Figure 3-Source Data 1

totalPunctaPerCell\_maxZfindMaxima\_20210905\_HeLaORF1mut\_punctaImaging\_rep1\_Prom75.xlsx

* Data matrix from the first biological replicate of the puncta counting experiment with wild-type ORF1, ORF1 K3A/K4A, and ORF1 R261A after 6 hours of doxycycline-induced expression in HeLa M2 cells, with the following sheets:
  + Summary: summarized puncta counts, where each column represents an ORF1 variant (WT, K3A/K4A, or R261A) and each value represents the total puncta count from a single cellular ROI
  + WT: puncta count values from the cells expressing L1 with wild-type ORF1-Halo, with the following columns
    - FOV: image name
    - Cell: cellular ROI identification number
    - Area: calculated area of the cellular ROI
    - # of Puncta: number of detected puncta in the given cellular ROI
  + K3AK4A: puncta count values from the cells expressing L1 with ORF1-Halo with the K3A/K4A mutations (as above)
  + R261A: puncta count values from the cells expressing L1 with ORF1-Halo with the R261A mutation (as above)

totalPunctaPerCell\_maxZfindMaxima\_2021009\_HeLaORF1mut\_punctaImaging\_rep2\_Prom75.xlsx

* Data matrix from the second biological replicate of the puncta counting experiment with wild-type ORF1, ORF1 K3A/K4A, and ORF1 R261A, as above

totalPunctaPerCell\_maxZfindMaxima\_2021016\_HeLaORF1mut\_punctaImaging\_rep3\_Prom75.xlsx

* Data matrix from the third biological replicate of the puncta counting experiment with wild-type ORF1, ORF1 K3A/K4A, and ORF1 R261A, as above