

Figure S1: Western blot membrane of PPARG (58 kDa), FABP4 (15 kDa), C/EBPα (43 kDa), ATGL (55kDa) and β-actin (42kDa) protein detected with anti-PPARG (1:1000; ABCAM, Cambridge, UK), anti-FABP4 (1:1000; ABCAM, Cambridge, UK), anti- C/EBPα (1:1000; ABCAM, Cambridge, UK), anti- ATGL (1:1000; ABCAM, Cambridge, UK) and anti-β-actin (1:1000; ABCAM, Cambridge, UK) antibodies, respectively

Figure 4D C/EBP α

43kDa

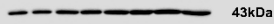


Figure 4D PPARG

58kDa



Figure 4D ATGL

55kDa



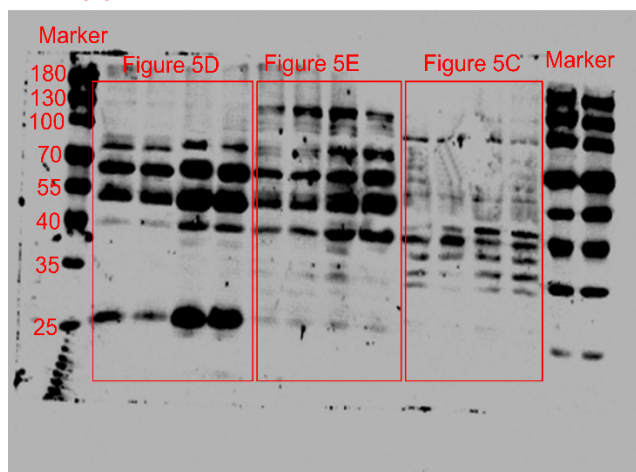
Figure 4D β -actin

42kDa



Figure S2: Western blot membrane of PPARG (58 kDa), C/EBP α (43 kDa), ATGL (55kDa) and β -actin (42kDa) protein detected with anti-PPARG (1:1000; ABCAM, Cambridge, UK), anti- C/EBP α (1:1000; ABCAM, Cambridge, UK), anti- ATGL (1:1000; ABCAM, Cambridge, UK) and anti- β -actin (1:1000; ABCAM, Cambridge, UK) antibodies, respectively.

Succinyllysine



β -actin

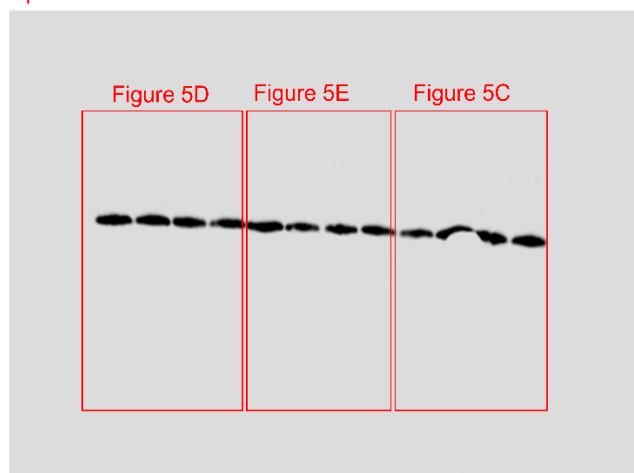


Figure S3: Western blot membrane of succinyllysine and β -actin (42kDa) protein detected with anti-succinyllysine (1:1000; ABCAM, Cambridge, UK) and anti- β -actin (1:1000; ABCAM, Cambridge, UK) antibodies, respectively.

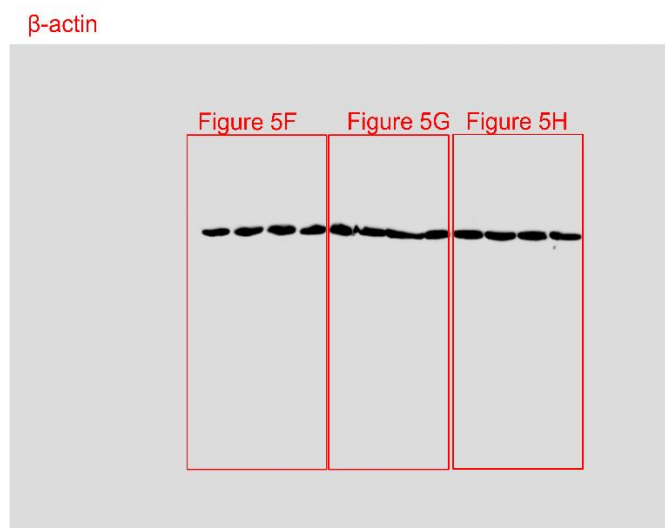
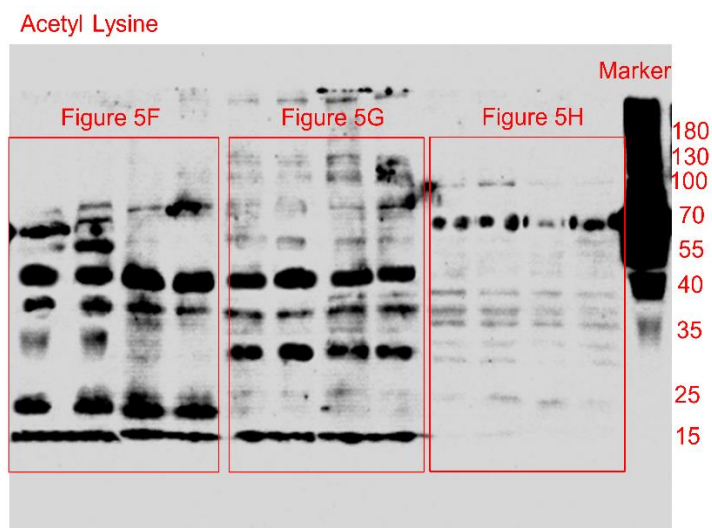


Figure S4: Western blot membrane of acetyl Lysine and β -actin (42kDa) protein detected with an-ti-acetyl Lysine (1:1000; ABCAM, Cambridge, UK) and anti- β -actin (1:1000; ABCAM, Cambridge, UK) antibodies, respectively.

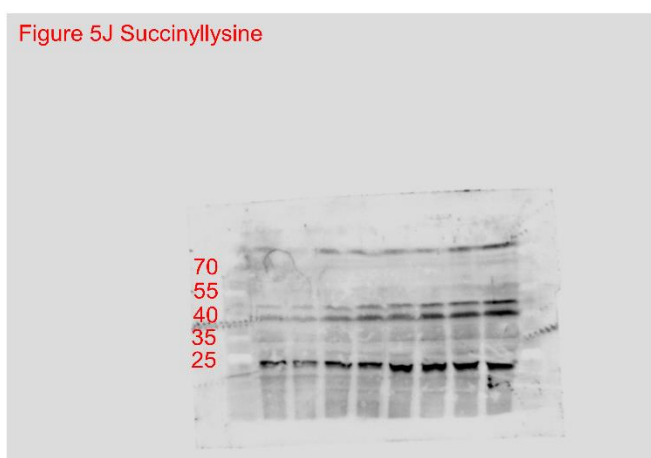
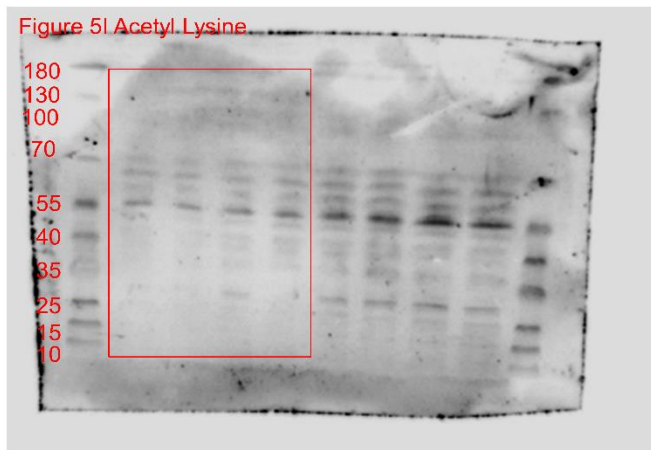


Figure S5: Western blot membrane of succinyllysine, acetyl Lysine and β -actin (42kDa) protein detected with anti-succinyllysine (1:1000; ABCAM, Cambridge, UK), anti-acetyl Lysine (1:1000; ABCAM, Cambridge, UK) and anti- β -actin (1:1000; ABCAM, Cambridge, UK) antibodies, respectively.