**Numerical values for repeats for Figure 5 E**

Data shown in the figure are from repeat 1.

|  |  |  |  |
| --- | --- | --- | --- |
|  | repeat 1 | repeat 2 | repeat 3 |
|  | median | number of cells | median | number of cells | median | number of cells |
| Control + CHX | 0.20 | 103 | 0.36 | 65 | 0.31 | 87 |
| Control | 2.38 | 82 | 3.60 | 75 | 3.76 | 62 |
| GFP | 2.36 | 74 | 4.16 | 77 | 3.75 | 61 |
| NES-GA65-GFP | 2.74 | 69 | 3.15 | 52 | 2.25 | 21 |
| NES-G4C2-GFP | 1.45 | 40 | 2.78 | 27 | 2.55 | 36 |
| NLS-GA65-GFP | 0.90 | 45 | 1.38 | 51 | 1.38 | 47 |
| NLS-G4C2-GFP | 0.39 | 46 | 0.81 | 47 | 0.69 | 38 |

Welch’s test was used to infer significant differences:

NES-GA65-GFP vs NES-G4C2-GFP *p*-Value < 0.0001

NES-GA65-GFP vs NLS-GA65-GFP *p*-Value < 0.0001

NES-G4C2-GFP vs NLS-GA65-GFP *p*-Value = 0.0062

NLS-GA65-GFP vs NLS-G4C2-GFP *p*-Value < 0.0001