A
Dox induction time
0 hours
3 hours
6 hours
24 hours
ORF1-Halo
ORF1-Halo + SiR-DNA
B
Puncta Count per Cell
60
40
20
0
0
3
6
24
Expression Induction Time (hours)
C
Relative Frequency (%)
40
30
20
10
0
6hr Dox (N=7,940)
24hr Dox (N=9,604)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
2200
2400
2600
2800
3000
Puncta Intensity (A.U.)
D
72 hours of Dox induction
ROI 1
ROI 2
ORF1-Halo
ORF1-Halo + SiR-DNA
E
Median D_eff (μm²/s)
0.08
0.06
0.04
0.02
0
Cytoplasm
(N=20 FOV)
Nucleus
(N=139 nuclei)