Figure 1B

Gel: 10% SDS-PAGE gel
MW Marker: BenchMark pre-stained (Invitrogen 10748-010)
1\textsuperscript{st} Antibody: rabbit anti-firefly luciferase, 1:1,000 (Sigma Aldrich L0159)
2\textsuperscript{nd} Antibody: goat anti-rabbit IgG, FITC labelled, 1:1,000 (Sigma Aldrich F9887)
Image acquisition: Fuji FLA-5100 fluorescence scanner, “FITC” Laser/Filter settings

Lane order:
minCFLuc, staCFLuc, maxCFLuc (Replicate 1, 2.5 µl load)
minCFLuc, staCFLuc, maxCFLuc (Replicate 1, 10 µl load)
minCFLuc, staCFLuc, maxCFLuc (Replicate 2, 10 µl load)
minCFLuc, staCFLuc, maxCFLuc (Replicate 3, 10 µl load)

Approximate area used in figure 1B is outlined
**Figure 1C**

Gel: 12.5% SDS-PAGE gel

MW Marker: BenchMark pre-stained (Invitrogen 10748-010)

1\(^{st}\) Antibody: rabbit anti-HA, 1:1,000 (Sigma Aldrich H6908)

2\(^{nd}\) Antibody: goat anti-rabbit IgG, FITC labelled 1:1,000 (Sigma Aldrich F9887)

Image acquisition: Fuji FLA-5100 fluorescence scanner, “FITC” Laser/Filter settings

Lane order:

Marker

\(\min \text{HIS3}, \max \text{HIS3} \) (Replicate 1, 10 µl load)

\(\min \text{HIS3}, \max \text{HIS3} \) (Replicate 2, 10 µl load)

\(\min \text{HIS3}, \max \text{HIS3} \) (Replicate 3, 10 µl load)

Approximate area used in figure 1C is outlined
**Figure 1D**

Gel: 12.5% SDS-PAGE gel  
MW Marker: BenchMark pre-stained (Invitrogen 10748-010)  
1\textsuperscript{st} Antibody: rabbit anti-Renilla luciferase 1:1,000 (MBL PM047)  
2\textsuperscript{nd} Antibody: goat anti-rabbit IgG, FITC labelled 1:1,000 (Sigma Aldrich F9887)  
Image acquisition: Fuji FLA-5100 fluorescence scanner, “FITC” Laser/Filter settings

Lane order:  
Marker, empty  
minRLuc (Rep 1, 10 µl), minRLuc (Rep2, 10 µl)  
staRLuc (Rep 1, 10 µl), staRLuc(Rep 2, 10 µl))  
empty, empty  
minRLuc (Rep 1, 5 µl), minRLuc (Rep2, 5 µl)  
staRLuc (Rep 1, 5 µl), staRLuc (Rep 2, 5 µl)

Approximate area used in figure 1D is outlined
Figure 1E

Gel: 12.5% SDS-PAGE gel
MW Marker: Pageruler pre-stained (Thermo Scientific 26616)
1st Antibody: rabbit anti-RFP 1:1,000 (MBL PM005)
2nd Antibody: goat anti-rabbit IgG, HRP labelled 1:10,000 (Sigma Aldrich A6154)
Image acquisition: Incubation with HRP substrate and exposure to Film (10 second)

Lane order:
Marker
mCherry v3, mCherry v4 – 10 µl
mCherry v3, mCherry v4 – 2 µl
mCherry v3, mCherry v4 – 10 µl
mCherry v3, mCherry v4 – 2 µl

Approximate area used in figure 1E is outlined