Figure 2 (Lanes highlighted in red are not included in this study)
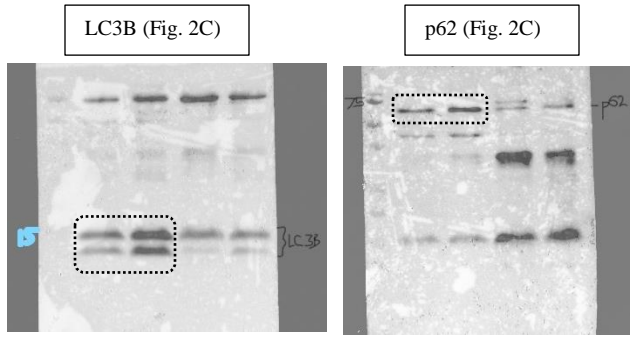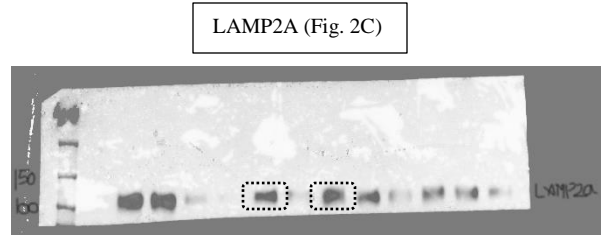
Loading order: Ladder->NHBF->DHBF-> X->X

Loading order: Ladder->gap->X->X->X->X->NHBF->X-
>DHBF->X-> X->X->X->X

LC3B (Fig. 2C)

p62 (Fig. 2C)

LAMP2A (Fig. 2C)

Loading order: Ladder-> X->X->X->X->NHBF->NHBF+E64d+PepA->DHBF-
>DHBF+E64d+PepA->X->X->X->X
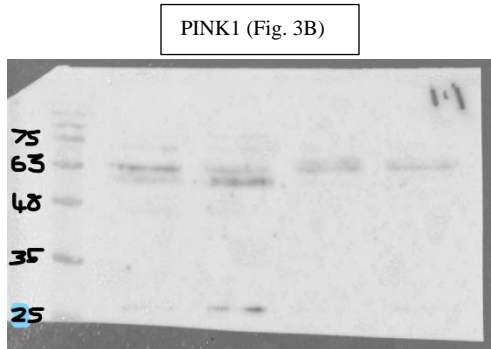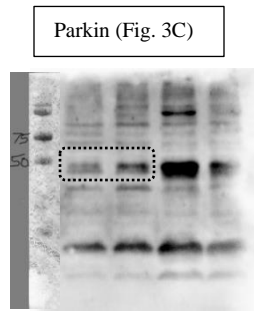
LC3B (Fig. 2F)
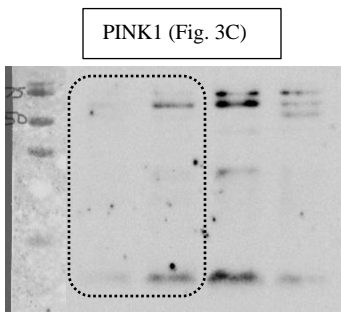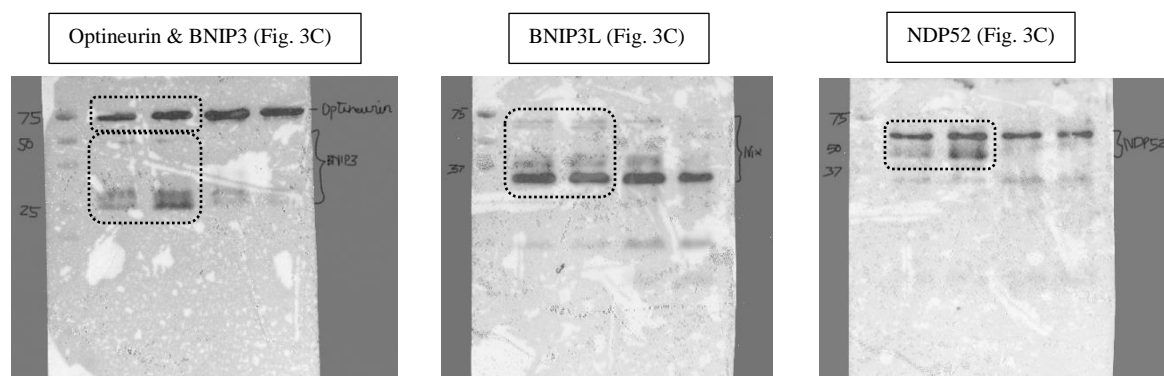
p62 (Fig. 2F)
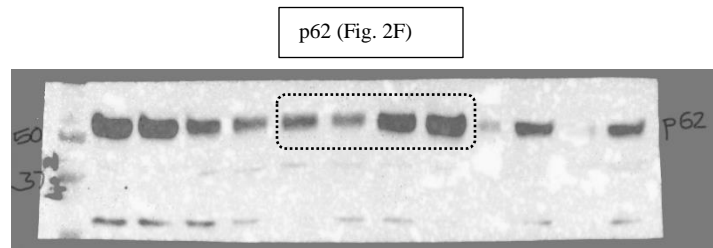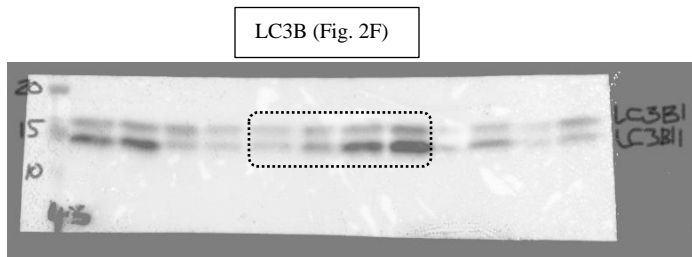
Figure 3

Loading order: Ladder-> NHBF (12h)-> NHBF (24h)->DHBF (12h)-> DHBF (24h)

PINK1 (Fig. 3B)

Loading order: Ladder-> NHBF->DHBF-> X->X

PINK1 (Fig. 3C)

Parkin (Fig. 3C)

Optineurin & BNIP3 (Fig. 3C)

BNIP3L (Fig. 3C)

NDP52 (Fig. 3C)

Loading order: Ladder-> X->X->X->X-> NHBF->NHBF+E64d+PepA->DHBF->DHBF+E64d+PepA->X->X->X->X

PINK1 (Fig. 3D)
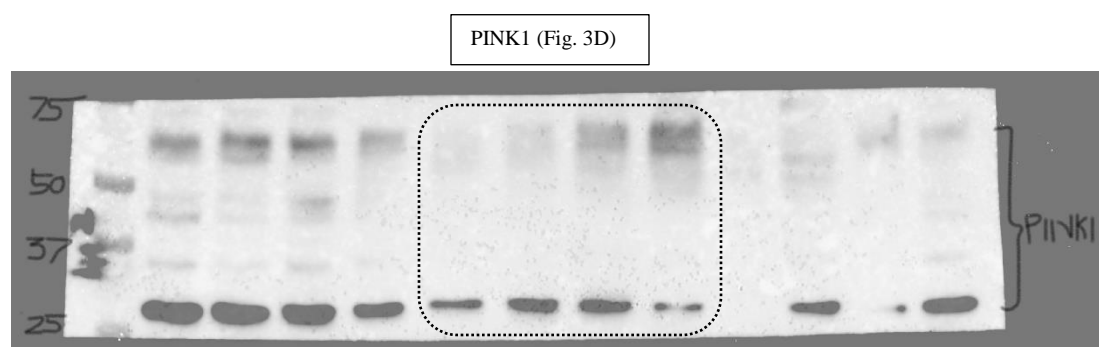
Figure 5

Loading order: Ladder->gap->NHBF->X->DHBF->X

p-AMPKα (Fig. 5A)

AMPKα (Fig. 5A)
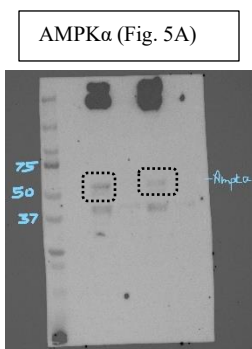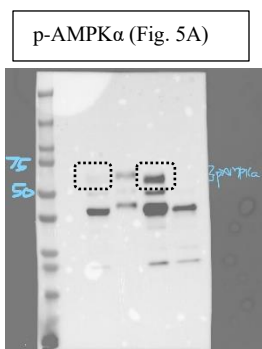
Loading order: X->X->X->NHBF->DHBF->X->X->X->X

SIRT1 (Fig. 5B)

PGC1α (Fig. 5B)