Figure 1-Source Data 2

ORF1-561-all\_ORF1\_spots-NORM.csv

* Output data matrix from the spot detection algorithm run on the ORF1-Halo and ORF1-mNG2 colocalization data, with intensity information for the detected intracellular JF549+ spots, including intensities in the JF549 channel, the JF646 channel, and the mNG2 channel, with the following columns:
  + plane (z): Z plane of the detected spot
  + row (y): y coordinate of the detected spot
  + col (x): x coordinate of the detected spot
  + radius: radius of the detected spot
  + roi: image name or ROI name in which the spot was detected
  + nuclei\_ch\_intensity: DAPI intensity at the detected spot
  + JF549\_intensity: raw JF549 intensity at the detected spot
  + JF646\_intensity: raw JF646 intensity at the detected spot
  + mNG2\_intensity: raw mNeonGreen2 intensity at the detected spot
  + file\_name: source image name
  + JF646\_intensity-norm\_factor: JF646 normalization factor corresponding to the median JF646 intensity at the random spots within the given ROI
  + JF646\_intensity-norm: normalized JF646 intensity at the detected spot, calculated by dividing the raw intensity by the corresponding normalization factor
  + mNG2\_intensity-norm\_factor: mNG2 normalization factor (as above)
  + mNG2\_intensity-norm: normalized mNG2 intensity at the detected spot (as above)
  + JF549\_intensity-norm\_factor: JF549 normalization factor (as above)
  + JF549\_intensity-norm: normalized JF549 intensity at the detected spot (as above)

ORF1-561-all\_random\_spots-NORM.csv

* Output data matrix from the spot detection algorithm run on the ORF1-Halo and ORF1-mNG2 colocalization data, with intensity information for the randomly assigned intracellular spots, with the same columns as above