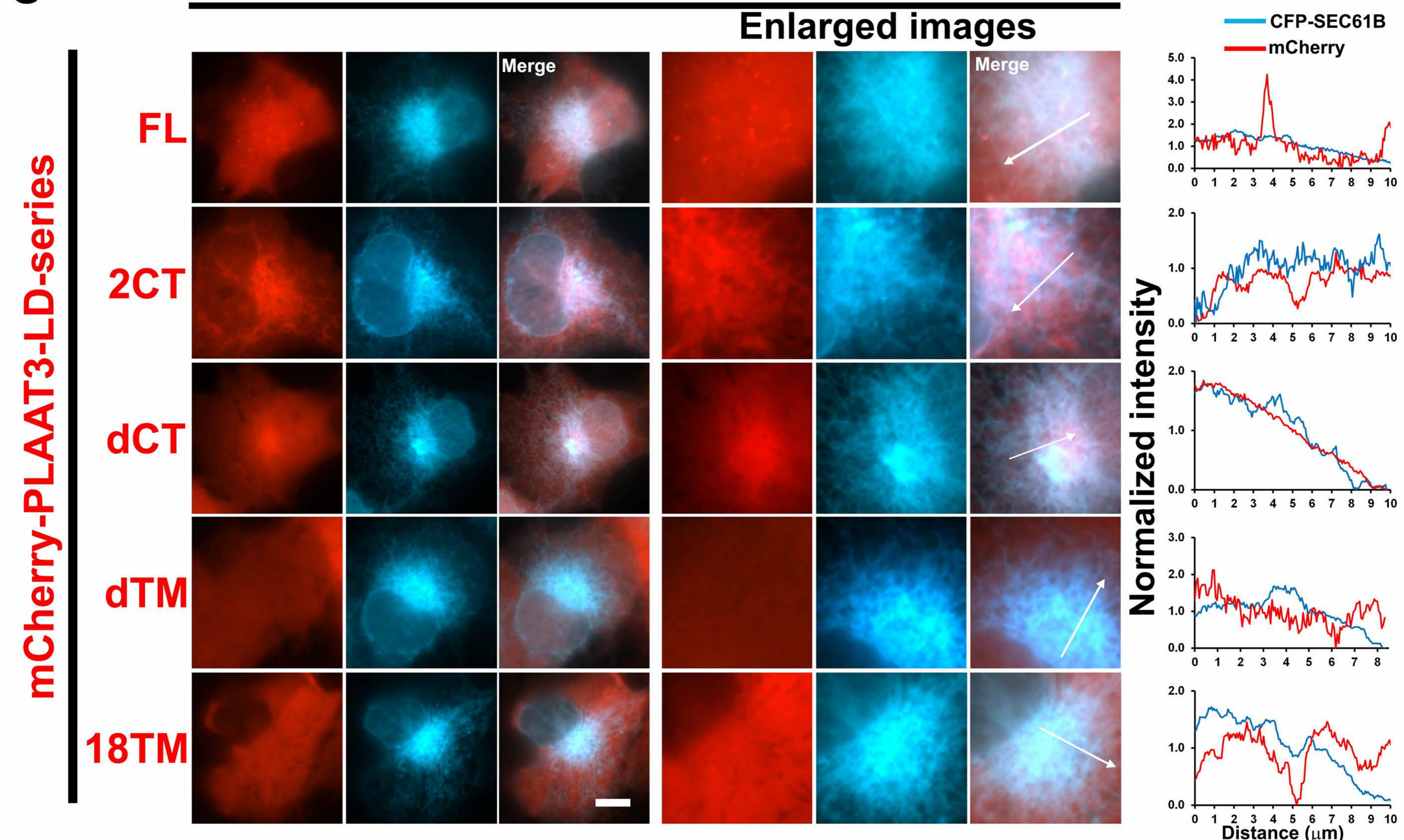
b

CFP-MoA (Mitochondria)



c

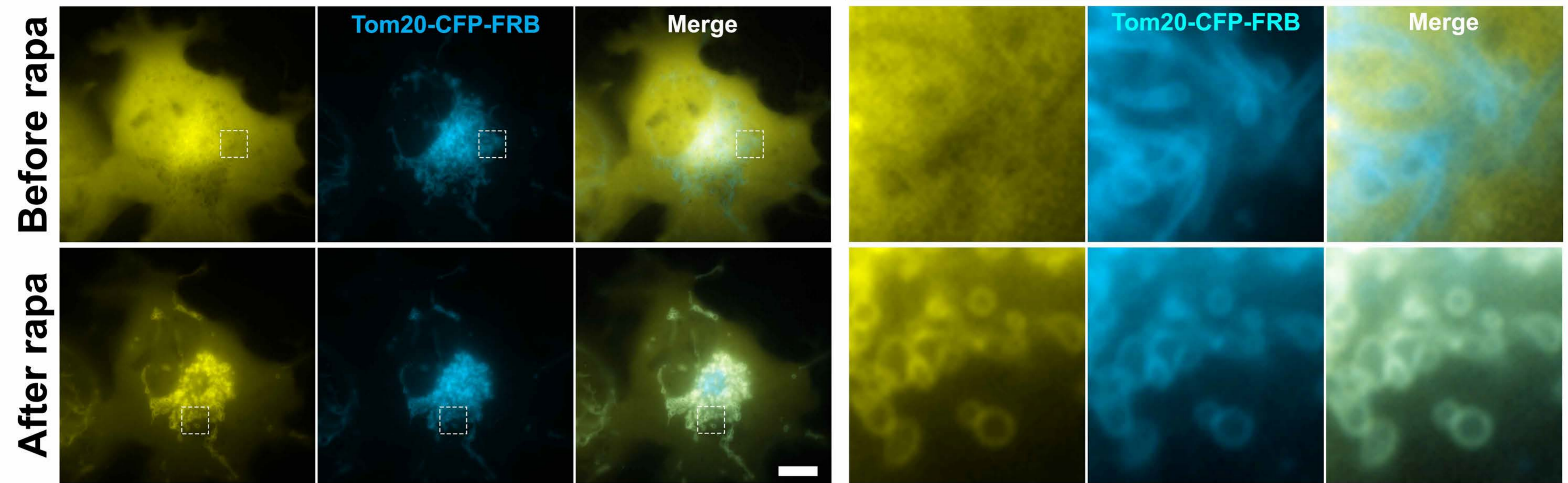
CFP-SEC61B (ER)



Supplementary Figure 4

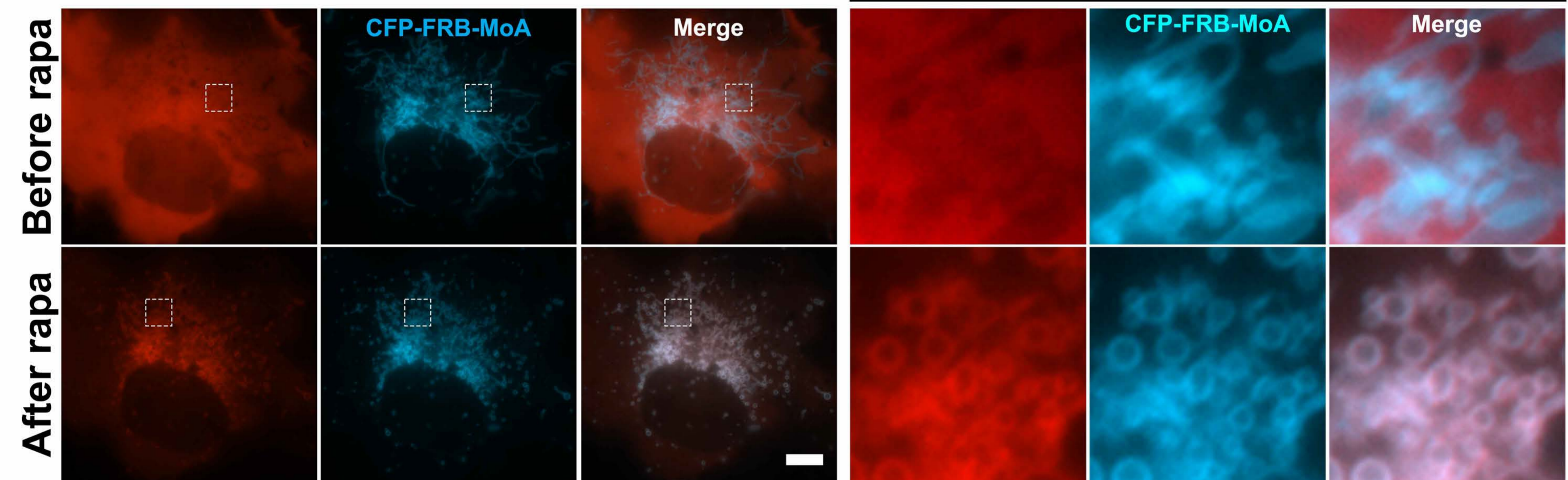
YFP-FKBP-20TM

Enlarged images



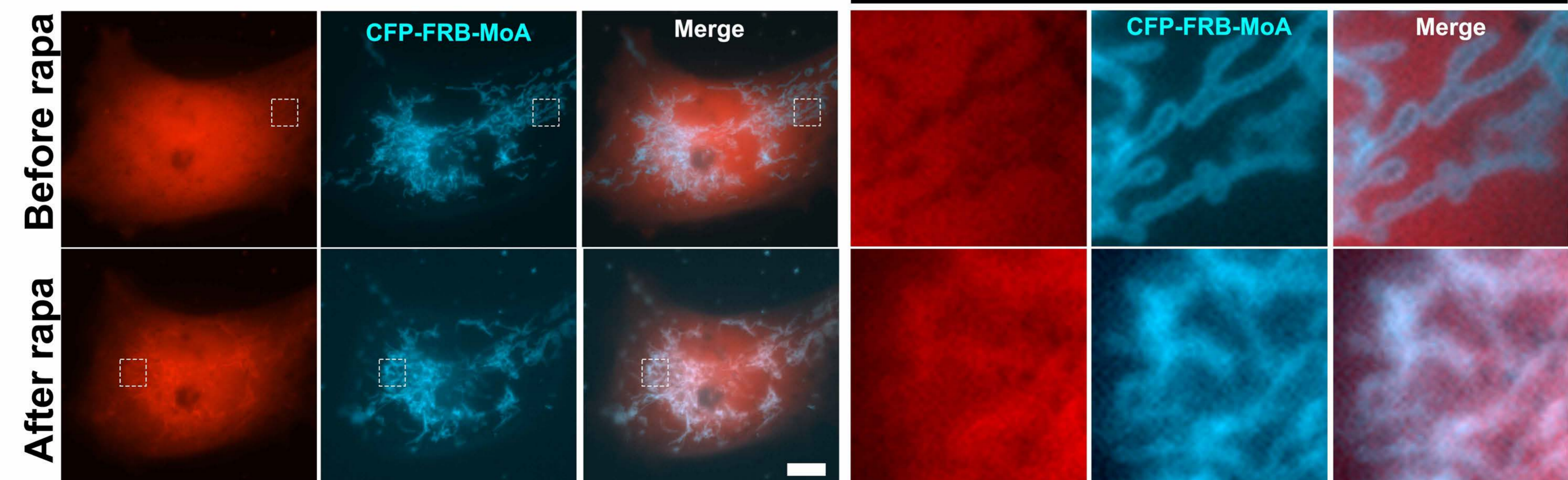
mCherry-FKBP-19TM

Enlarged images

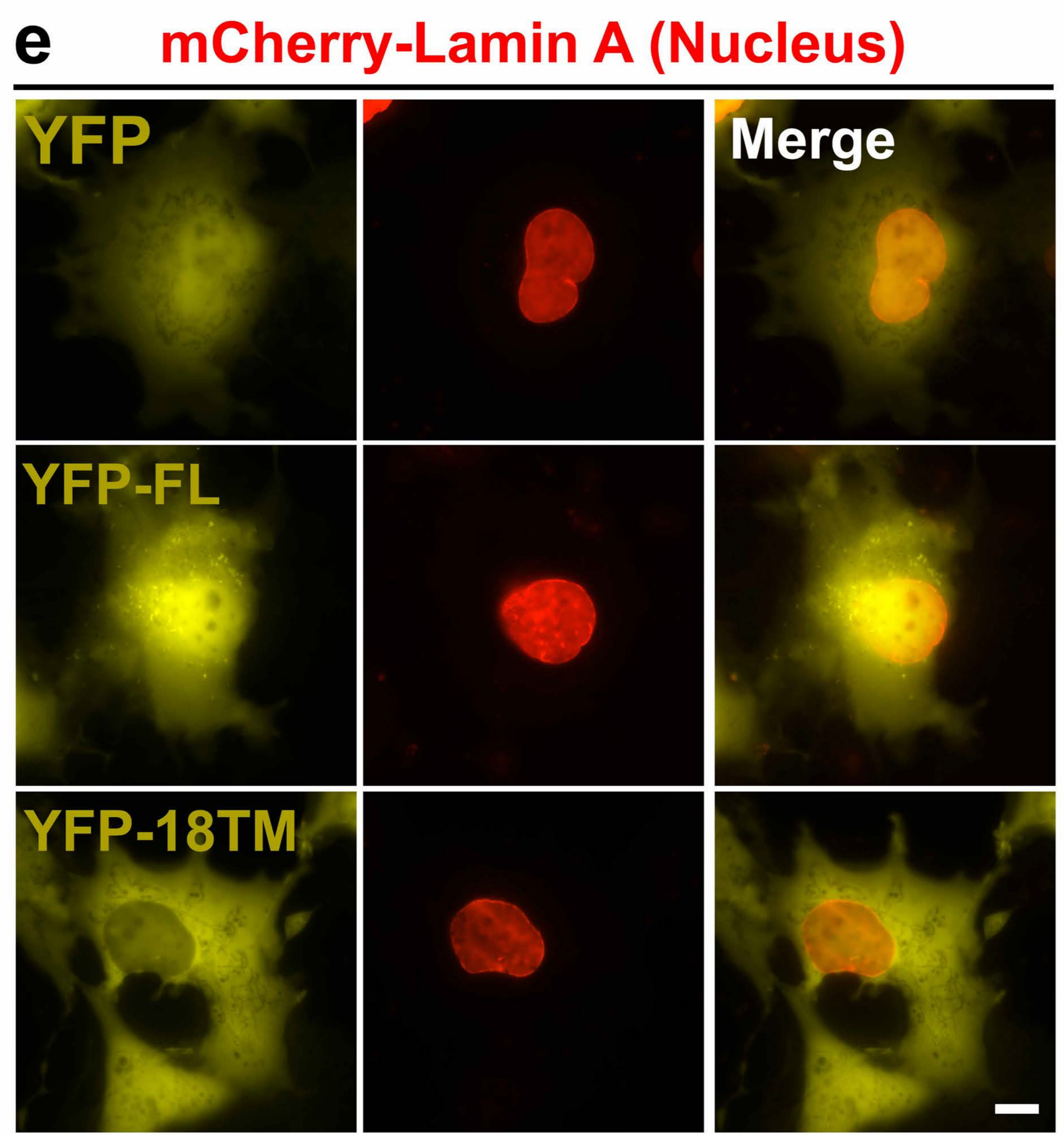
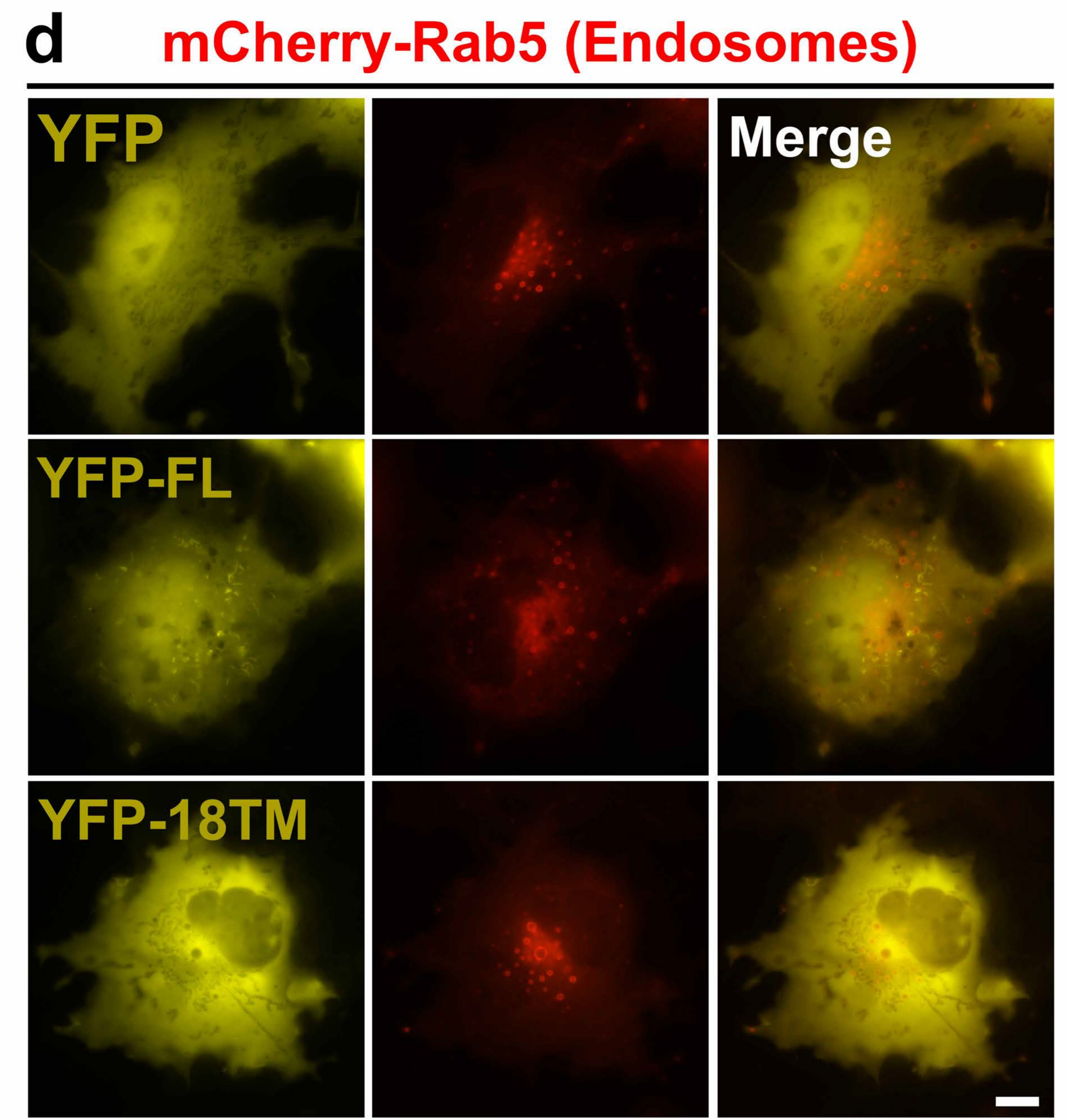
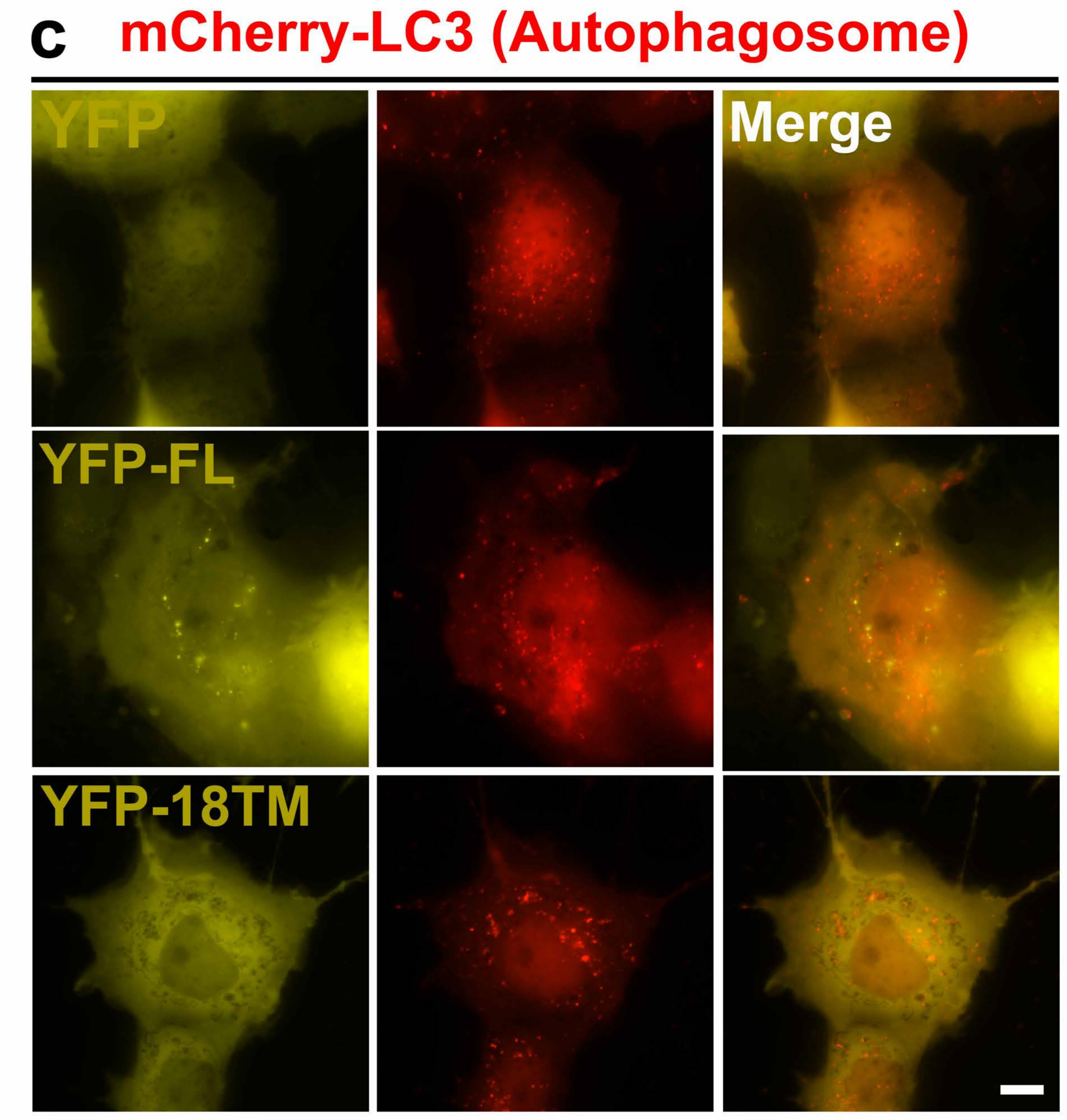
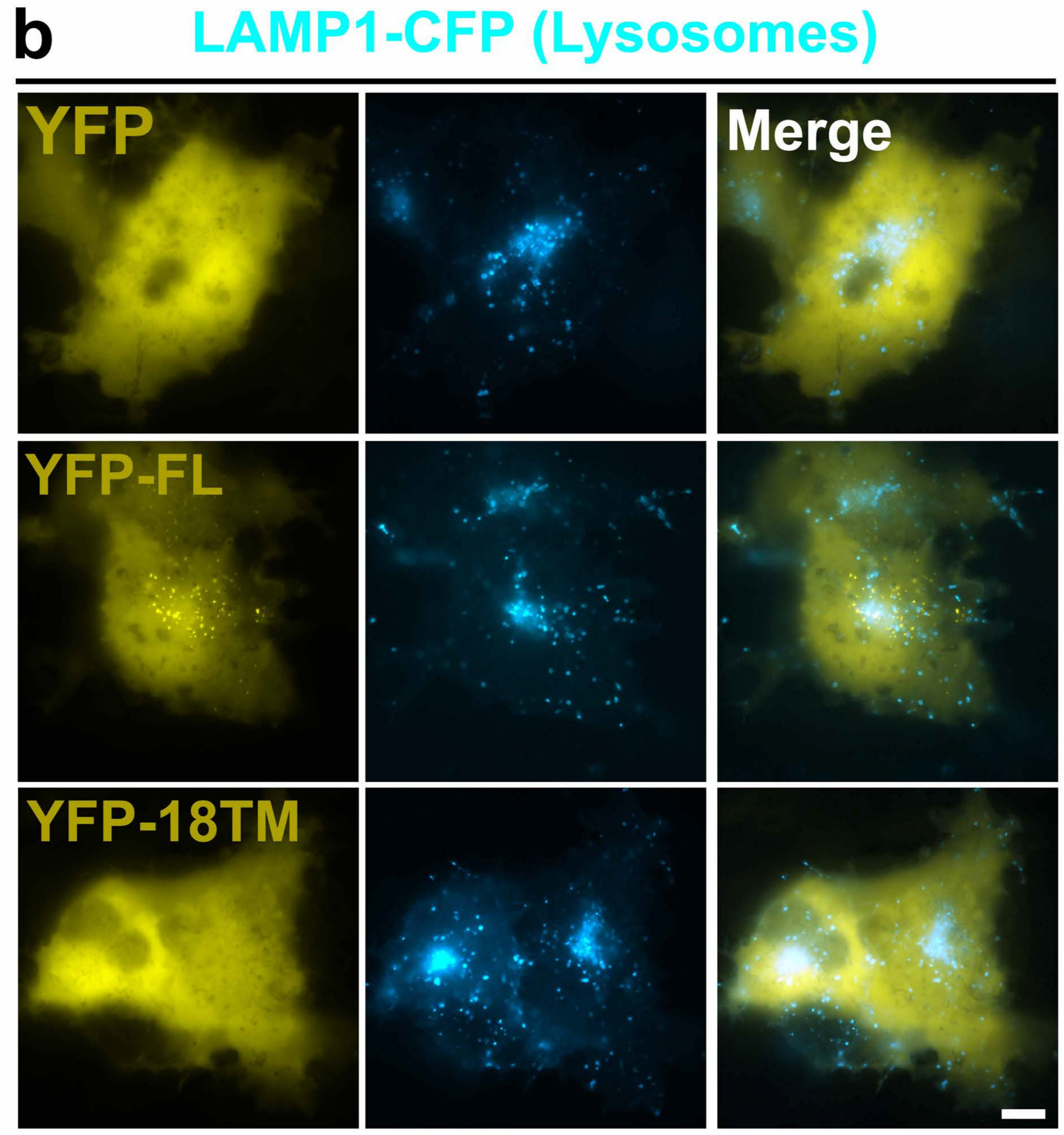
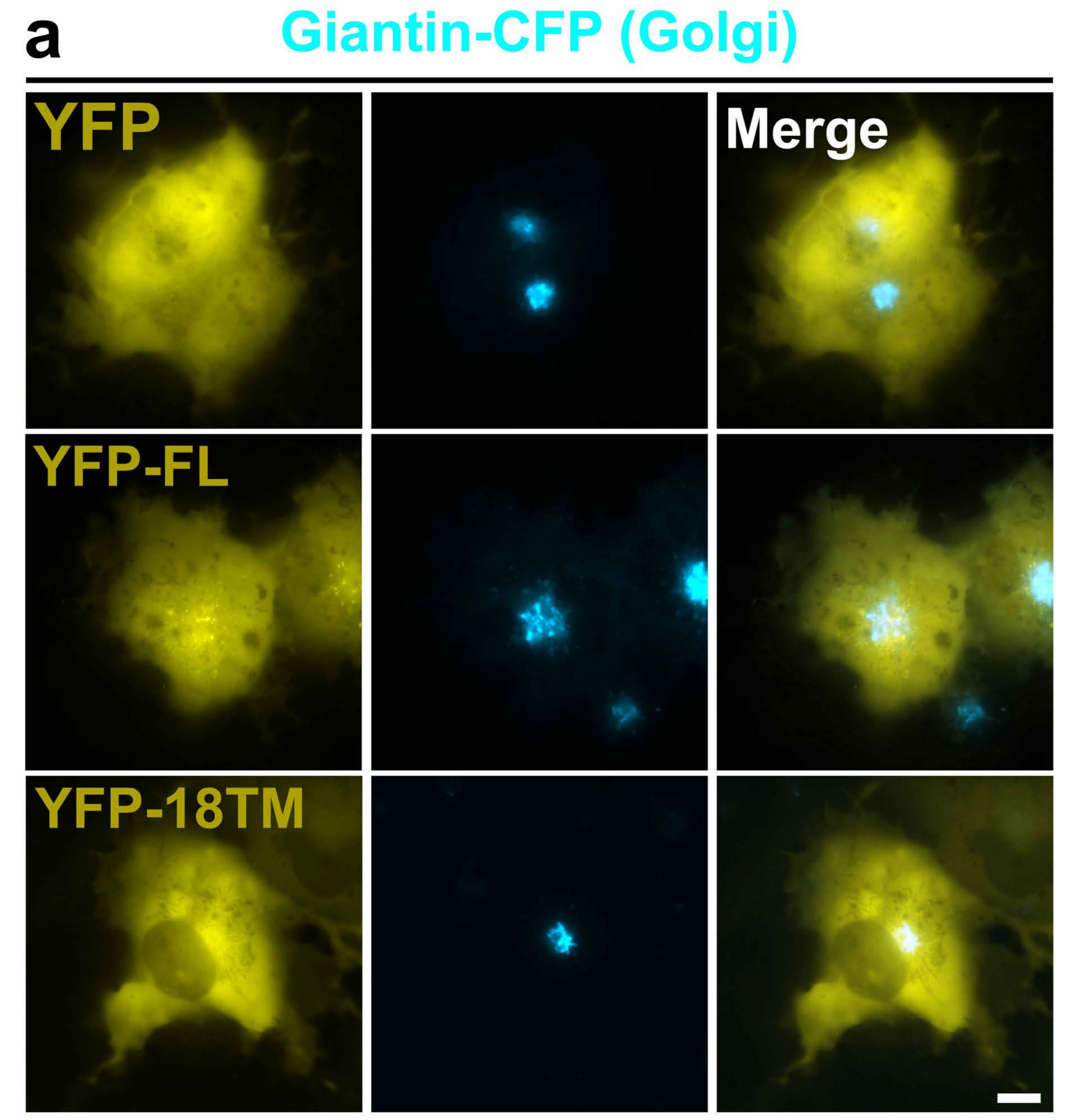


mCherry-FKBP-15TM

Enlarged images



Supplementary Figure 5



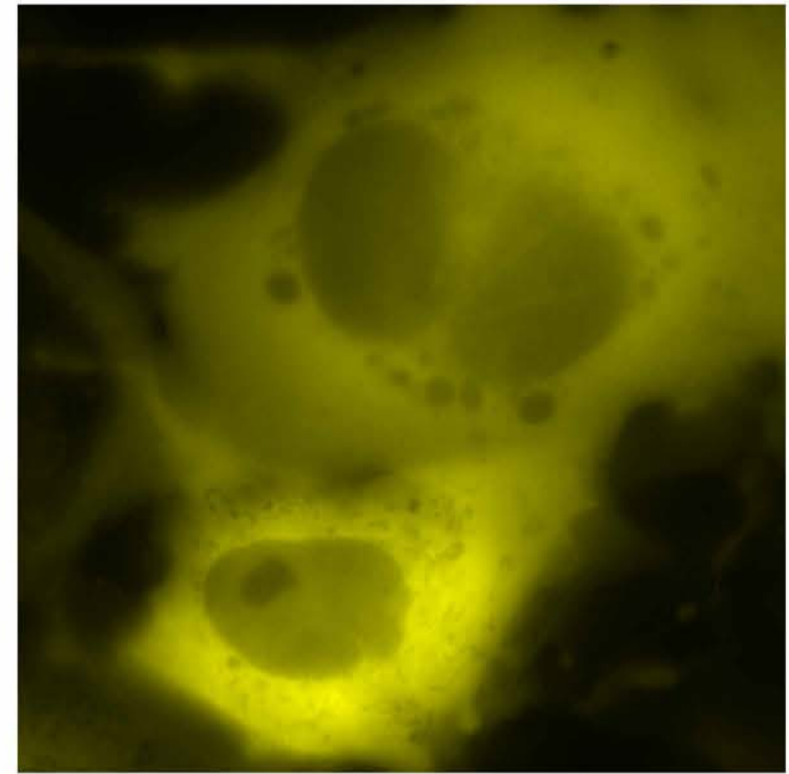
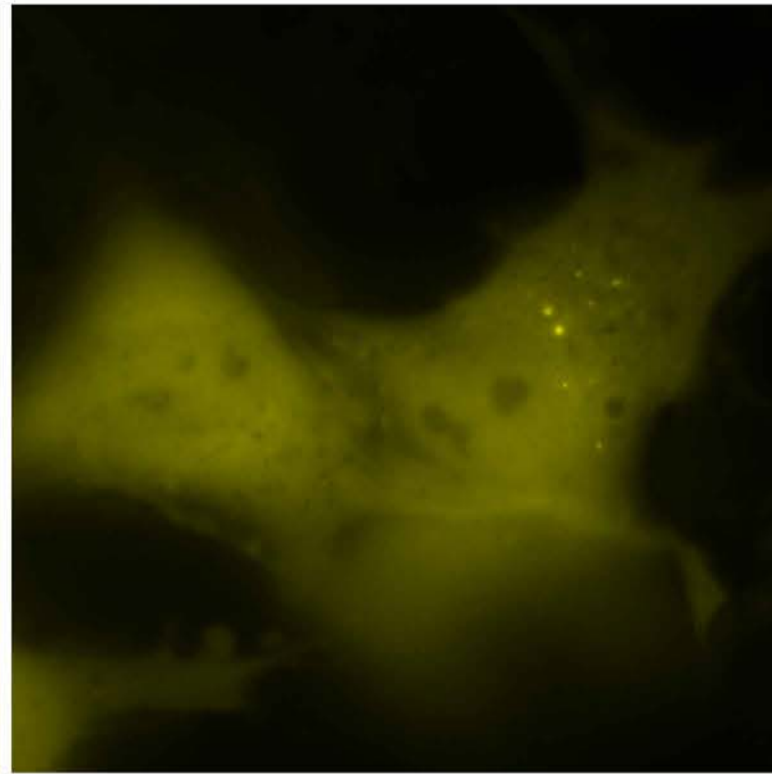
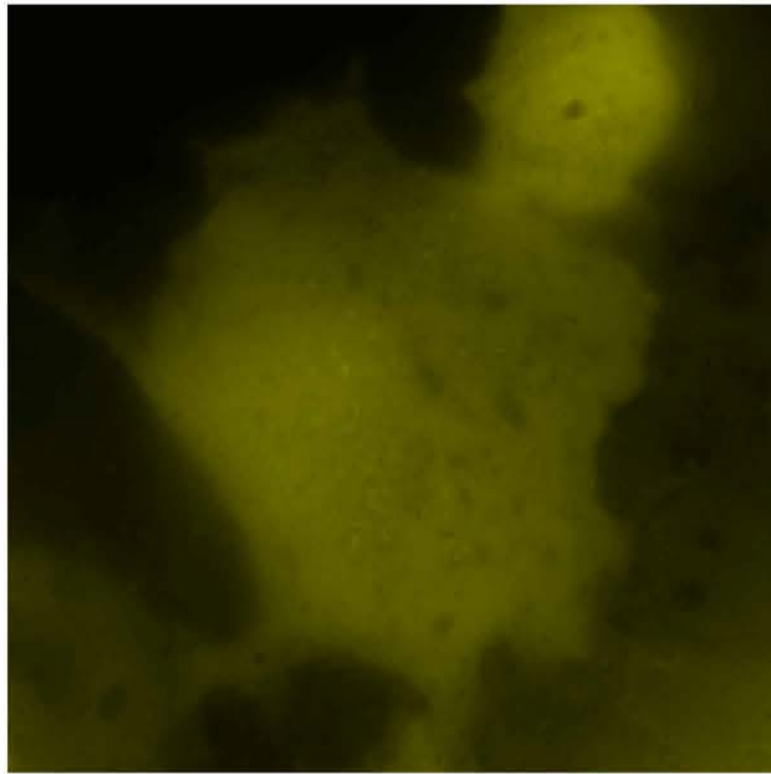
Supplementary Figure 6

48 hrs after transfection

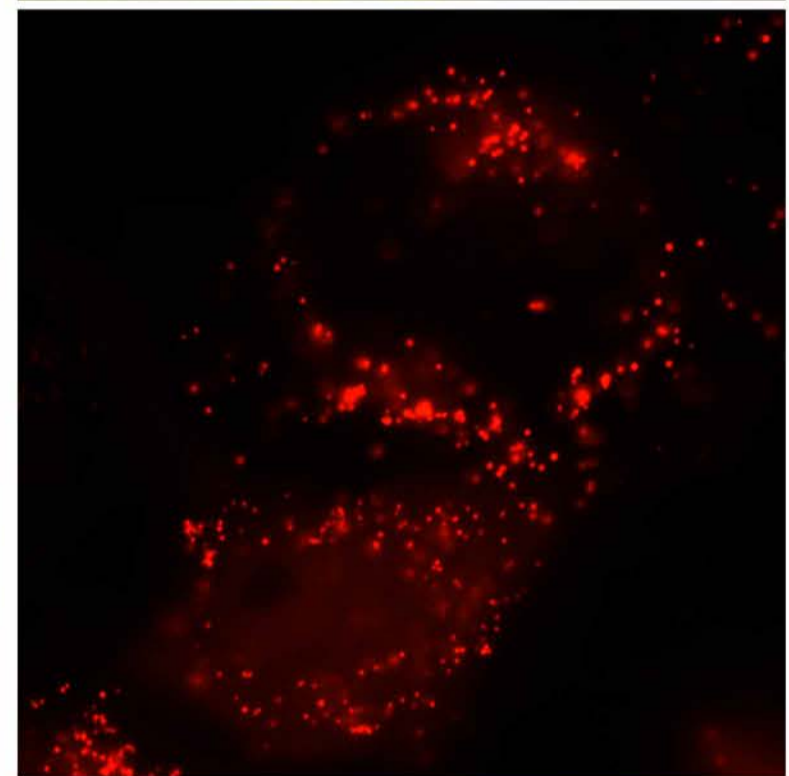
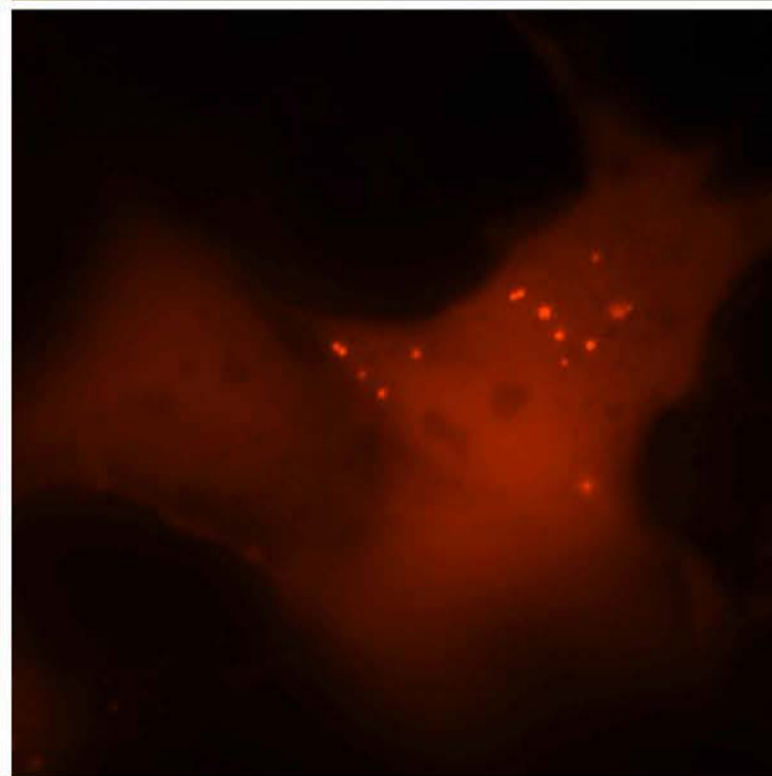
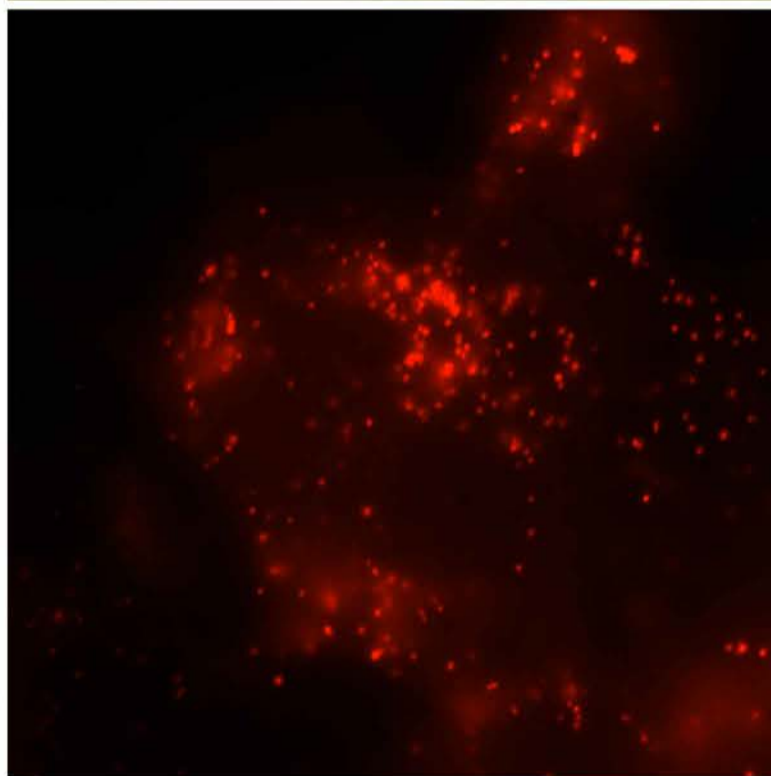
YFP-FKBP

YFP-FL

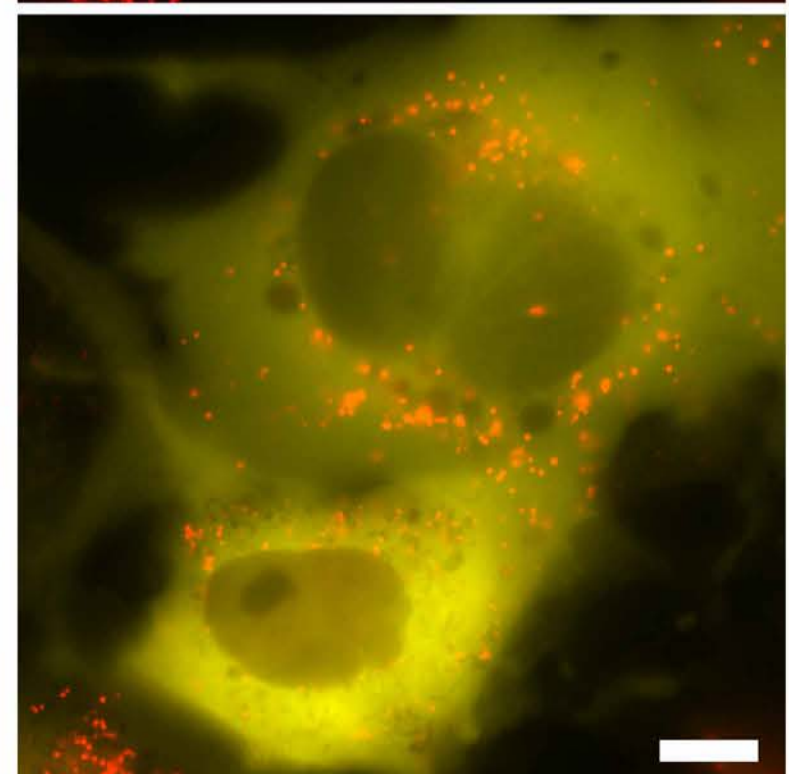
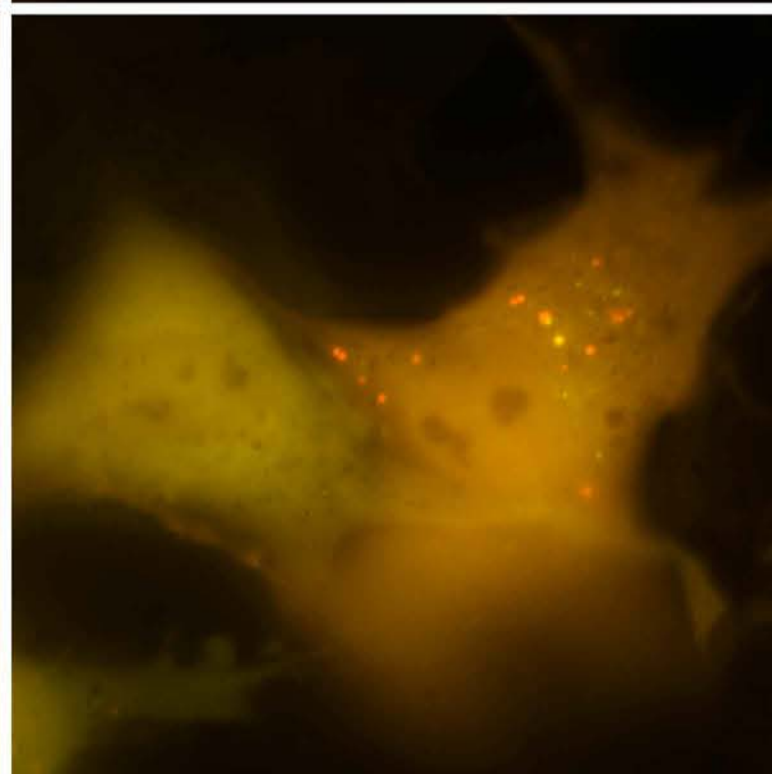
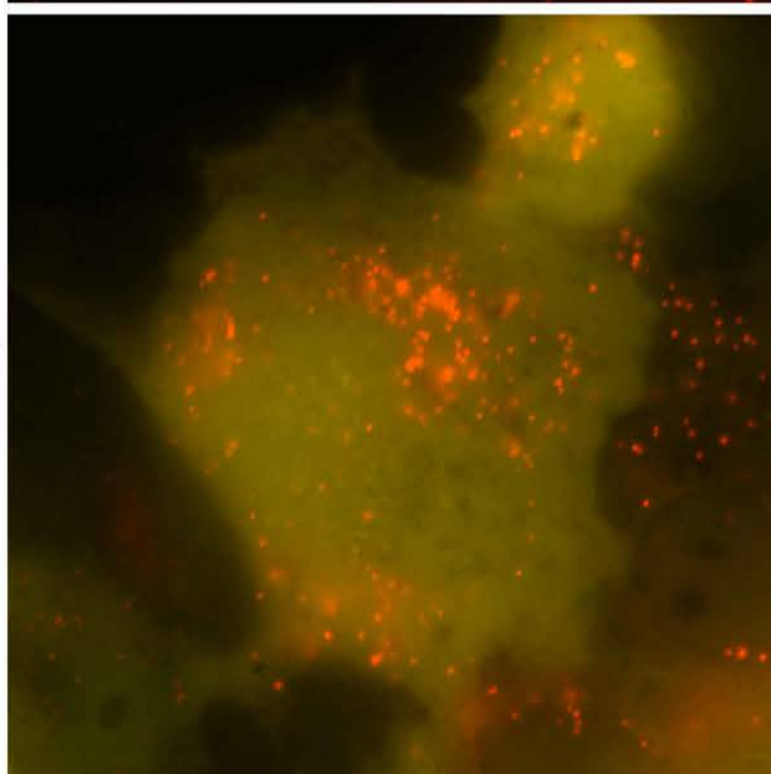
YFP-18TM



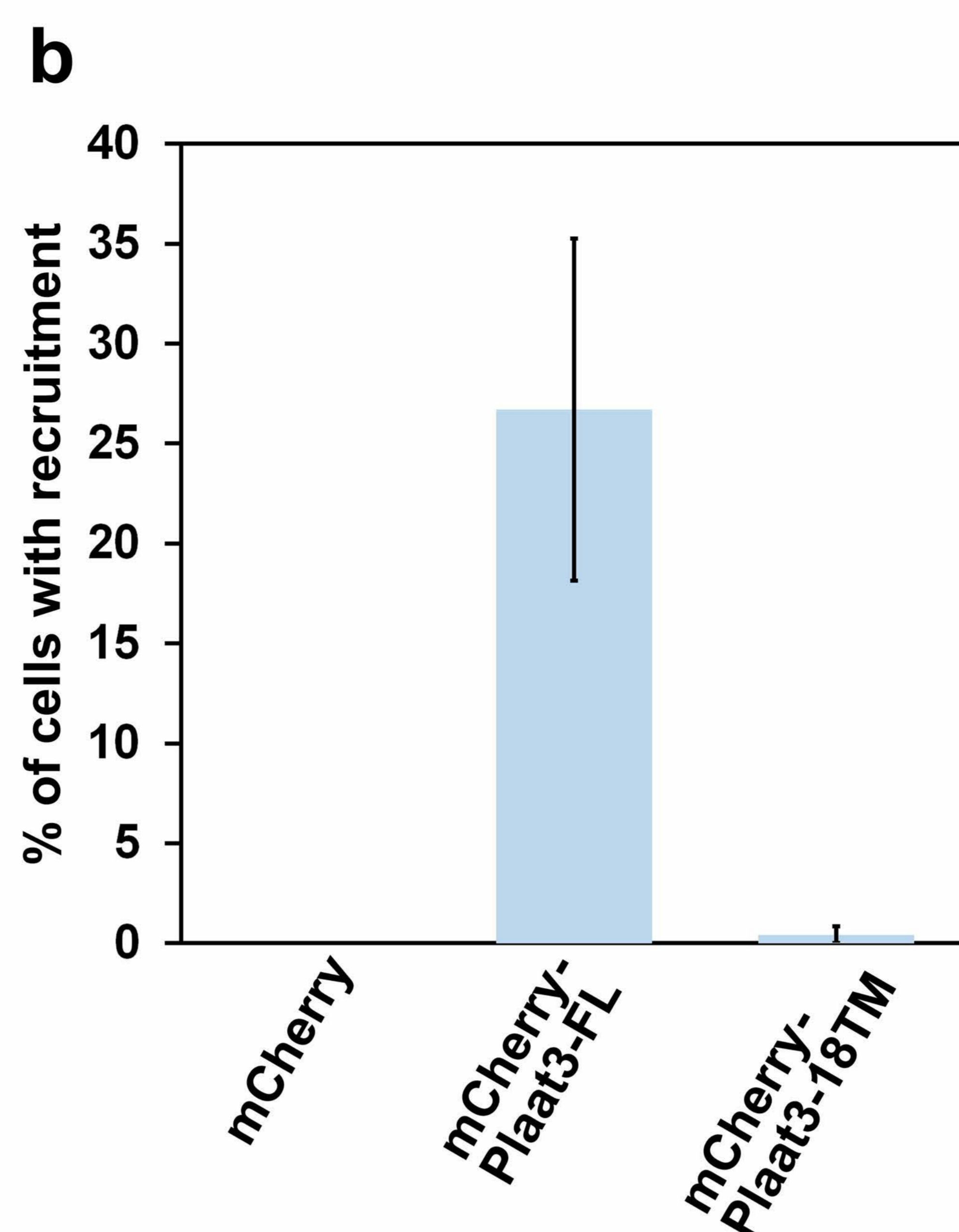
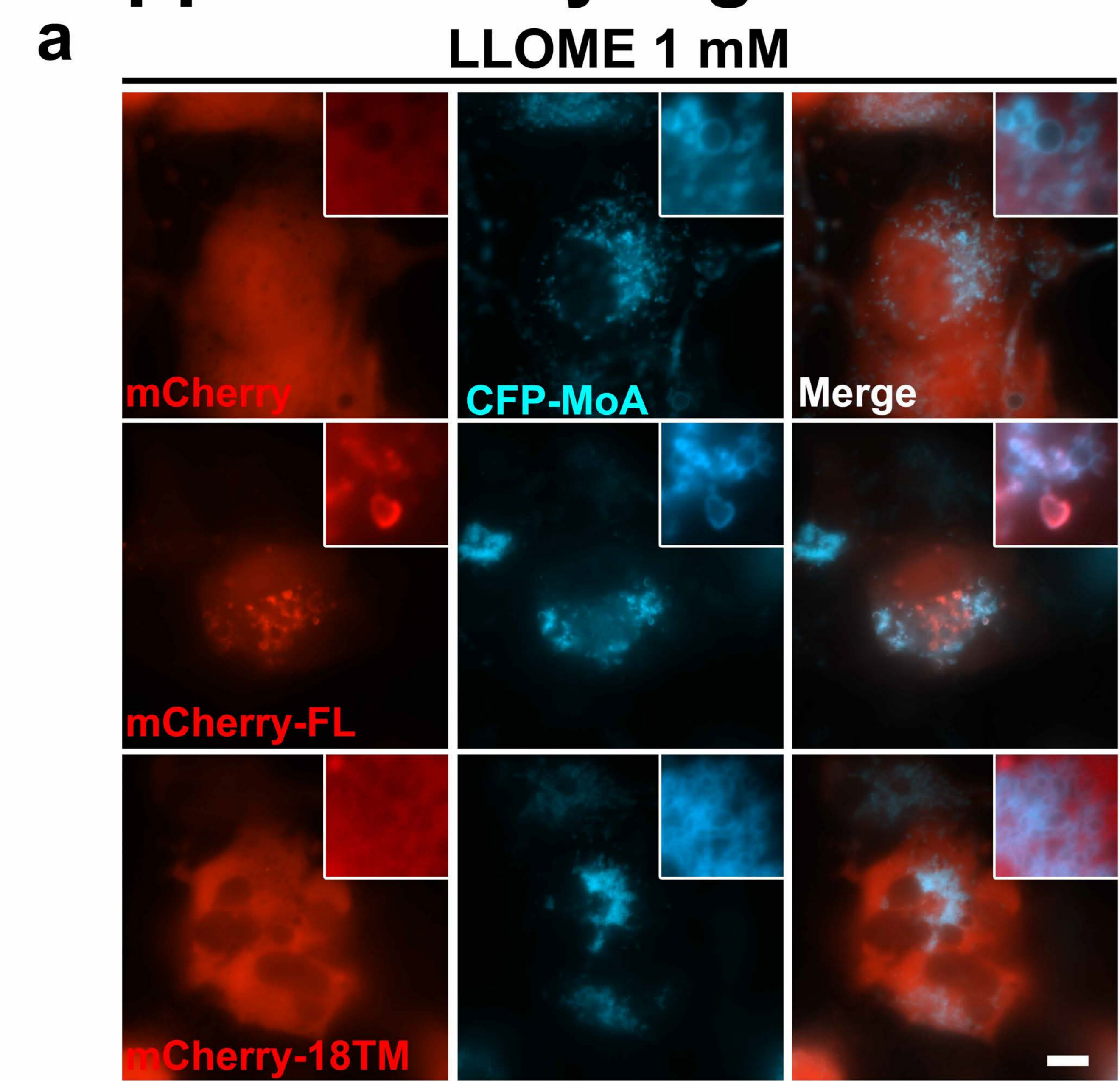
mSca-Peroxi
(Peroxisome matrix)



Merge

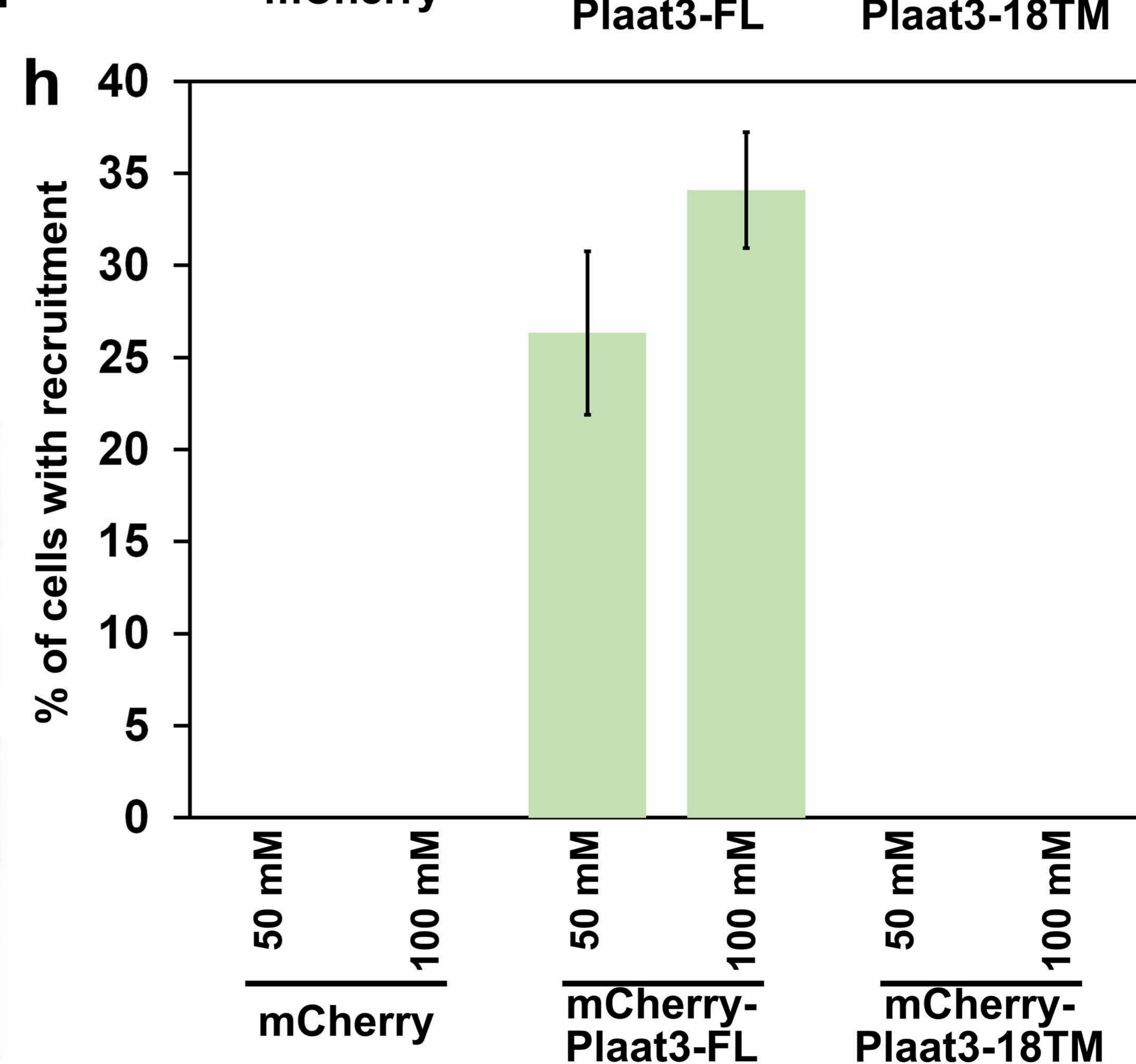
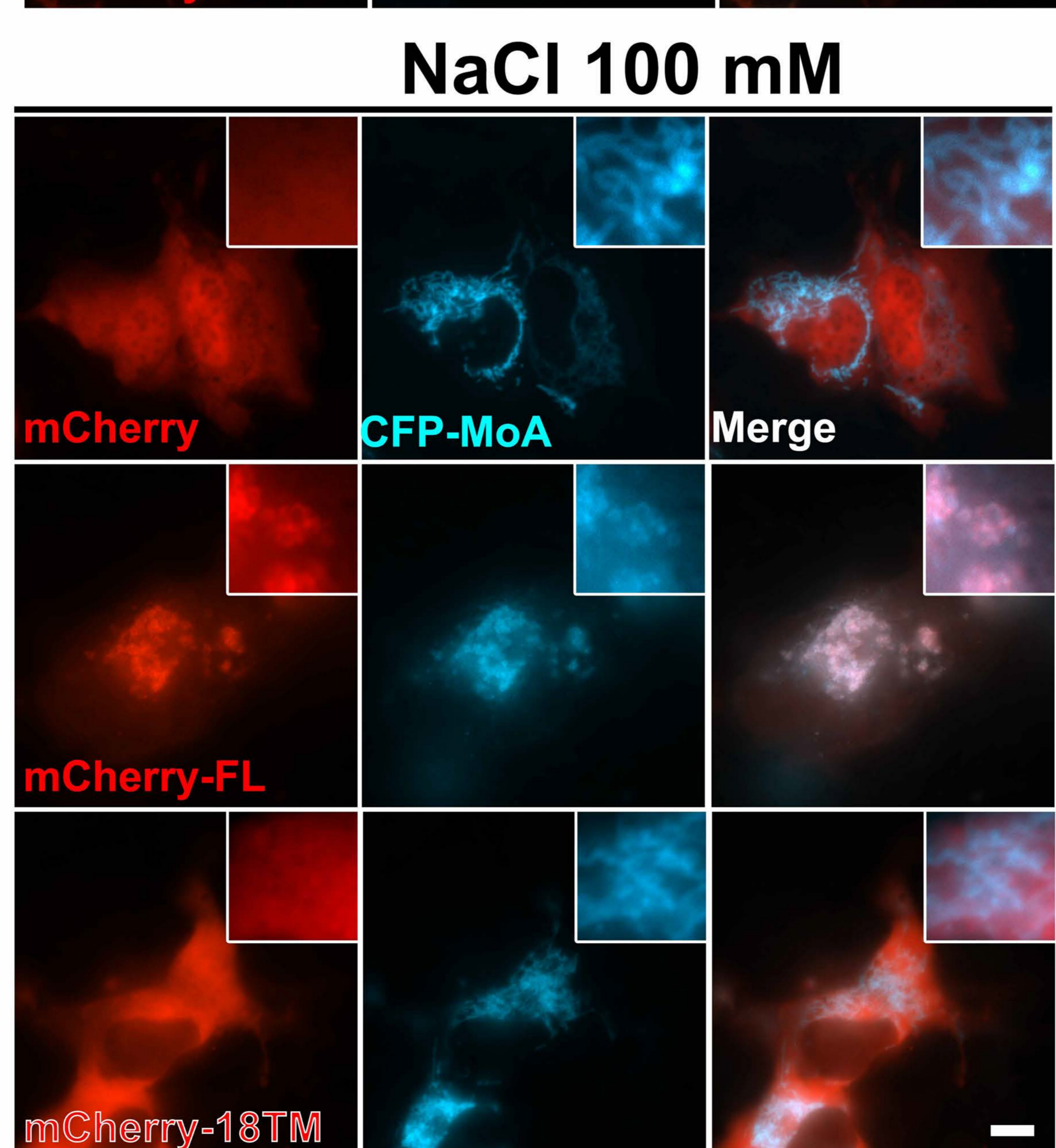
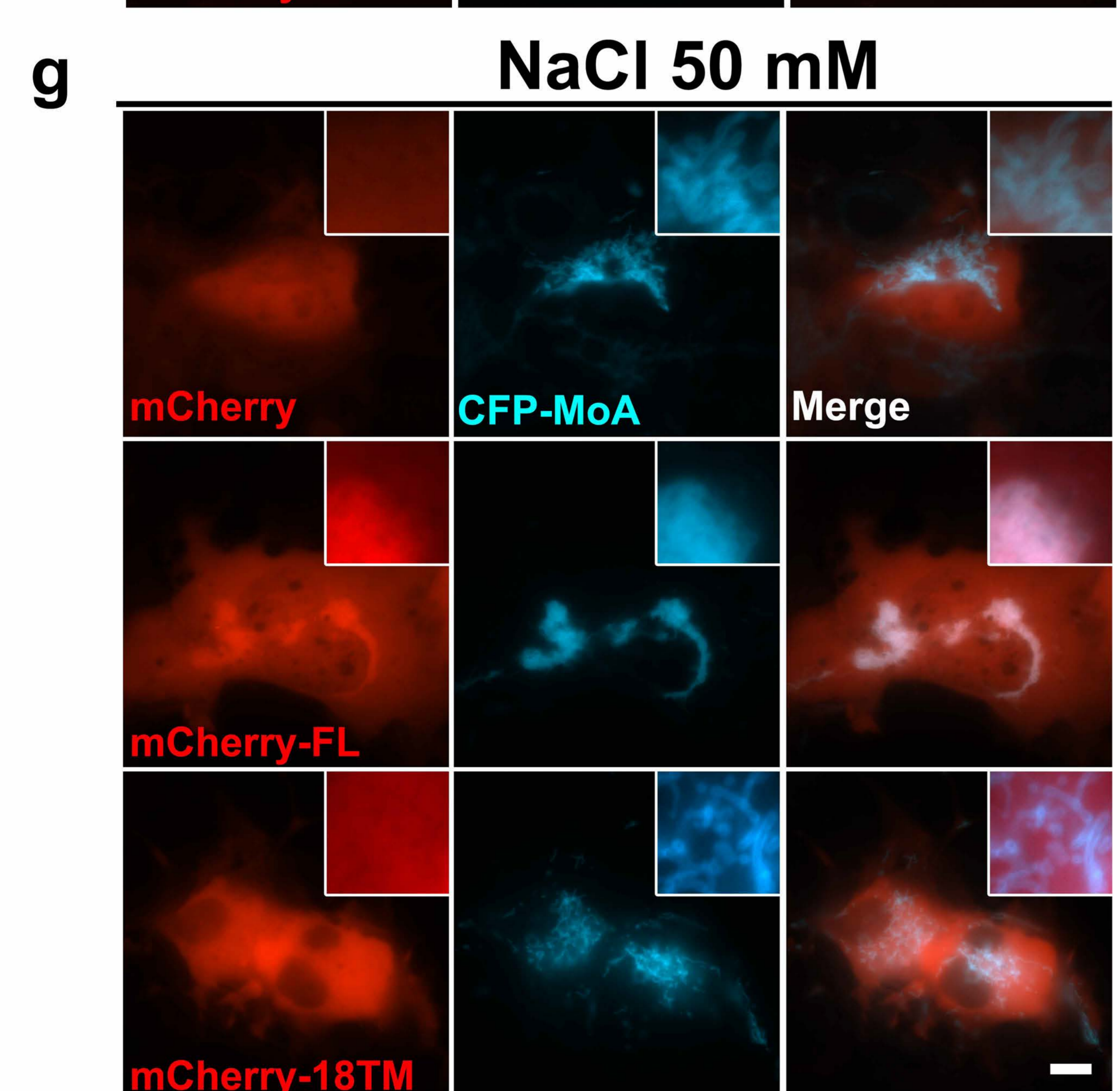
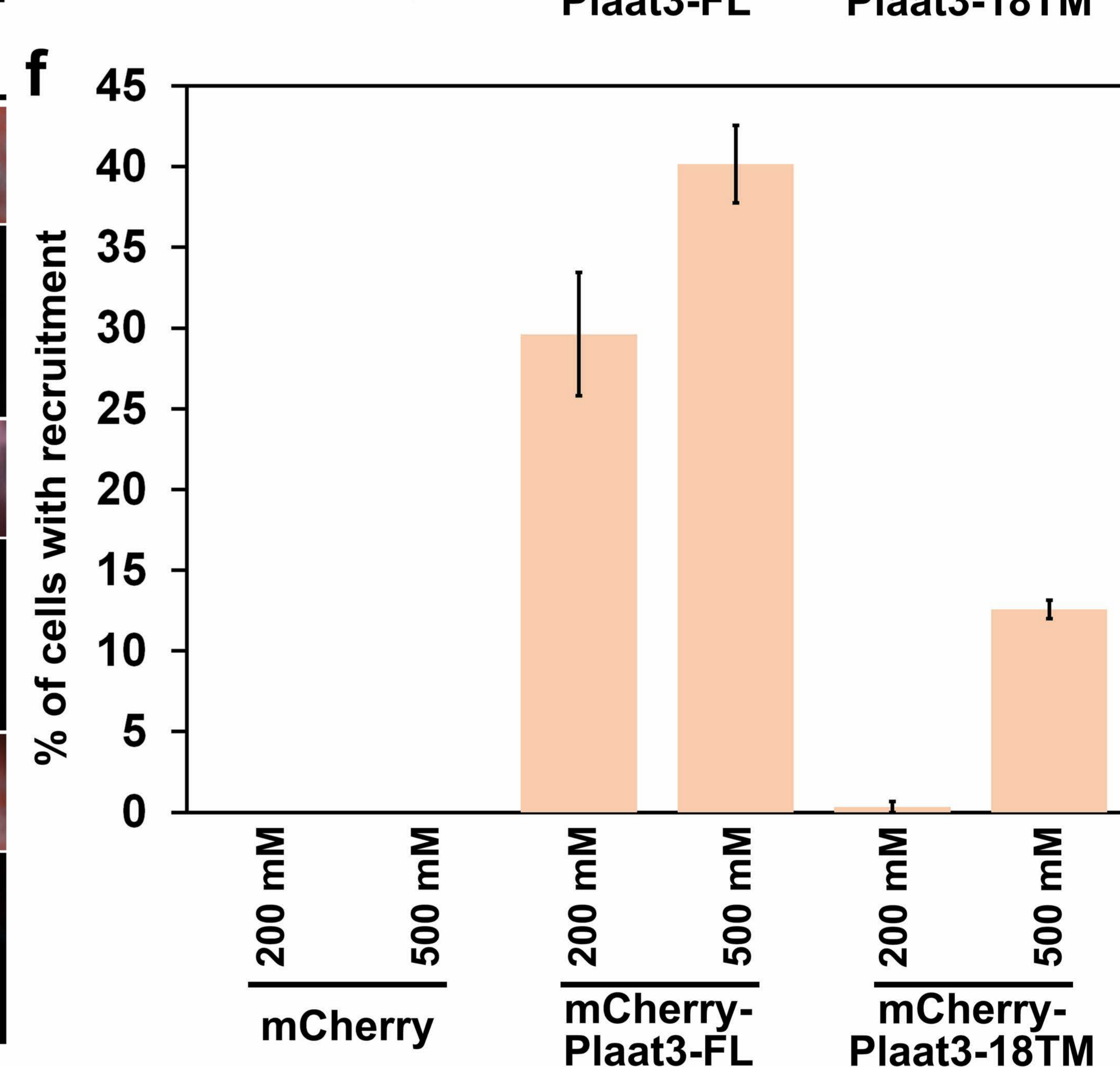
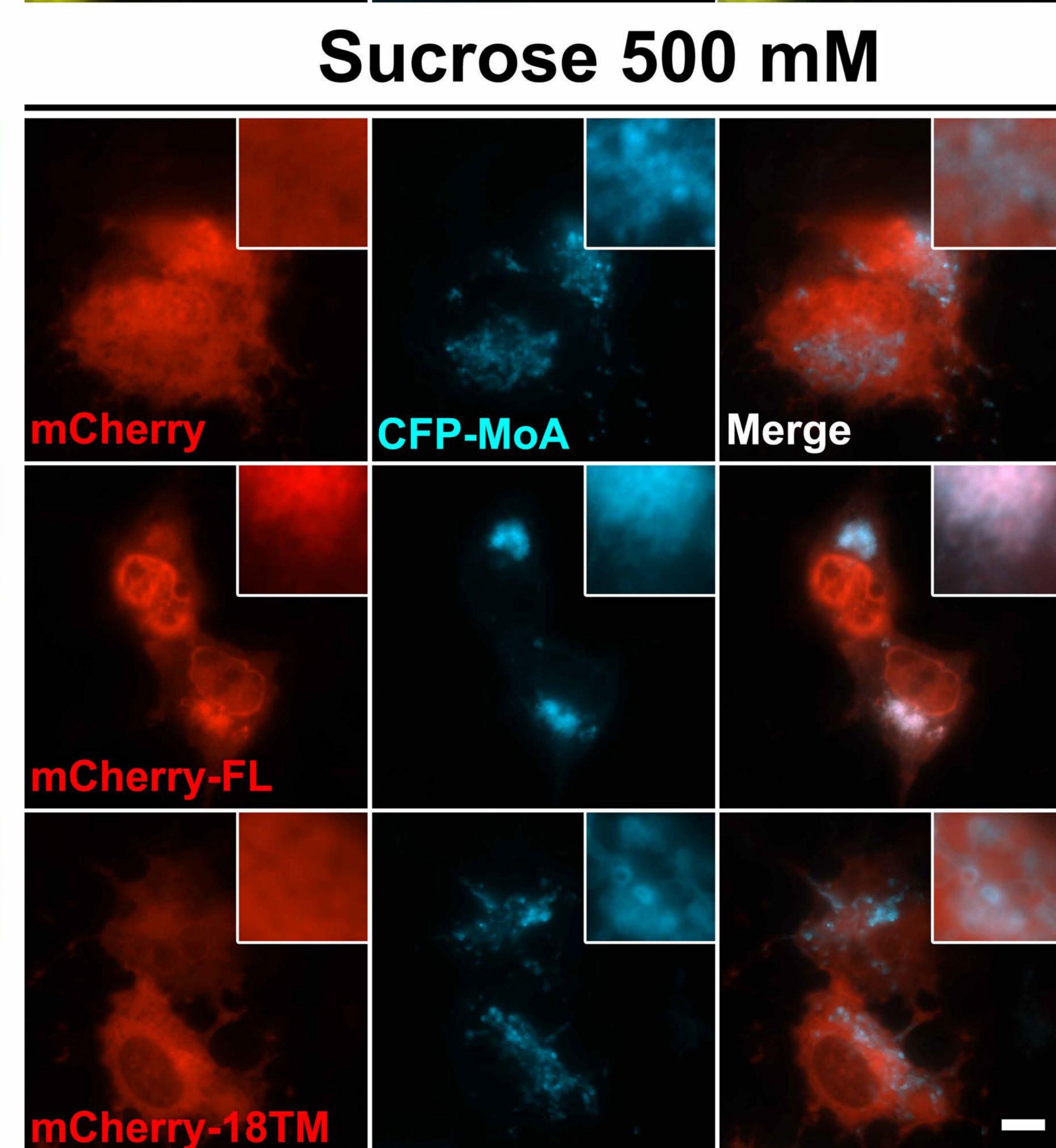
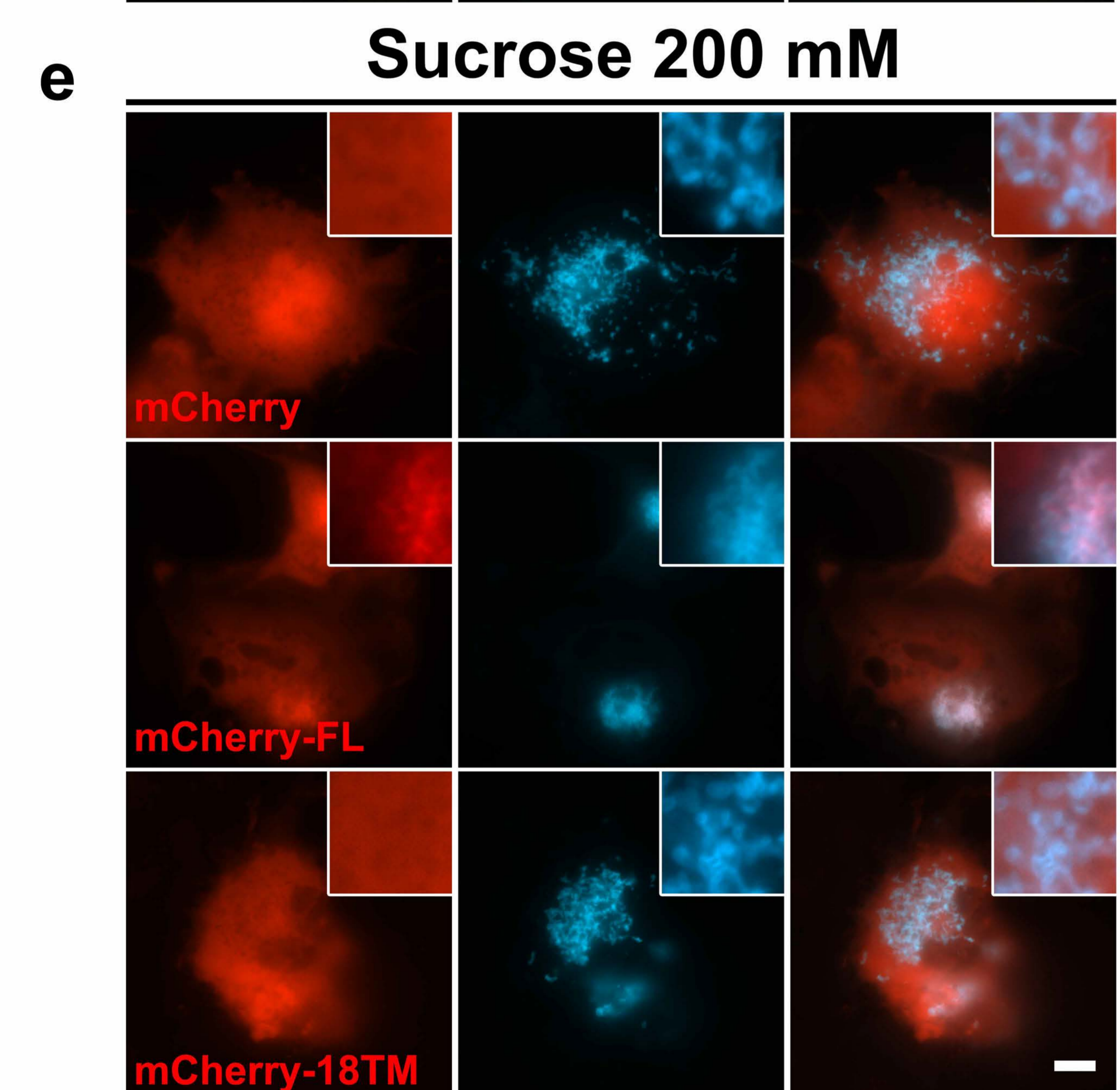
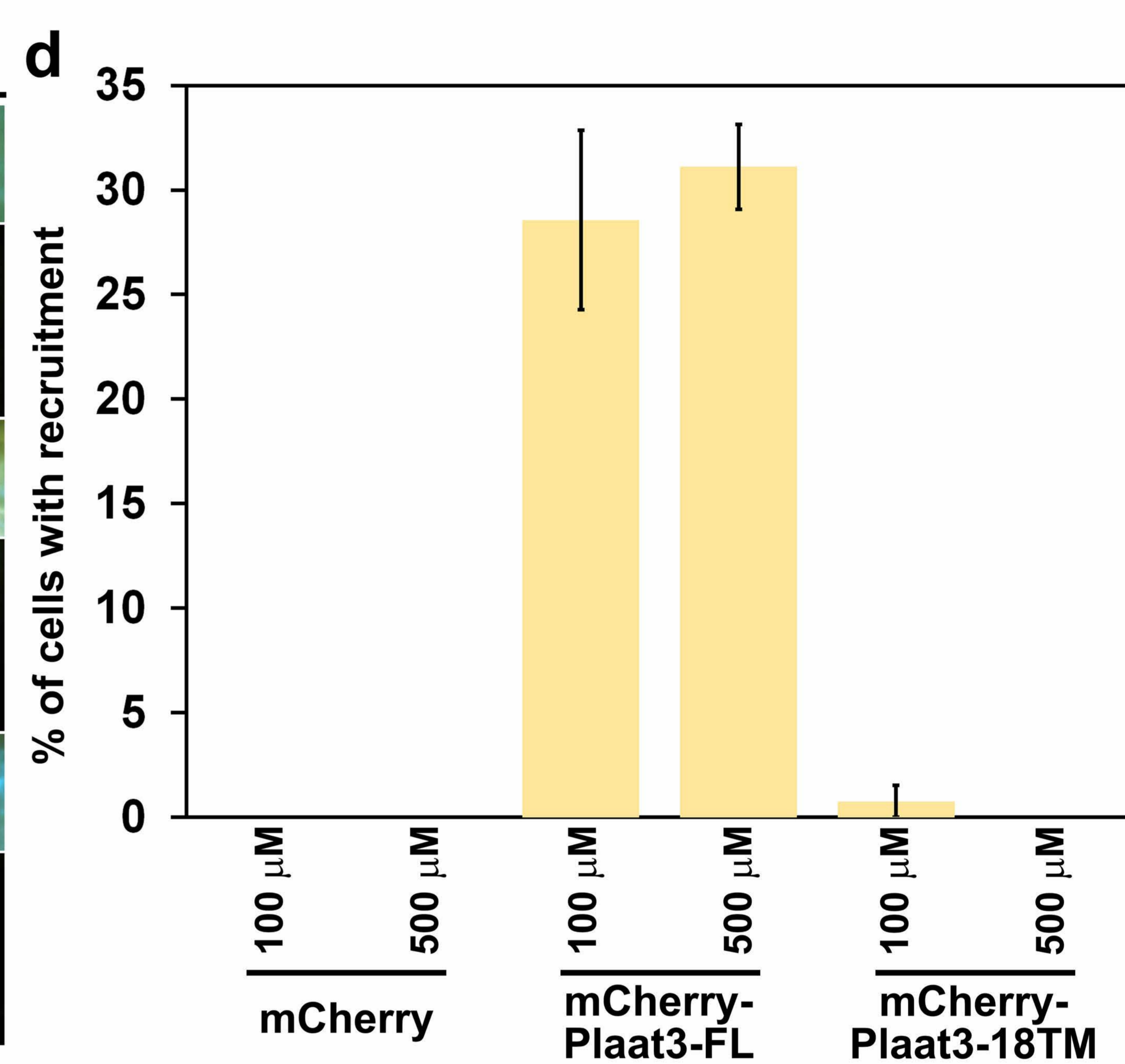
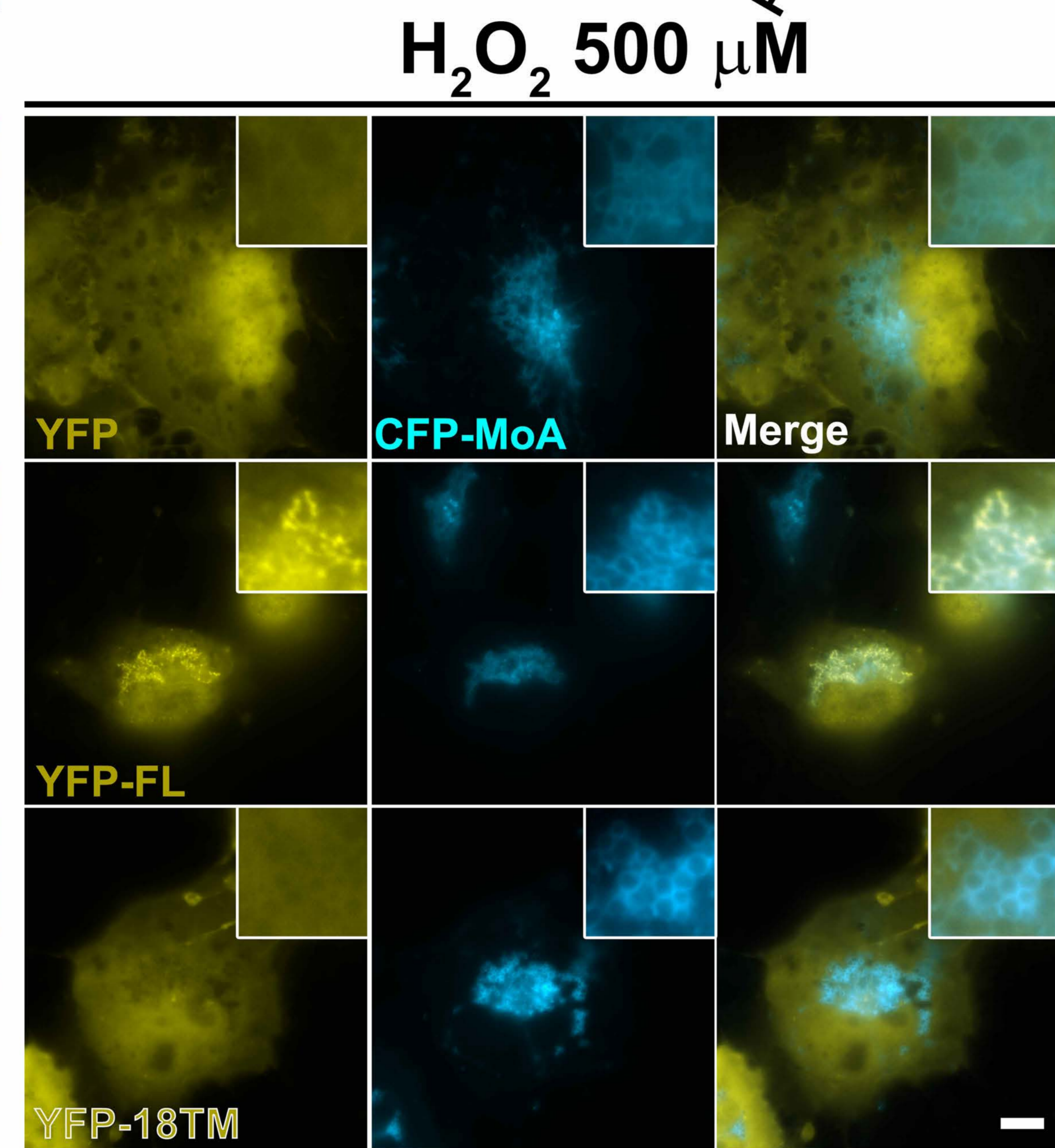
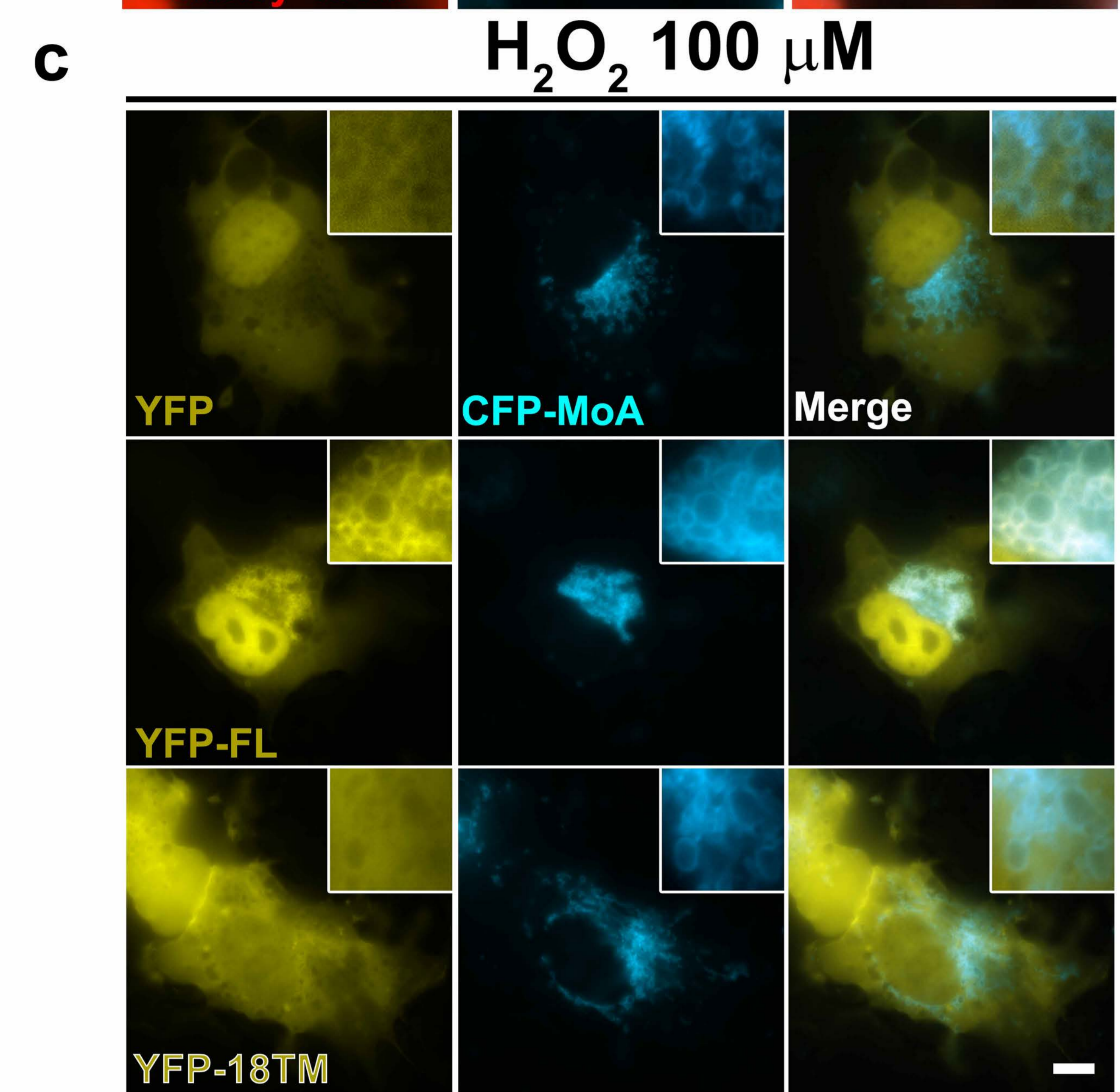


Supplementary Figure 7

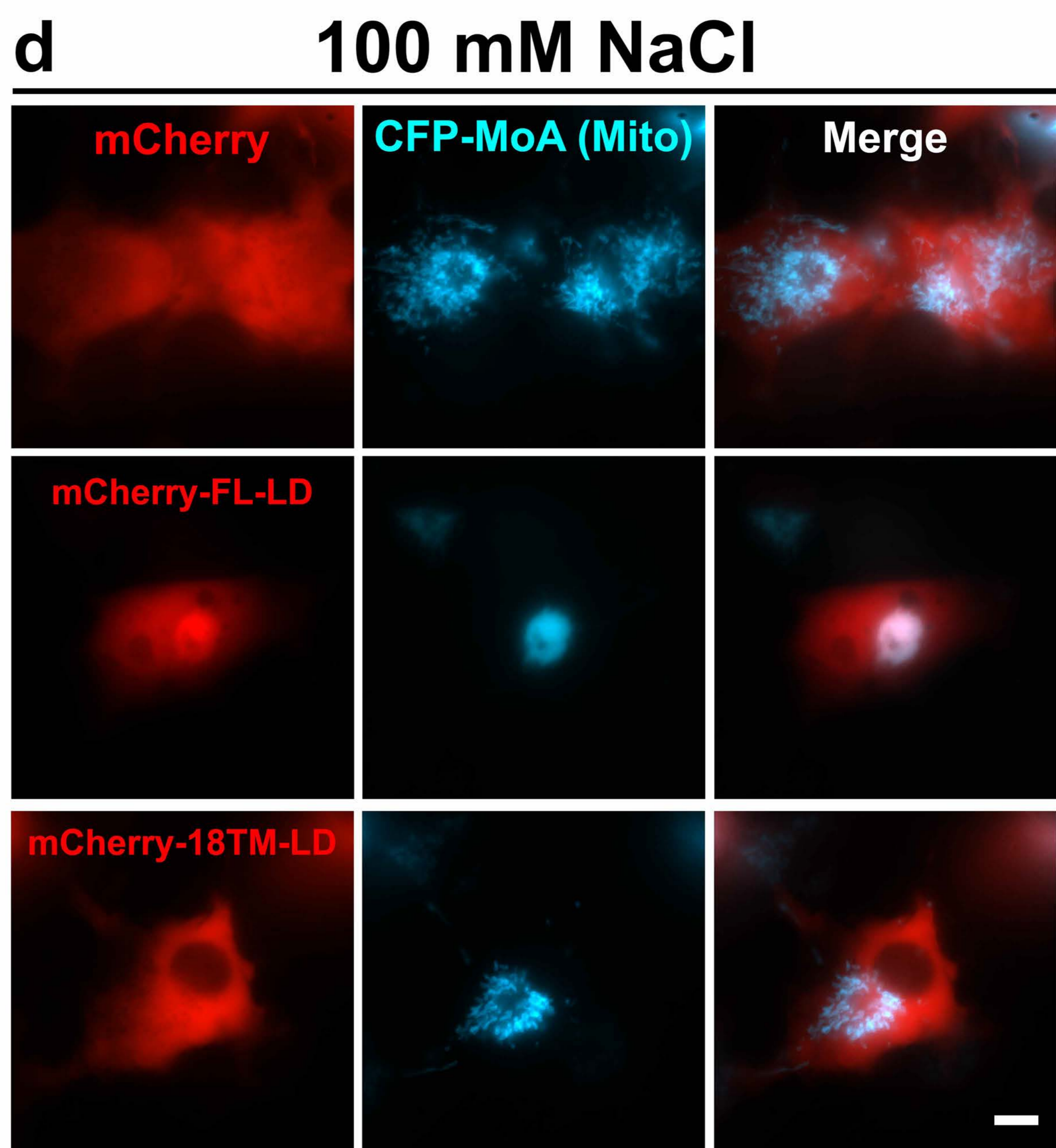
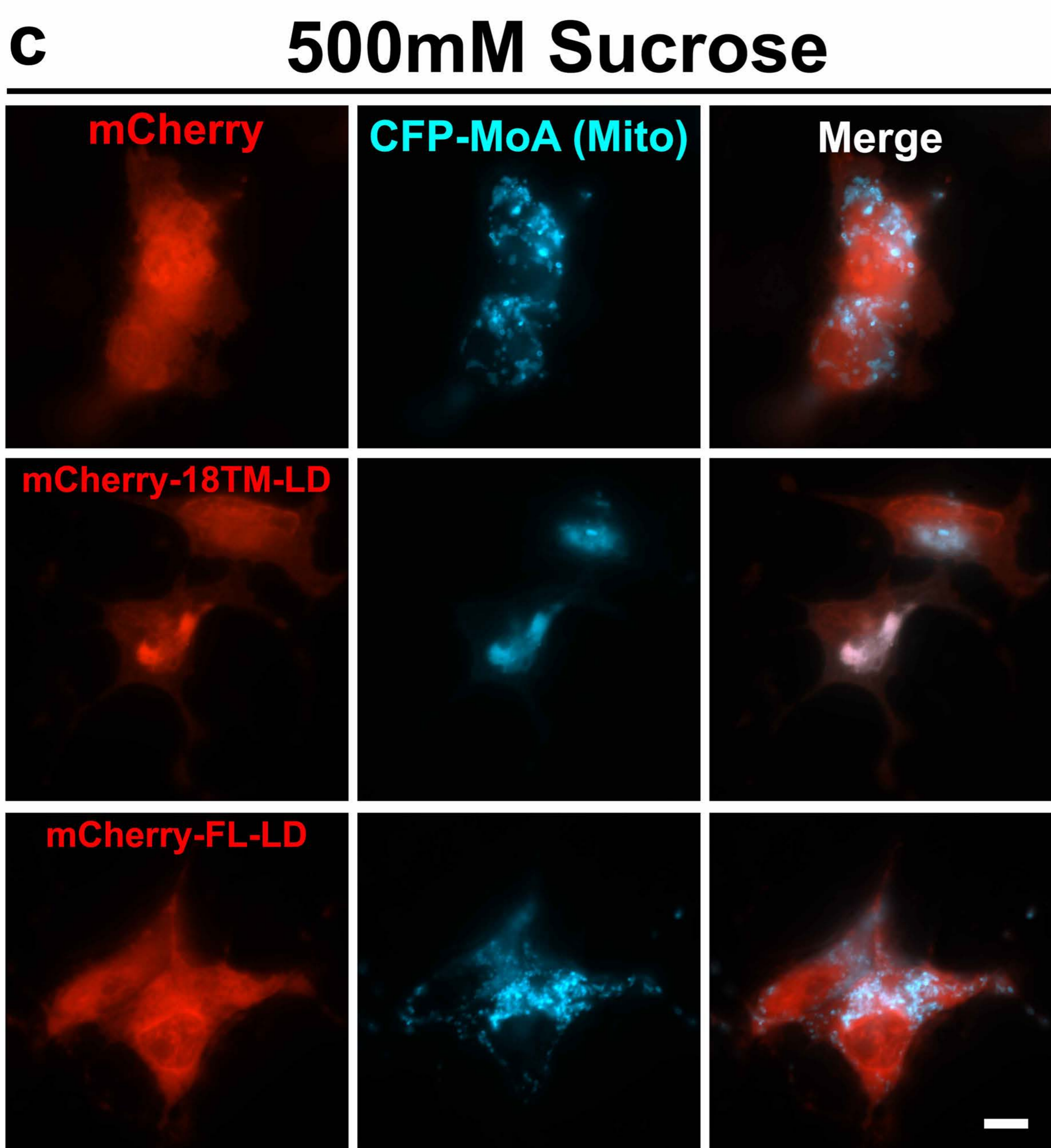
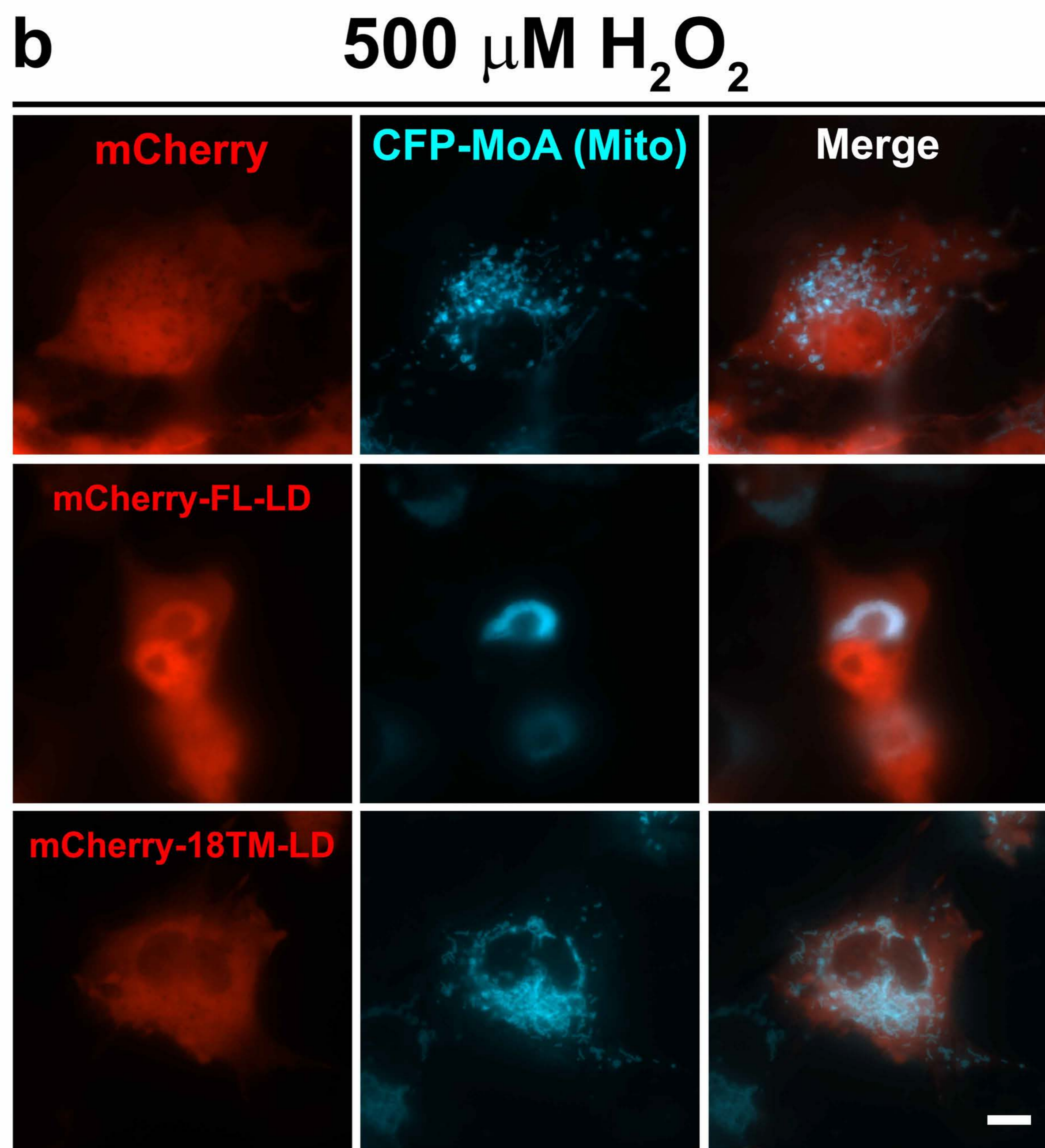
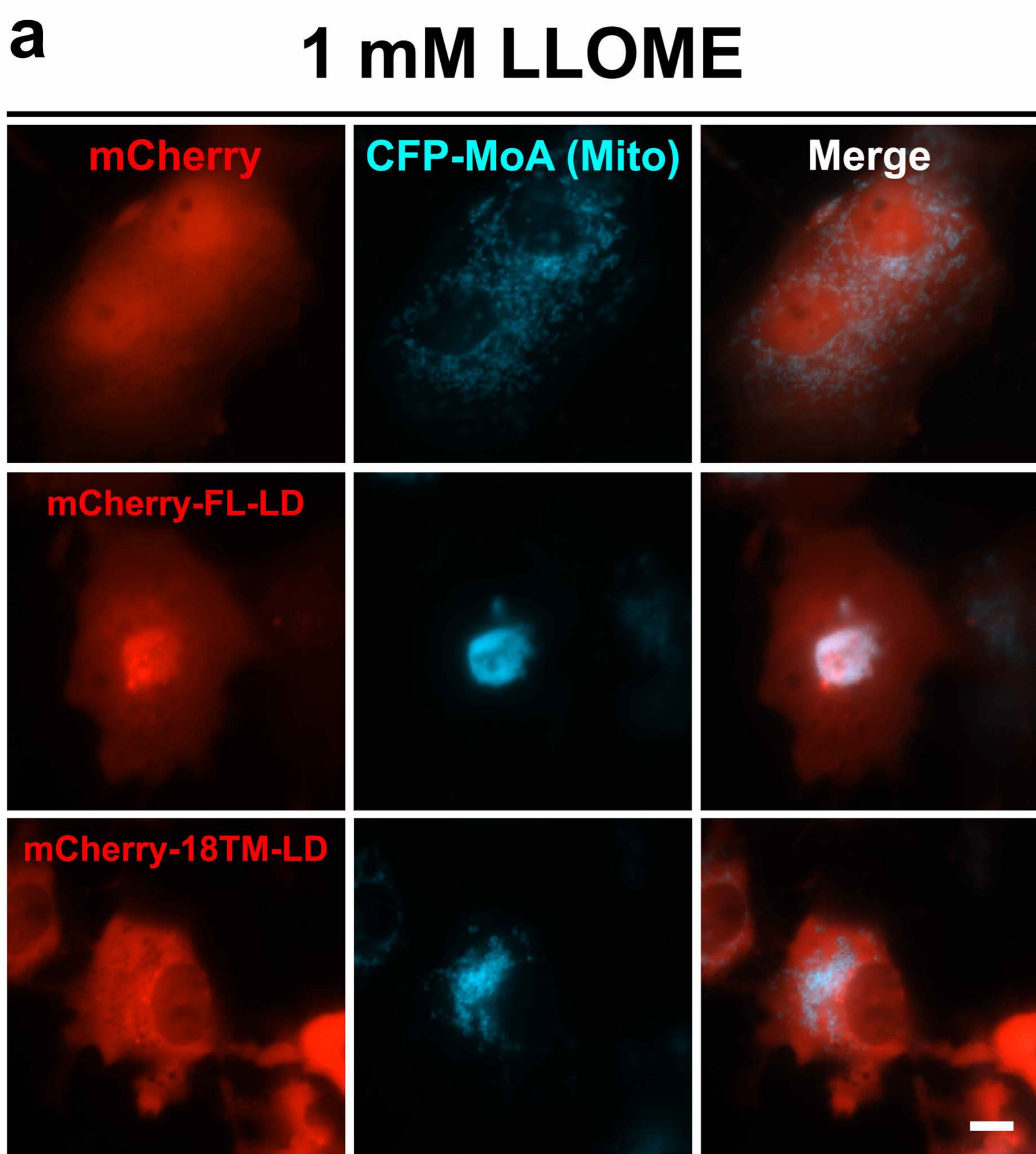


i

	Spontaneous recruit	Stress-induced recruit
FL	+	+
FL-LD	+	+
18TM	-	-
18TM-LD	-	-



Supplementary Figure 8



Supplementary Figure 9

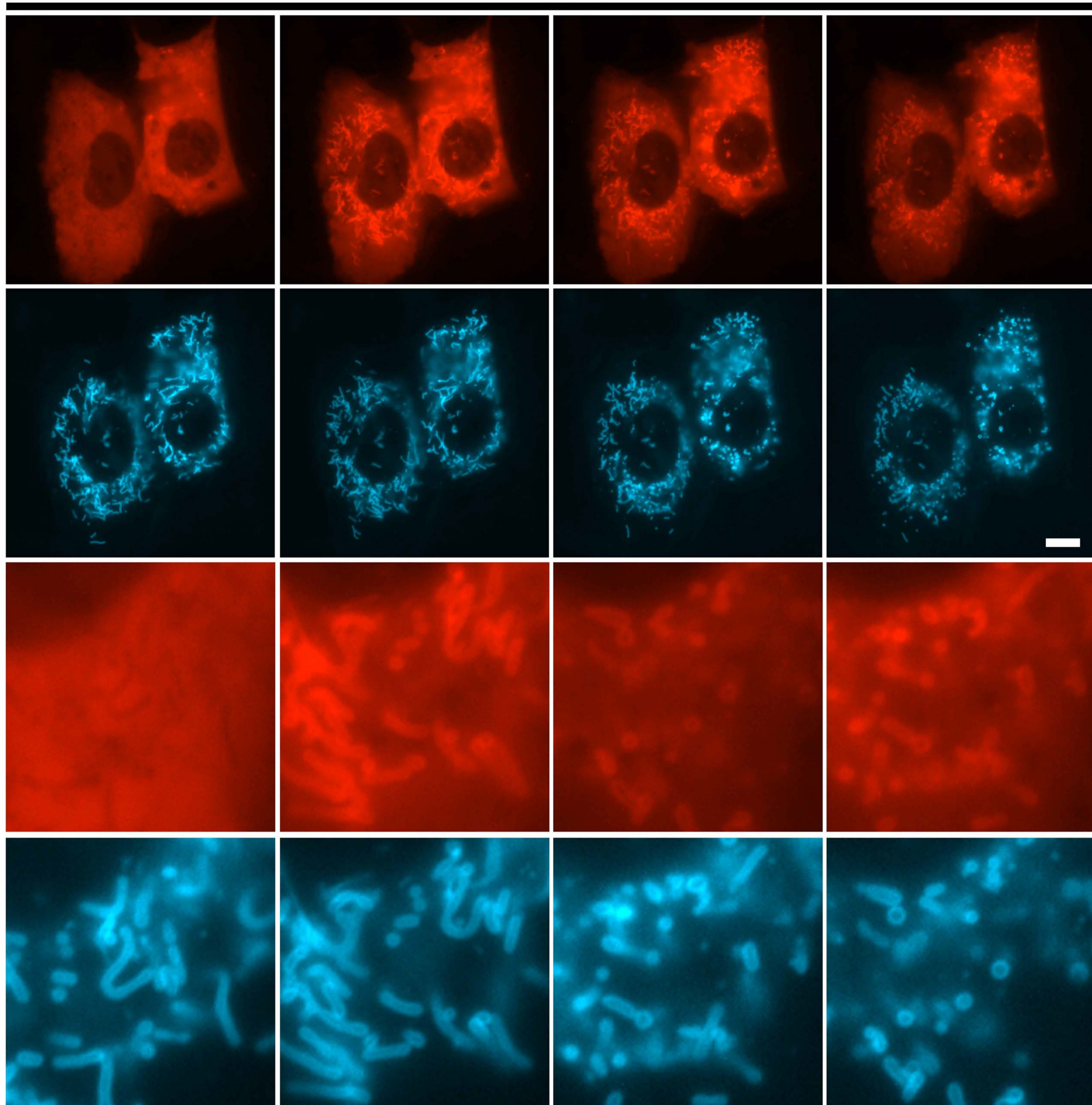
a

WT MEFs

mCherry-FKBP-18TM

CFP-FRB-MoA

Enlarged image



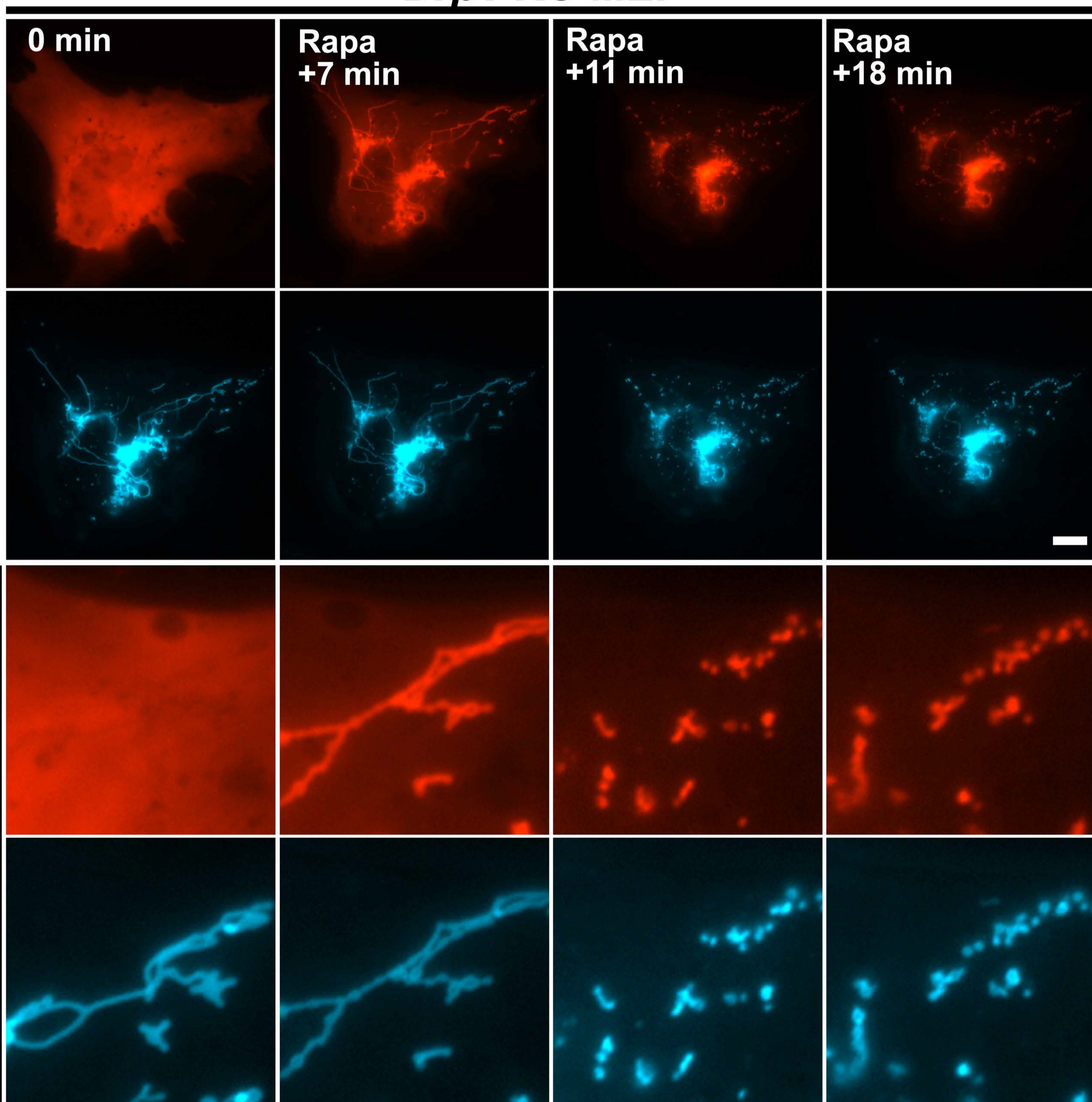
b

Drp1 KO MEF

mCherry-FKBP-18TM

CFP-FRB-MoA

Enlarged image



Supplementary Figure 10

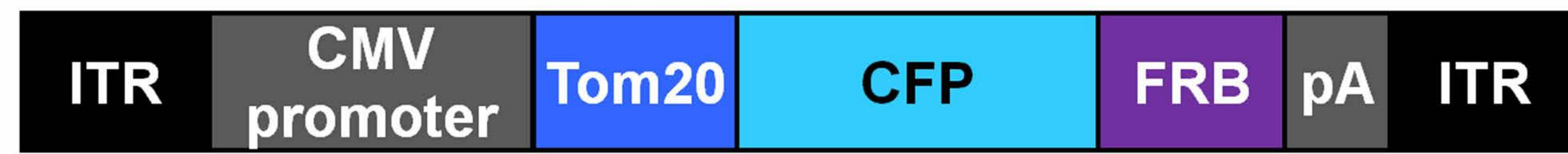
a AAV-CMV-YFP-FKBP-18TM



AAV-CMV-YFP-FKBP



AAV-CMV-Tom20-CFP-FRB



b

