Description of Additional Supplementary Files

File Name: Supplementary Movie 1

Description: Time lapse showing mRFP-FRB-R3 (purple, top left) co-localizing with OMM-FKBPYFP(green, top right) after rapamycin treatment. mRFP-YFP overlay confirming R3 re-localization to the vicinity of OMM (white, bottom right). ER-lumen targeted CFP showing unaltered ER morphology during R3 co-localization with the OMM (cyan, bottom left).