### Sox2

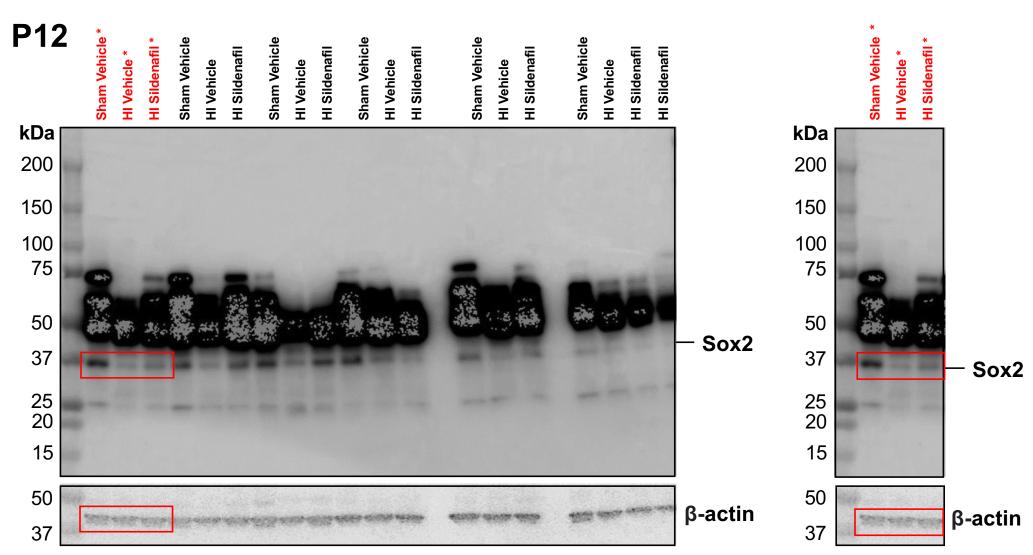


FIGURE 3A – P12: Western blotting for Sox2 at P12, showing full-length western blots (on left panel) and representative samples chosen to be cropped for main Figure 3 (on right panel). The regions of the original blots used in main figure have been denoted using red boxes.

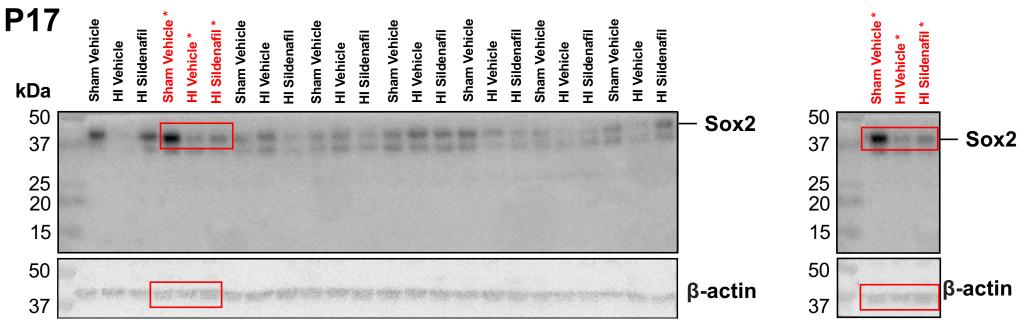


FIGURE 3A – P17: Western blotting for Sox2 at P17, showing full-length western blots (on left panel) and representative samples chosen to be cropped for main Figure 3 (on right panel). The regions of the original blots used in main figure have been denoted using red boxes.

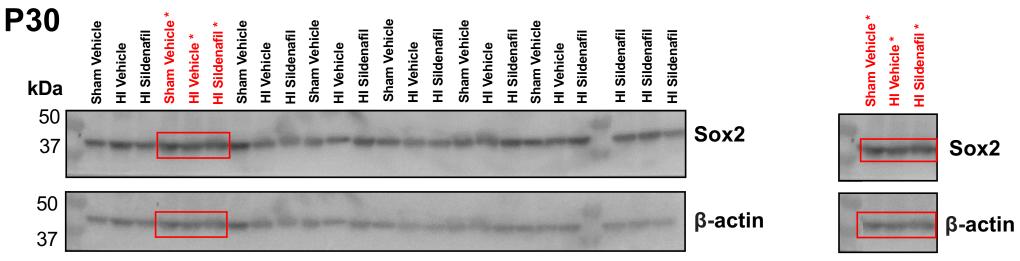


FIGURE 3A – P30: Western blotting for Sox2 at P30, showing full-length western blots (on left panel) and representative samples chosen to be cropped for main Figure 3 (on right panel). The regions of the original blots used in main figure have been denoted using red boxes.

### Nestin

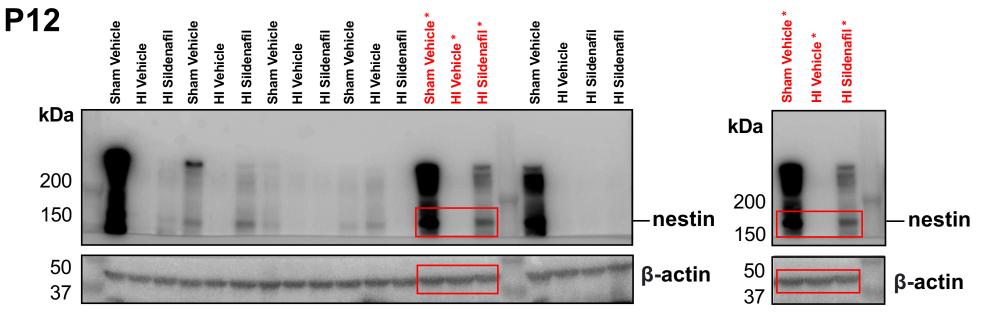


FIGURE 3B – P12: Western blotting for Nestin at P12, showing full-length western blots (on left panel) and representative samples chosen to be cropped for main Figure 3 (on right panel). The regions of the original blots used in main figure have been denoted using red boxes.

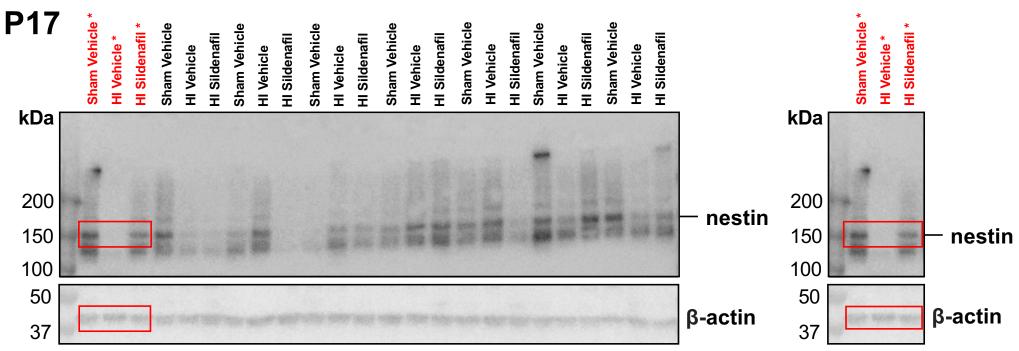


FIGURE 3B – P17: Western blotting for Nestin at P17, showing full-length western blots (on left panel) and representative samples chosen to be cropped for main Figure 3 (on right panel). The regions of the original blots used in main figure have been denoted using red boxes.

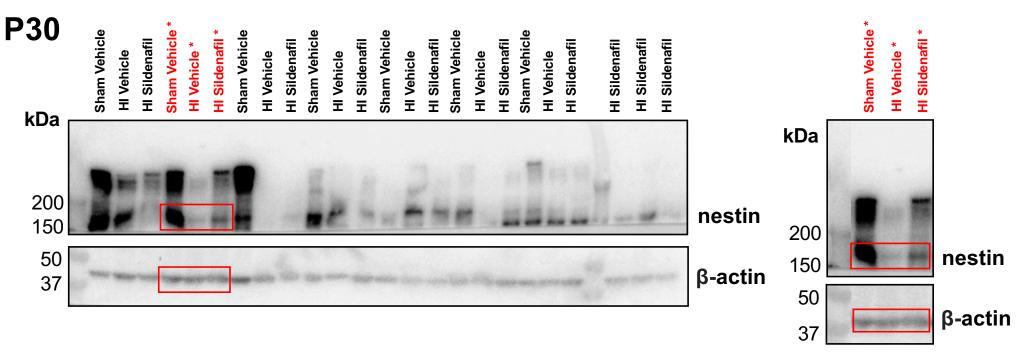


FIGURE 3B – P30: Western blotting for Nestin at P30, showing full-length western blots (on left panel) and representative samples chosen to be cropped for main Figure 3 (on right panel). The regions of the original blots used in main figure have been denoted using red boxes.

# DCX

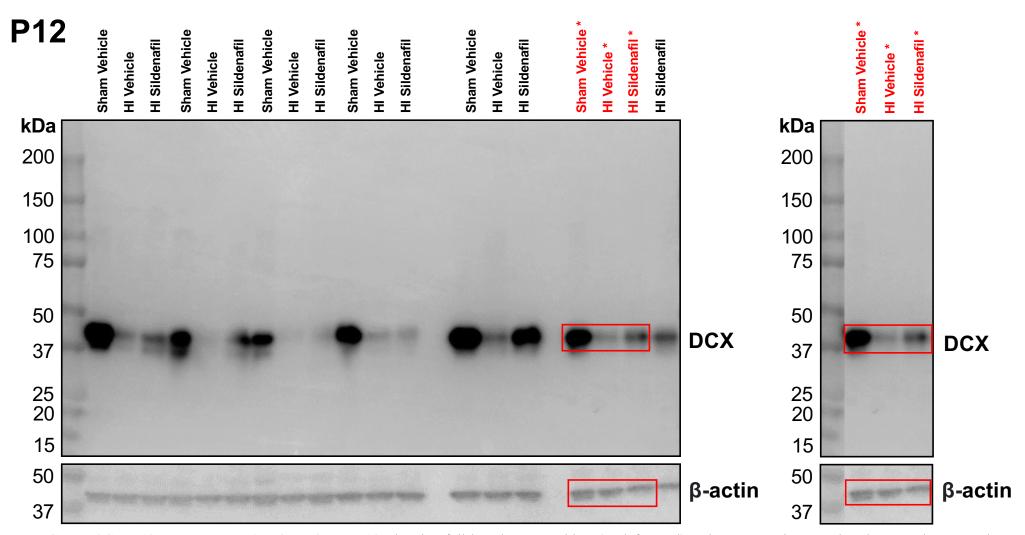


FIGURE 3C – P12: Western blotting for DCX at P12, showing full-length western blots (on left panel) and representative samples chosen to be cropped for main Figure 3 (on right panel). The regions of the original blots used in main figure have been denoted using red boxes.

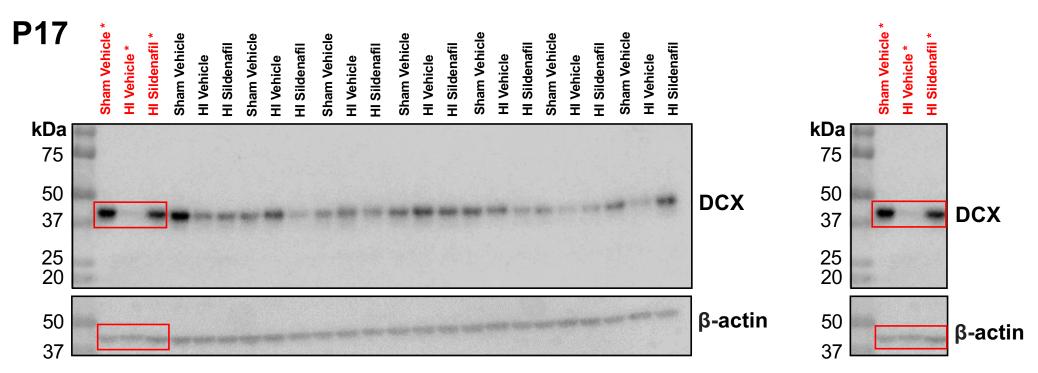


FIGURE 3C – P17: Western blotting for DCX at P17, showing full-length western blots (on left panel) and representative samples chosen to be cropped for main Figure 3 (on right panel). The regions of the original blots used in main figure have been denoted using red boxes.

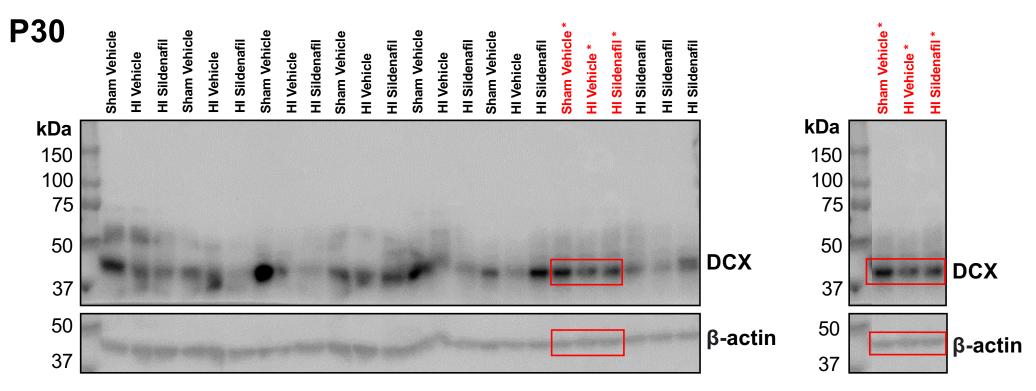


FIGURE 3C – P30: Western blotting for DCX at P30, showing full-length western blots (on left panel) and representative samples chosen to be cropped for main Figure 3 (on right panel). The regions of the original blots used in main figure have been denoted using red boxes.

### NeuN

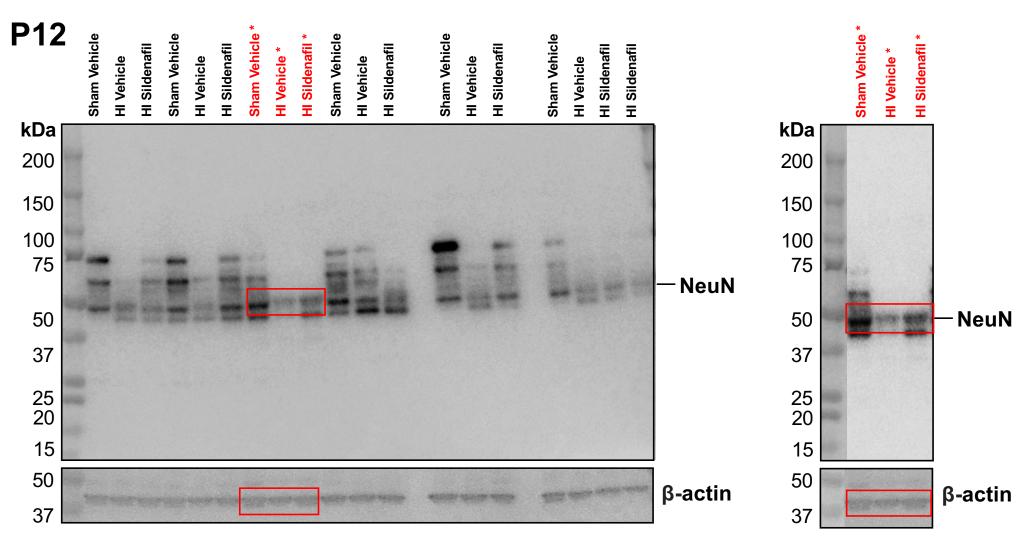


FIGURE 3D – P12: Western blotting for NeuN at P12, showing full-length western blots (on left panel) and representative samples chosen to be cropped for main Figure 3 (on right panel). The regions of the original blots used in main figure have been denoted using red boxes.

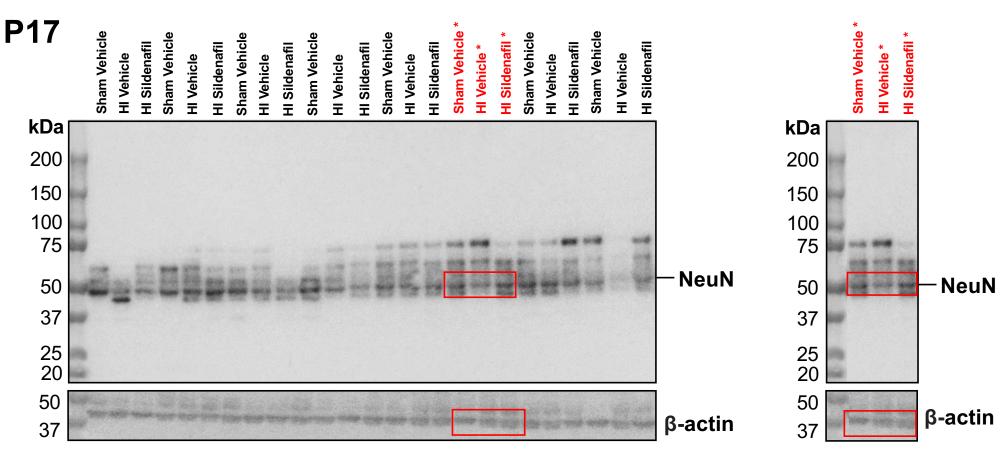


FIGURE 3D – P17: Western blotting for NeuN at P17, showing full-length western blots (on left panel) and representative samples chosen to be cropped for main Figure 3 (on right panel). The regions of the original blots used in main figure have been denoted using red boxes.

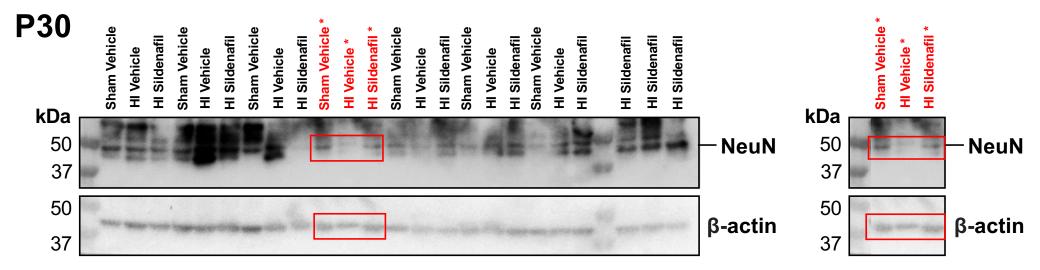


FIGURE 3D – P30: Western blotting for NeuN at P30, showing full-length western blots (on left panel) and representative samples chosen to be cropped for main Figure 3 (on right panel). The regions of the original blots used in main figure have been denoted using red boxes.

## Calretinin

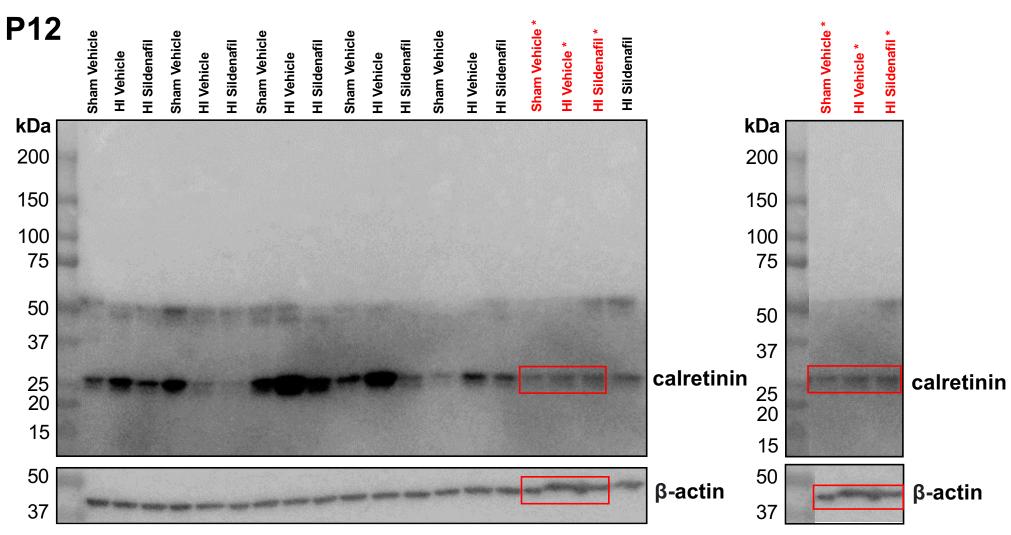


FIGURE 3E – P12: Western blotting for Calretinin at P12, showing full-length western blots (on left panel) and representative samples chosen to be cropped for main Figure 3 (on right panel). The regions of the original blots used in main figure have been denoted using red boxes.

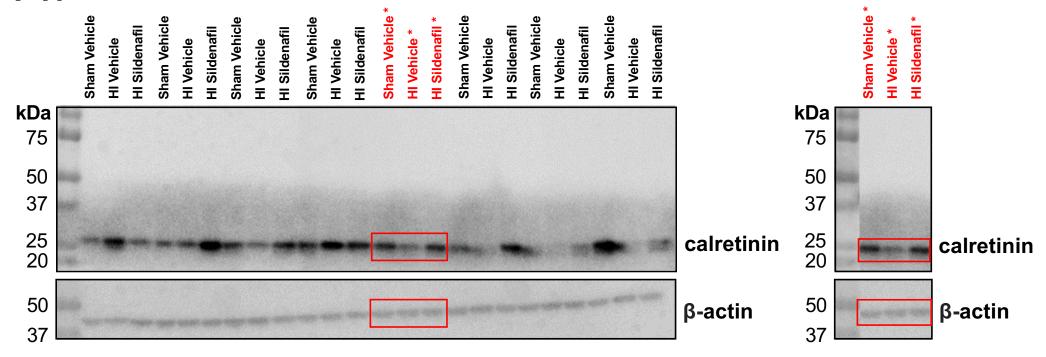


FIGURE 3E – P17: Western blotting for Calretinin at P17, showing full-length western blots (on left panel) and representative samples chosen to be cropped for main Figure 3 (on right panel). The regions of the original blots used in main figure have been denoted using red boxes.



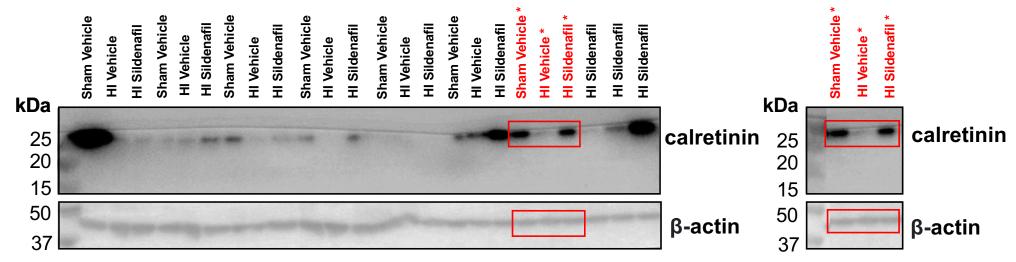


FIGURE 3E – P30: Western blotting for Calretinin at P30, showing full-length western blots (on left panel) and representative samples chosen to be cropped for main Figure 3 (on right panel). The regions of the original blots used in main figure have been denoted using red boxes.

# Calbindin

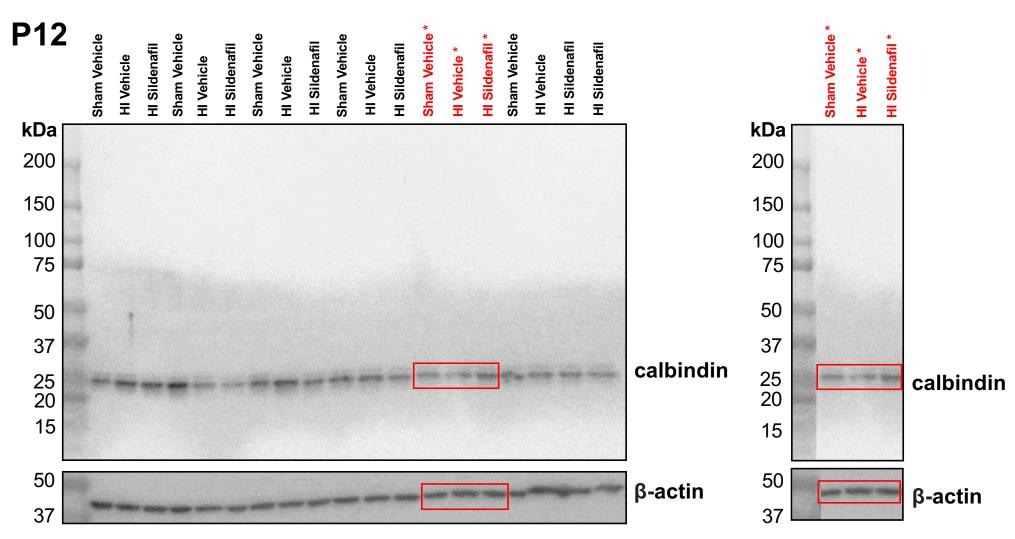


FIGURE 3F – P12: Western blotting for Calbindin at P12, showing full-length western blots (on left panel) and representative samples chosen to be cropped for main Figure 3 (on right panel). The regions of the original blots used in main figure have been denoted using red boxes.

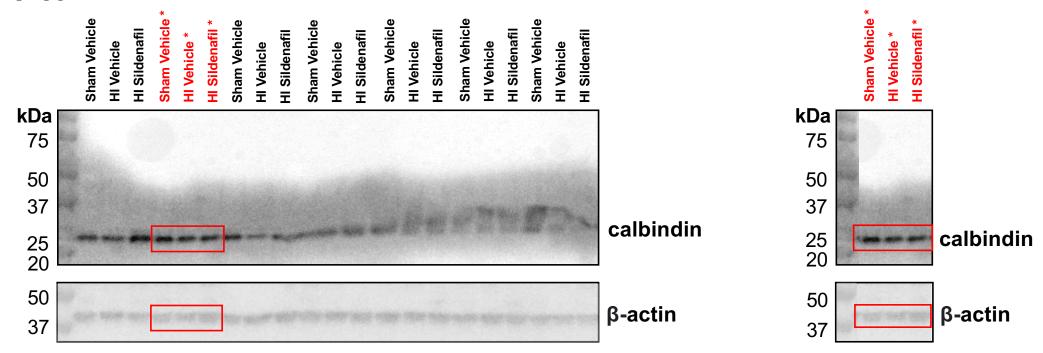


FIGURE 3F – P17: Western blotting for Calbindin at P17, showing full-length western blots (on left panel) and representative samples chosen to be cropped for main Figure 3 (on right panel). The regions of the original blots used in main figure have been denoted using red boxes.



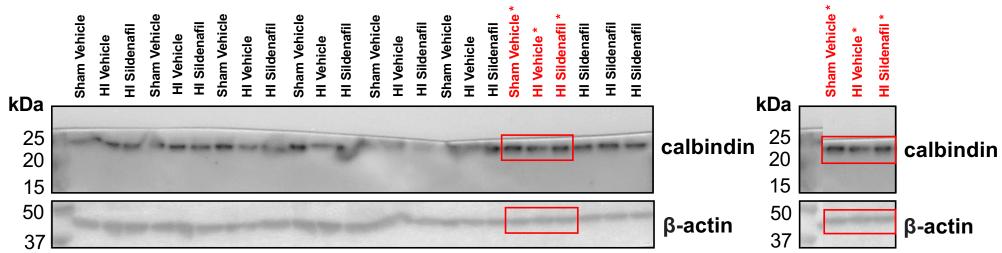


FIGURE 3F – P30: Western blotting for Calbindin at P30, showing full-length western blots (on left panel) and representative samples chosen to be cropped for main Figure 3 (on right panel). The regions of the original blots used in main figure have been denoted using red boxes.

### **PARP**

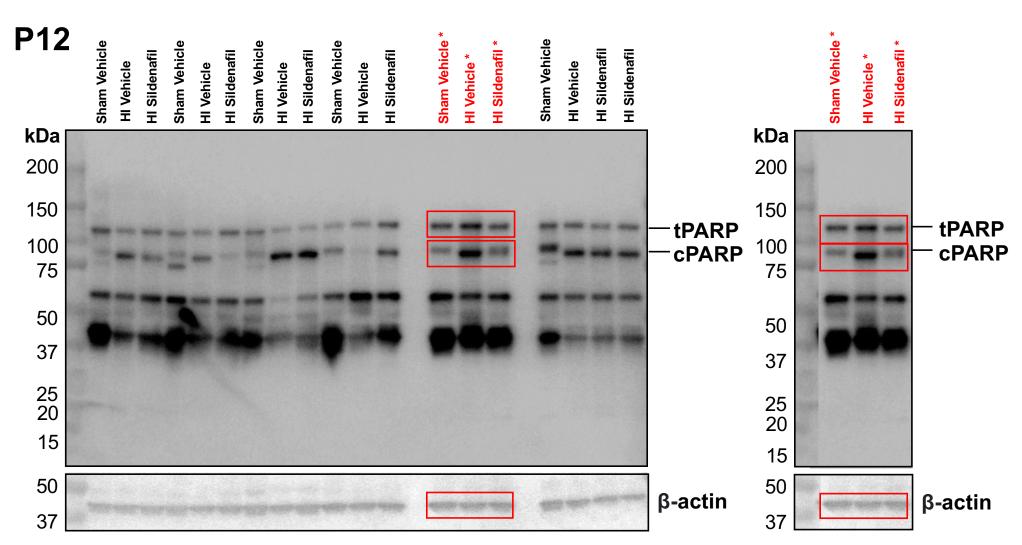


FIGURE 3G – P12: Western blotting for PARP at P12, showing full-length western blots (on left panel) and representative samples chosen to be cropped for main Figure 3 (on right panel). The regions of the original blots used in main figure have been denoted using red boxes.

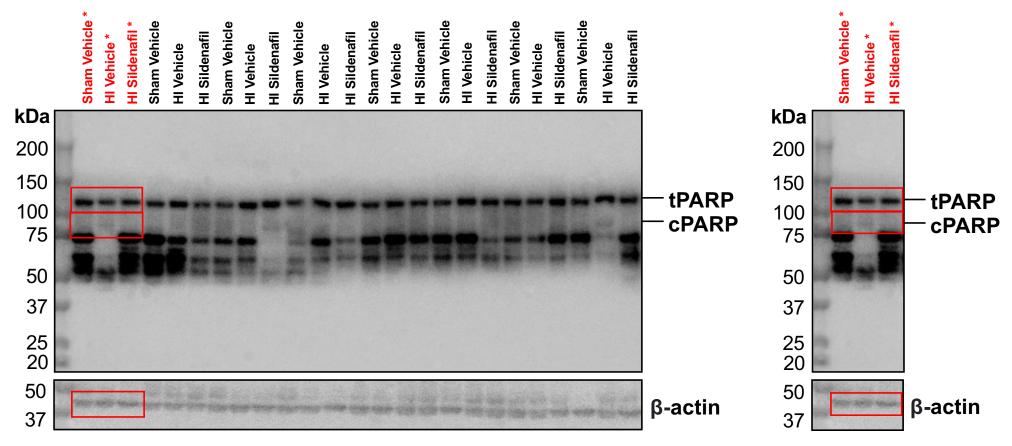


FIGURE 3G – P17: Western blotting for PARP at P17, showing full-length western blots (on left panel) and representative samples chosen to be cropped for main Figure 3 (on right panel). The regions of the original blots used in main figure have been denoted using red boxes.

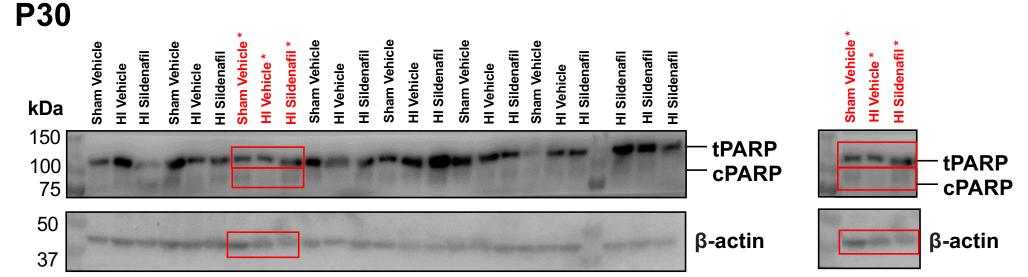


FIGURE 3G – P30: Western blotting for PARP at P30, showing full-length western blots (on left panel) and representative samples chosen to be cropped for main Figure 3 (on right panel). The regions of the original blots used in main figure have been denoted using red boxes.

### GAP43

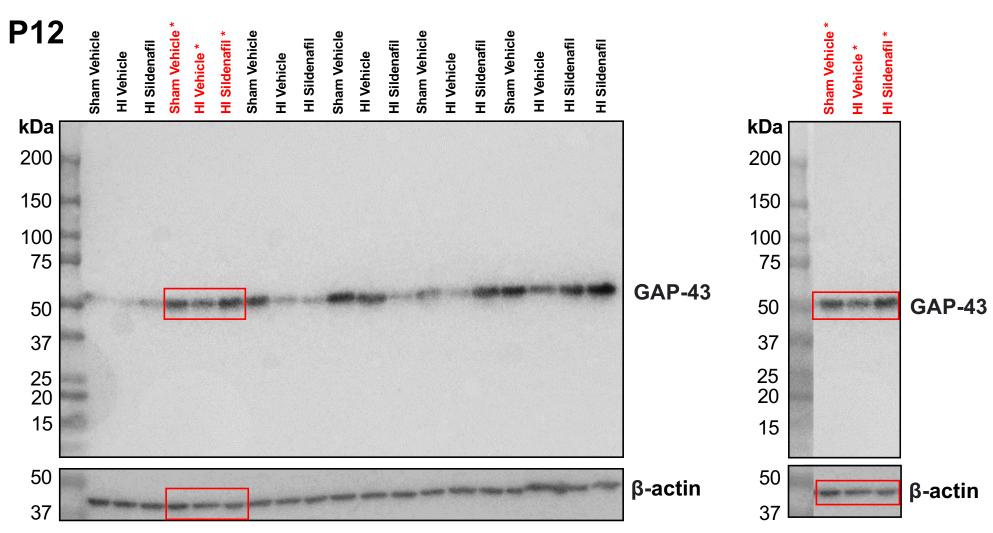


FIGURE 3H – P12: Western blotting for GAP-43 at P12, showing full-length western blots (on left panel) and representative samples chosen to be cropped for main Figure 3 (on right panel). The regions of the original blots used in main figure have been denoted using red boxes.

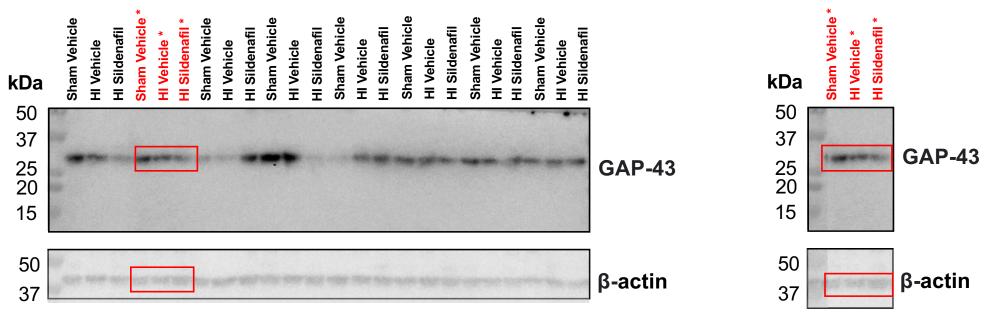


FIGURE 3H – P17: Western blotting for GAP-43 at P17, showing full-length western blots (on left panel) and representative samples chosen to be cropped for main Figure 3 (on right panel). The regions of the original blots used in main figure have been denoted using red boxes.

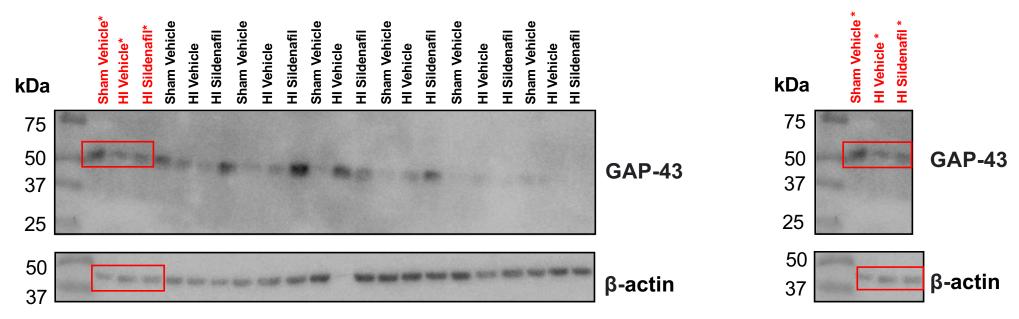


FIGURE 3H – P30: Western blotting for GAP-43 at P30, showing full-length western blots (on left panel) and representative samples chosen to be cropped for main Figure 3 (on right panel). The regions of the original blots used in main figure have been denoted using red boxes.

# pAKT

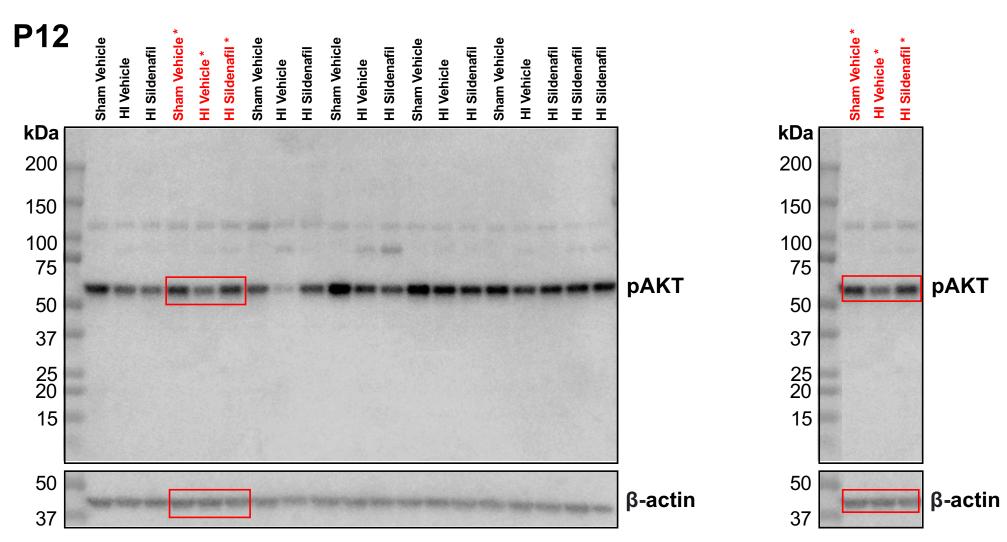


FIGURE 6A – P12: Western blotting for pAKT at P12, showing full-length western blots (on left panel) and representative samples chosen to be cropped for main Figure 3 (on right panel). The regions of the original blots used in main figure have been denoted using red boxes.

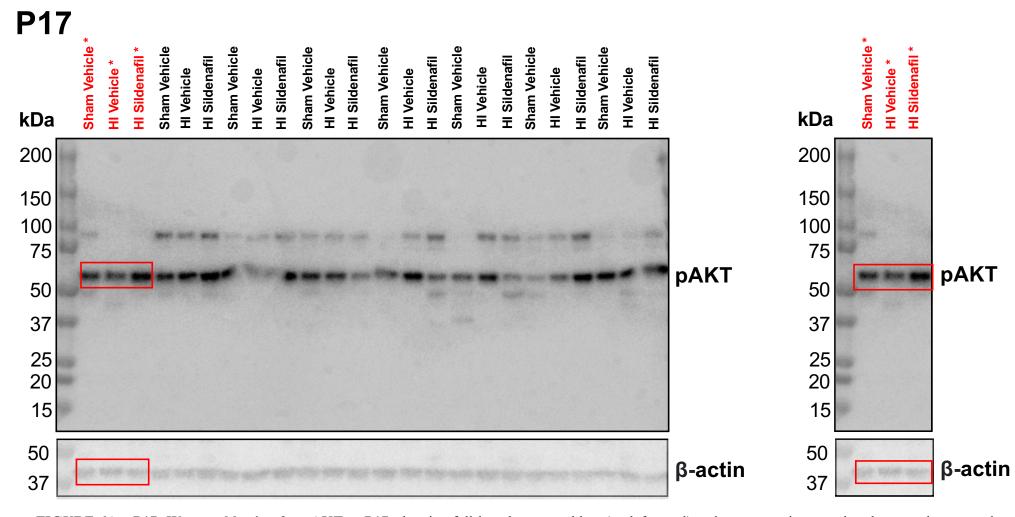


FIGURE 6A – P17: Western blotting for pAKT at P17, showing full-length western blots (on left panel) and representative samples chosen to be cropped for main Figure 3 (on right panel). The regions of the original blots used in main figure have been denoted using red boxes.

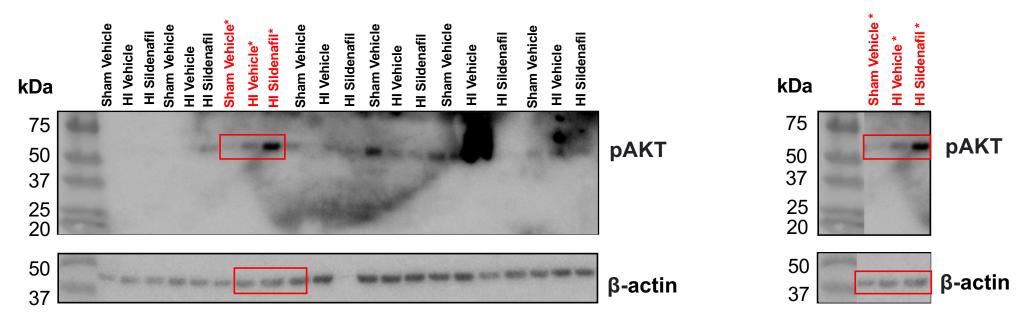


FIGURE 6A – P30: Western blotting for pAKT at P30, showing full-length western blots (on left panel) and representative samples chosen to be cropped for main Figure 3 (on right panel). The regions of the original blots used in main figure have been denoted using red boxes.

### mTOR2481

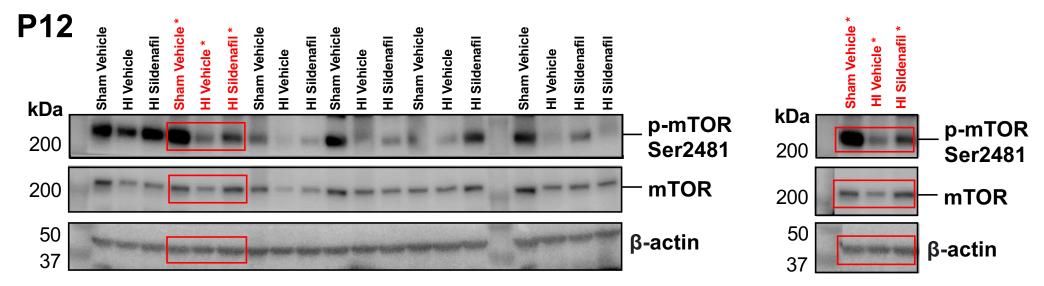


FIGURE 6B – P12: Western blotting for mTOR Ser 2481 at P12, showing full-length western blots (on left panel) and representative samples chosen to be cropped for main Figure 3 (on right panel). The regions of the original blots used in main figure have been denoted using red boxes.

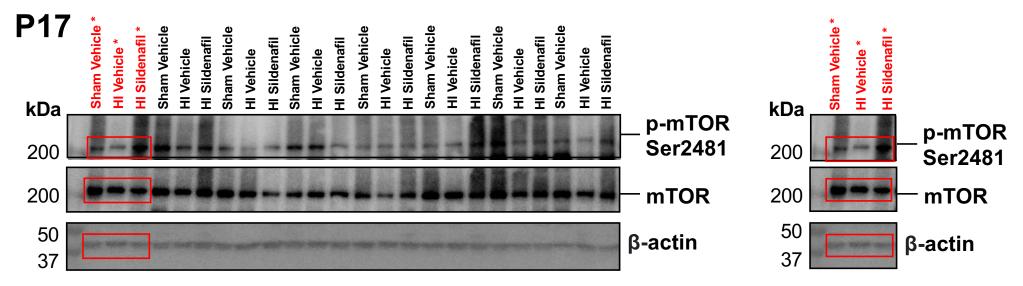


FIGURE 6B – P17: Western blotting for mTOR Ser 2481 at P17, showing full-length western blots (on left panel) and representative samples chosen to be cropped for main Figure 3 (on right panel). The regions of the original blots used in main figure have been denoted using red boxes.

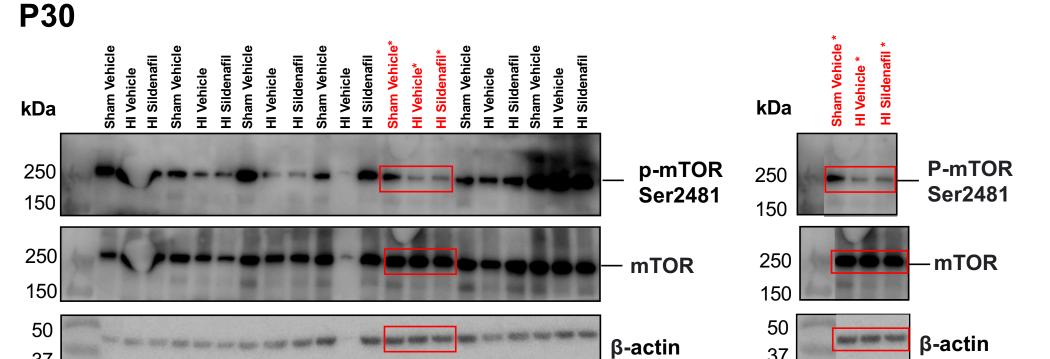


FIGURE 6B - P30: Western blotting for mTOR Ser 2481 at P30, showing full-length western blots (on left panel) and representative samples chosen to be cropped for main Figure 3 (on right panel). The regions of the original blots used in main figure have been denoted using red boxes.

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### mTOR 2448

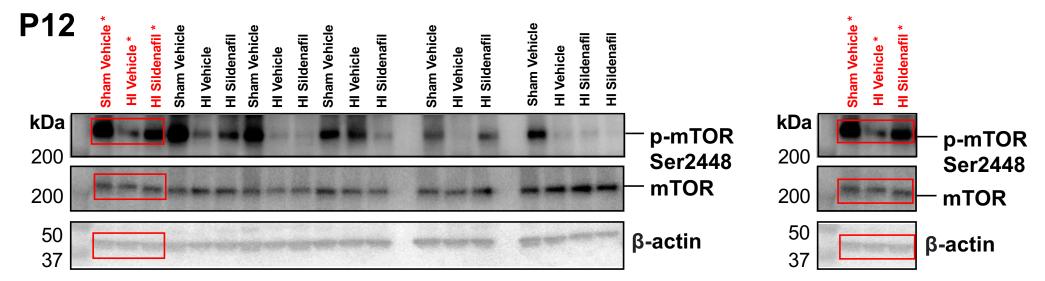


FIGURE 6C – P12: Western blotting for mTOR Ser 2448 at P12, showing full-length western blots (on left panel) and representative samples chosen to be cropped for main Figure 3 (on right panel). The regions of the original blots used in main figure have been denoted using red boxes.

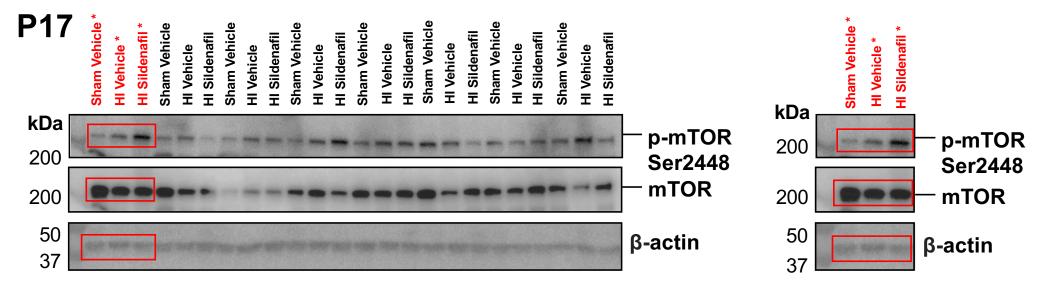


FIGURE 6C – P17: Western blotting for mTOR Ser 2448 at P17, showing full-length western blots (on left panel) and representative samples chosen to be cropped for main Figure 3 (on right panel). The regions of the original blots used in main figure have been denoted using red boxes.

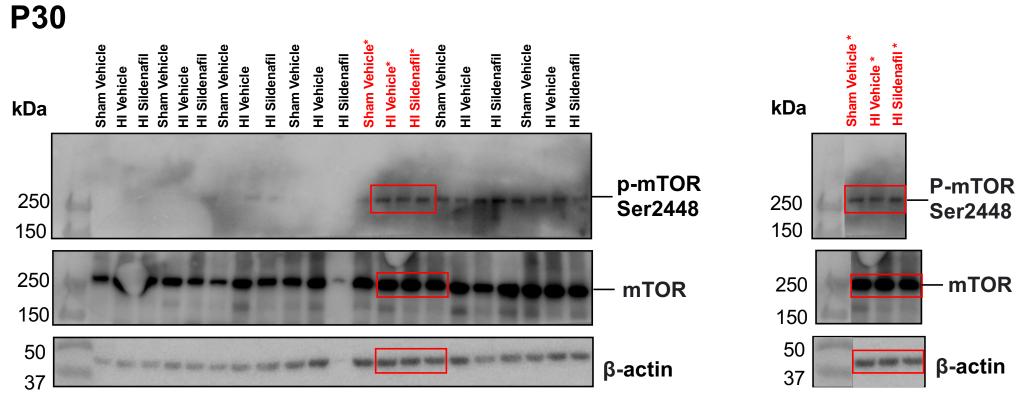


FIGURE 6C – P30: Western blotting for mTOR Ser 2448 at P30, showing full-length western blots (on left panel) and representative samples chosen to be cropped for main Figure 3 (on right panel). The regions of the original blots used in main figure have been denoted using red boxes.