



# Image Detective Report

for

XCRM-D-25-00032

Date: 10-Apr-2025



Figure 2

Source

Detected

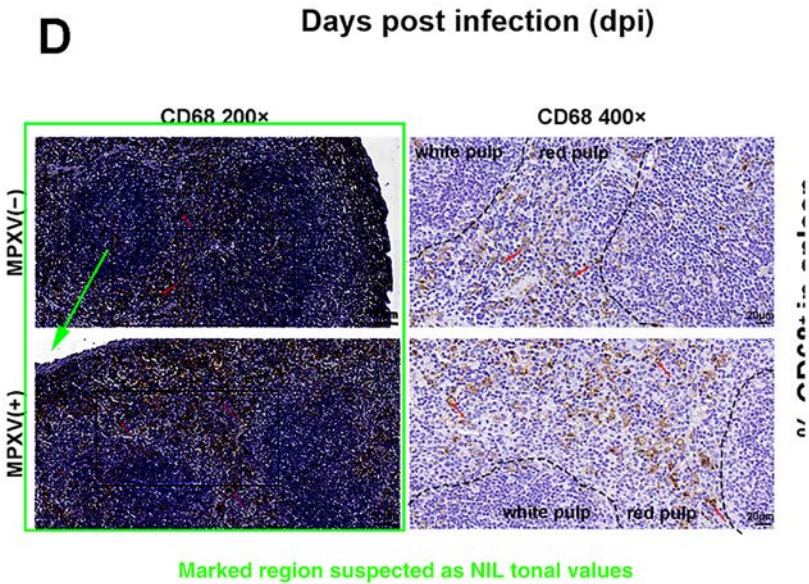
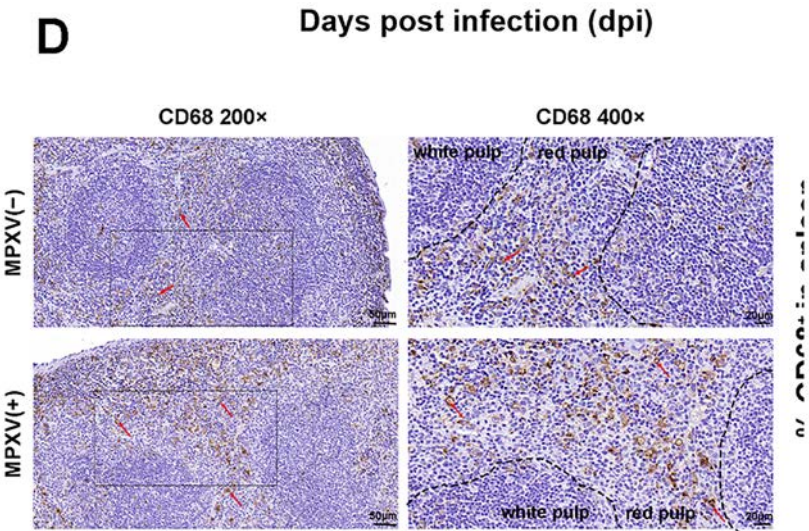
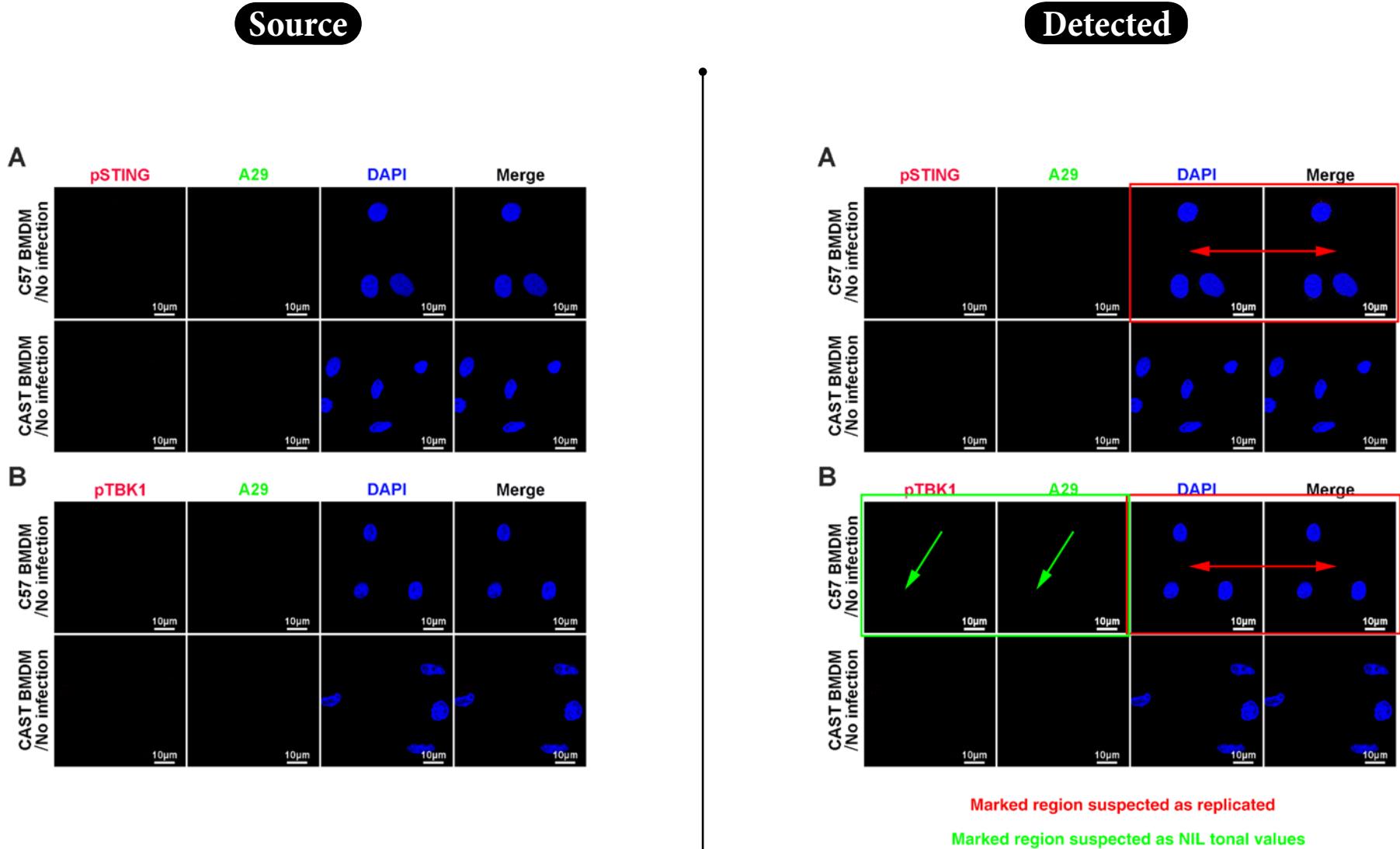


Figure S6



## Glossary

### 1. Inadequate Image Quality (low resolution/high compression)

- **Low resolution** - Image doesn't possess enough resolution (minimum of 300 dpi) to reveal the manipulation.
- **High compression** - Image was compressed highly and requires low compression to reveal the manipulation.

### 2. Marked region detected as manipulated by hazy/patch/removing tonal values

- **Hazy** – Blur tool might have been used to adjust the details within the image. This tool reduces the details within the image or softens hard edges created.
- **Patch** – The patch/clone tool might have been used to copy the details within the image from one area to another area.
- **Tonal values removed** – An eraser tool might have been used to remove the details or unwanted pixels from the margin of selected objects and panels.

### 3. Marked region shows lines over image

- Image contains horizontal or vertical lines due to cloning, copying/pasting, erasing, etc.

### 4. Marked region suspected as merged/blocked

- **Merged** – Two images might have been overlapped/bound at the ends.
- **Blocked** – The image details might have been blocked with equal values of colour taken from other areas of the image.

### 5. Marked region suspected as replicated

- The marked region might have been duplicated by copying from another part of the image.

### 6. Marked region suspected as NIL tonal values

- Background data has been removed in the marked region resulting in NIL tonal values.

### 7. Suspecting non-native artefact

- The marked region is being suspected for any tampering/modification.