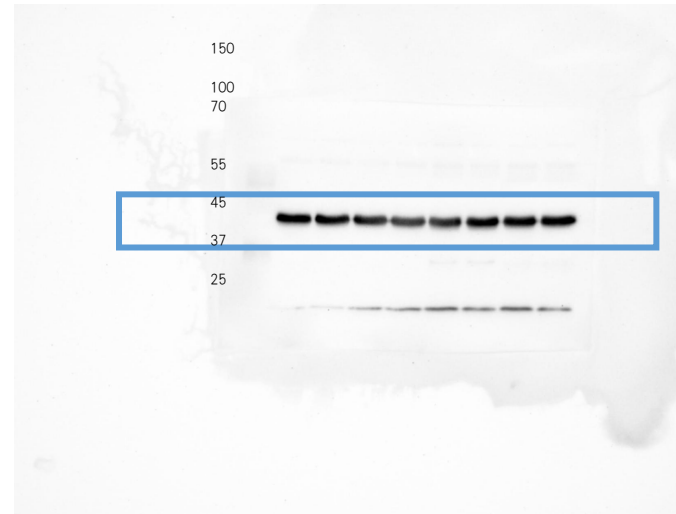


CAT(60 kDa)

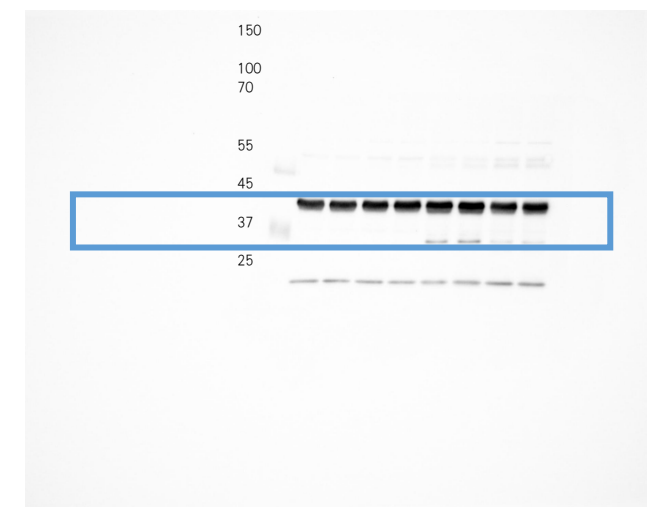
YC YC YA YA OC OC OA OA



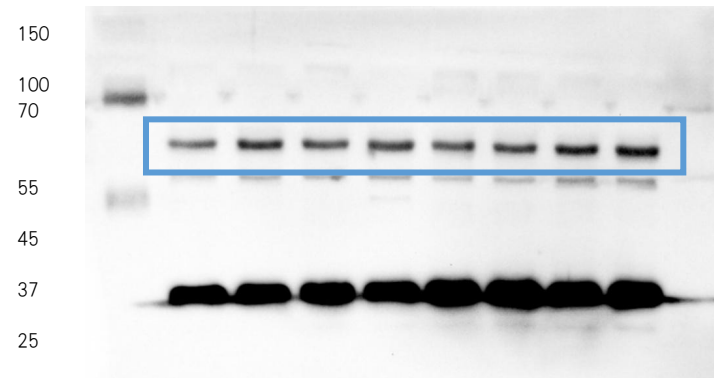
YC YC YA YA OC OC OA OA



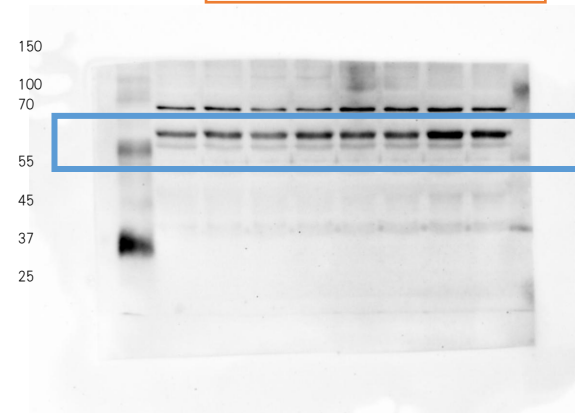
YC YC YA YA OC OC OA OA



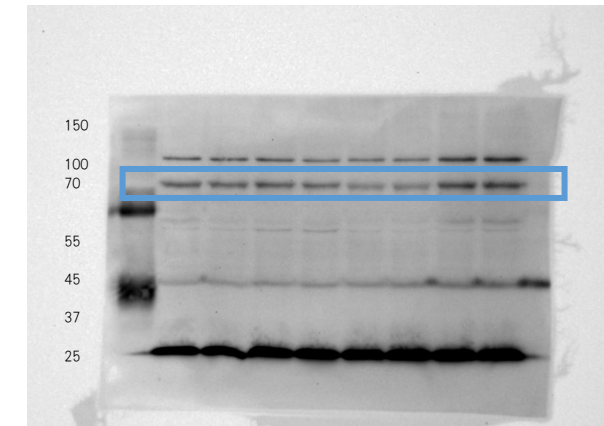
GAPDH



GAPDH



GAPDH

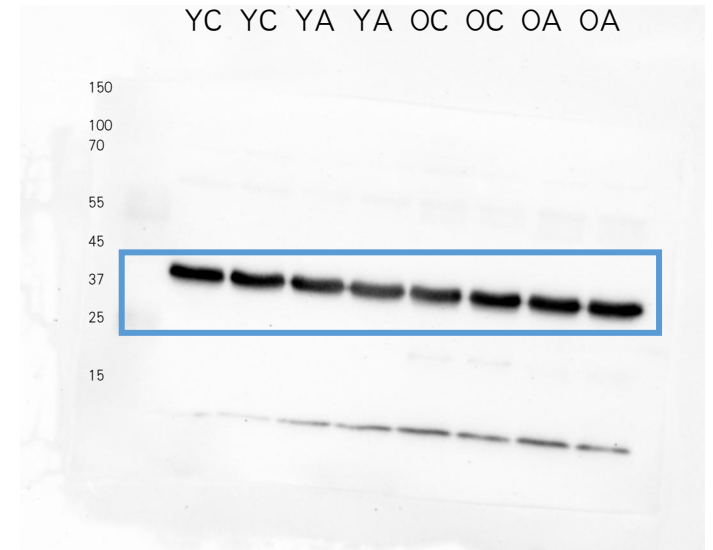
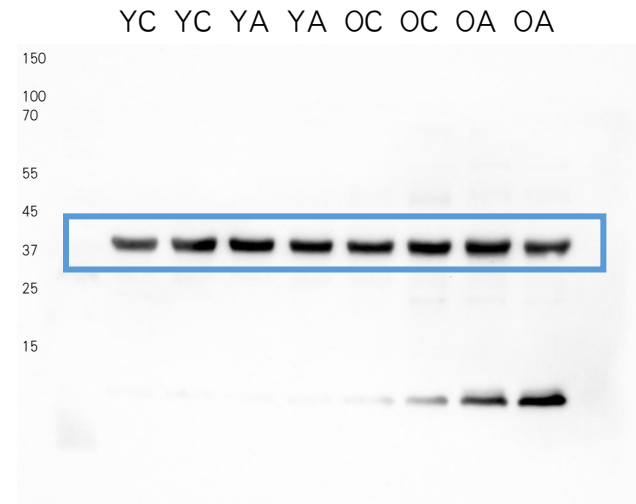
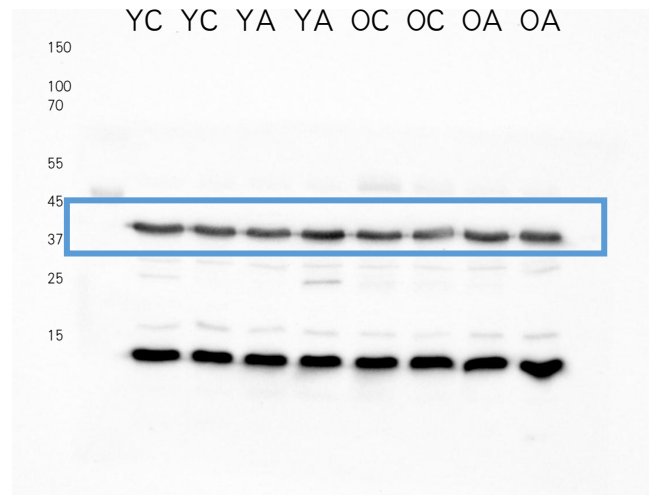


CAT

CAT

CAT

SOD1(15 kDa)

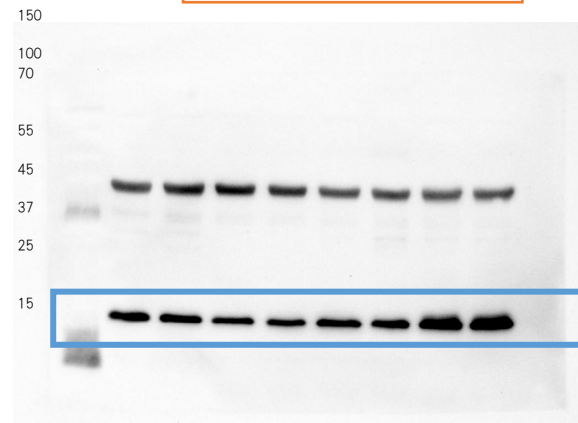


GAPDH



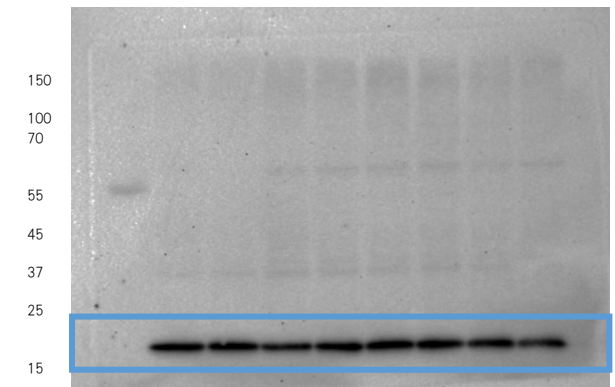
SOD1

GAPDH



SOD1

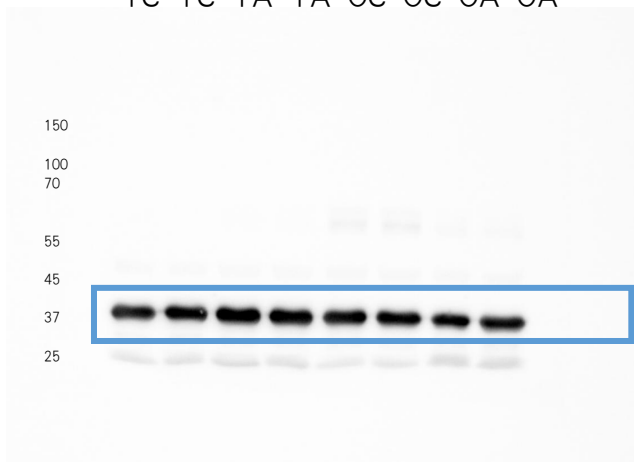
GAPDH



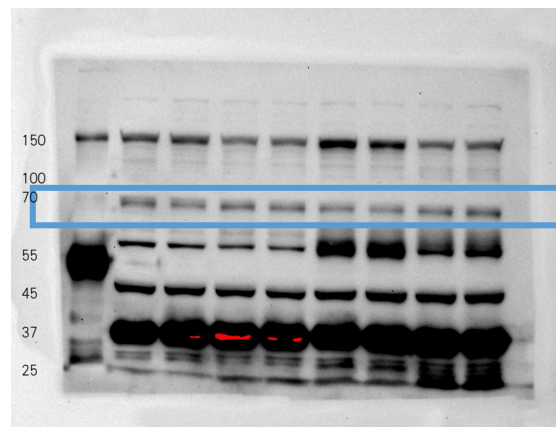
SOD1

## Sestrin1(68 kDa)

YC YC YA YA OC OC OA OA

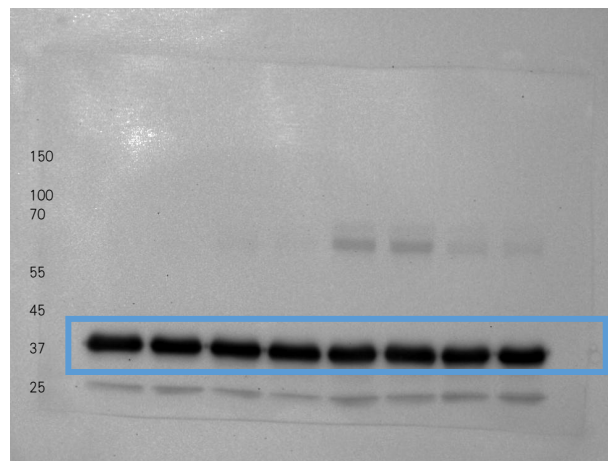


GAPDH

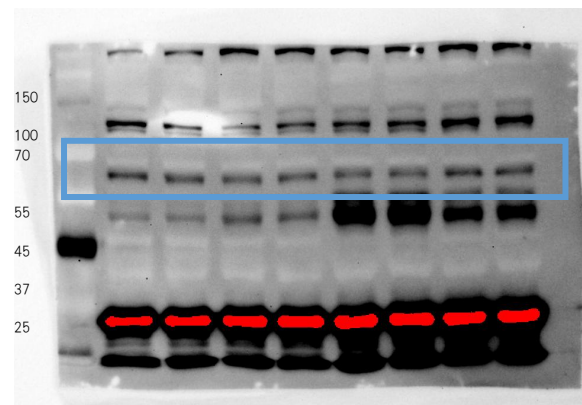


Sestrin1

YC YC YA YA OC OC OA OA

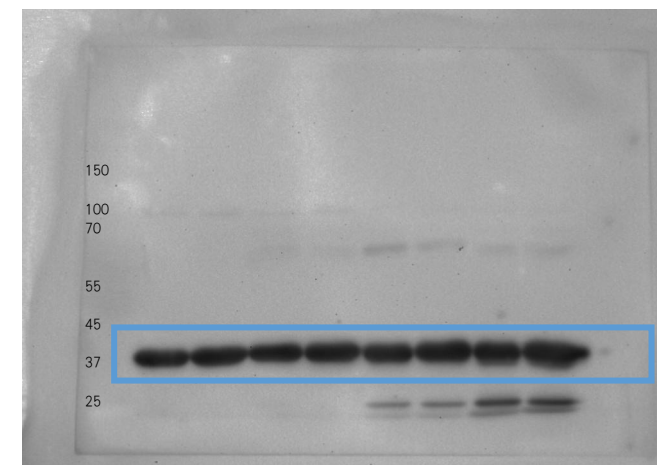


GAPDH

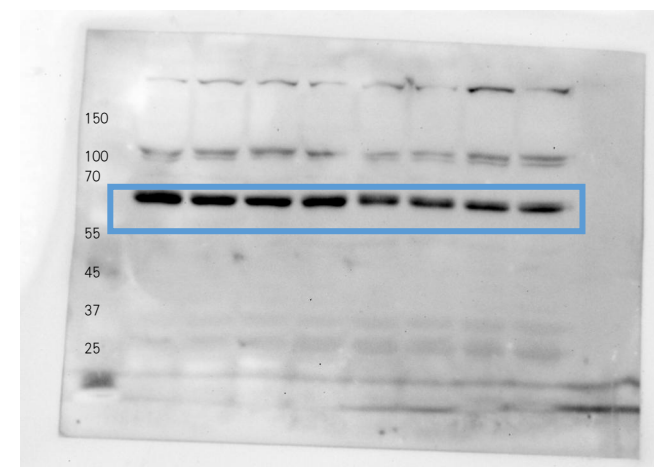


Sestrin1

YC YC YA YA OC OC OA OA



GAPDH



Sestrin1

AMPK(62 kDa)

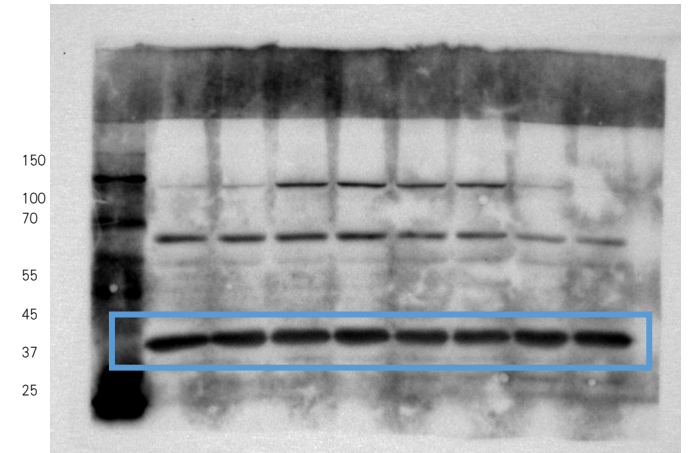
YC YC YA YA OC OC OA OA



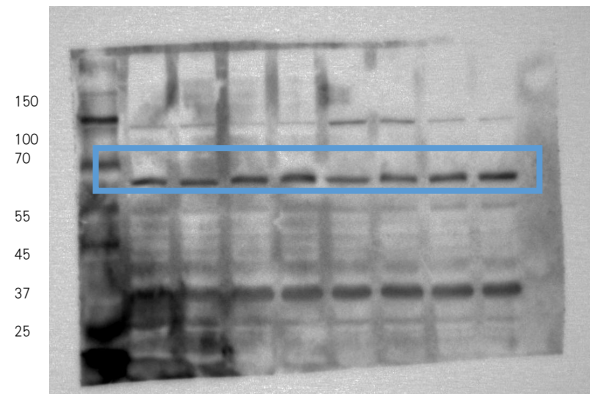
YC YC YA YA OC OC OA OA



YC YC YA YA OC OC OA OA

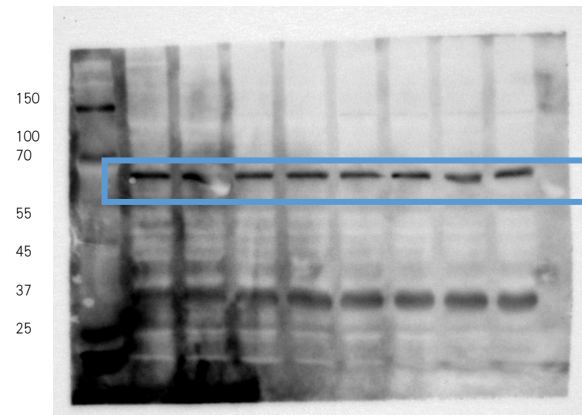


GAPDH



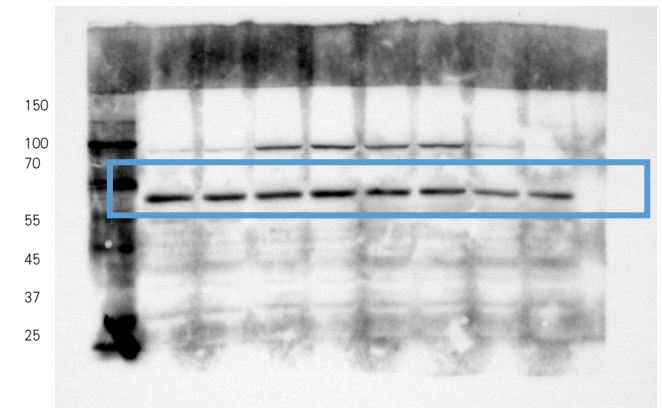
AMPK

GAPDH



AMPK

GAPDH



AMPK



p-AMPK(62 kDa)

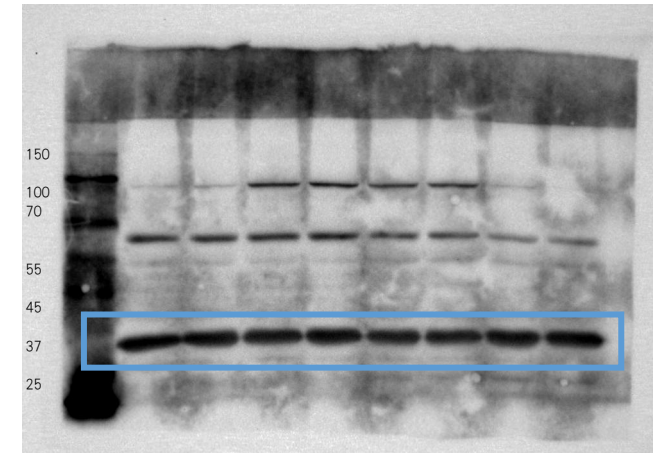
YC YC YA YA OC OC OA OA



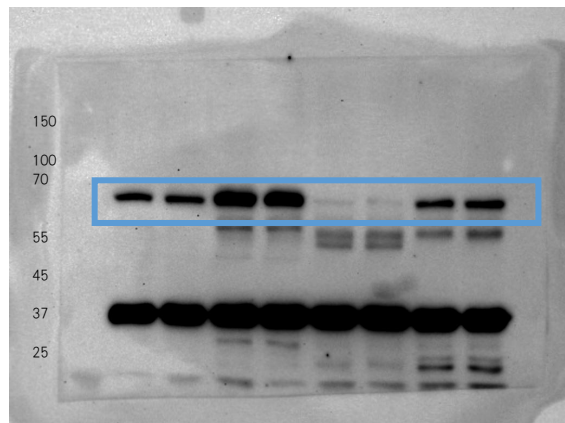
YC YC YA YA OC OC OA OA



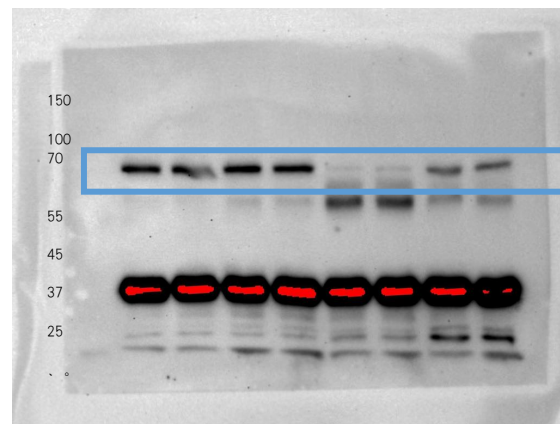
YC YC YA YA OC OC OA OA



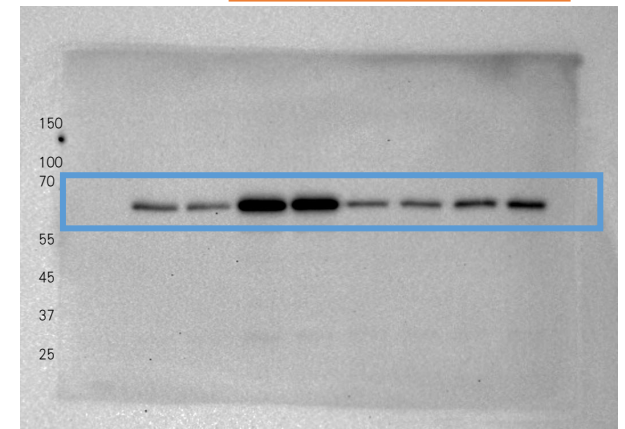
GAPDH



GAPDH



GAPDH



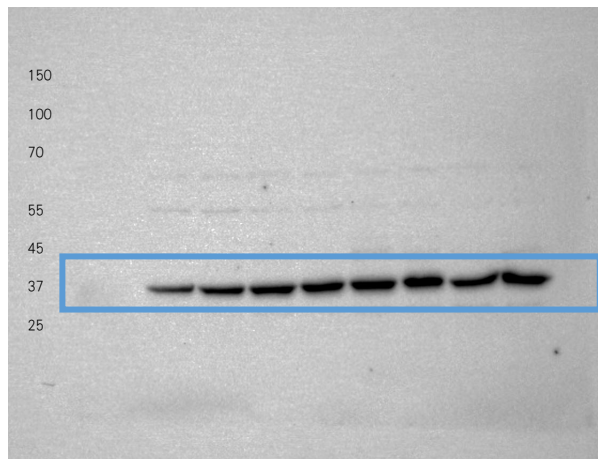
p-AMPK

p-AMPK

p-AMPK

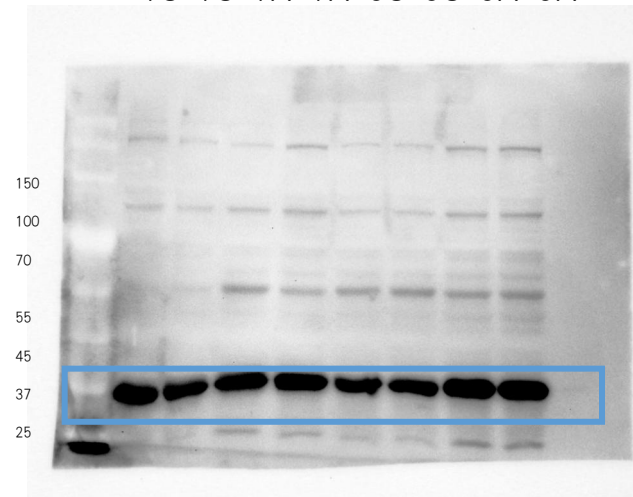
PGC-1  $\alpha$  (93 kDa)

YC YC YA YA OC OC OA OA



GAPDH

YC YC YA YA OC OC OA OA

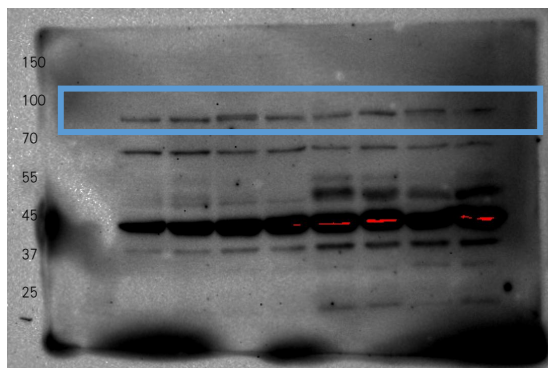


GAPDH

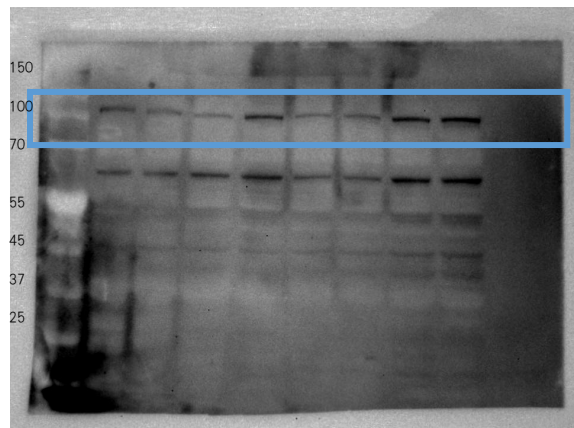
YC YC YA YA OC OC OA OA



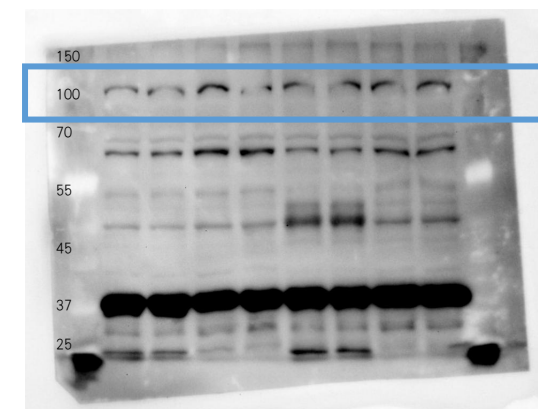
GAPDH



PGC-1  $\alpha$



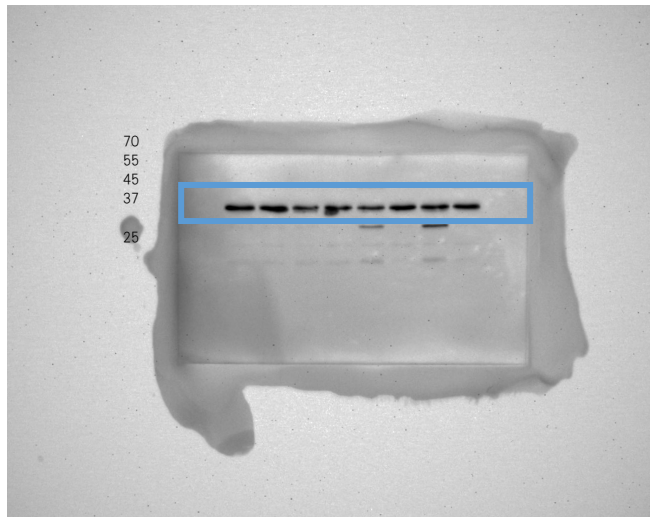
PGC-1  $\alpha$



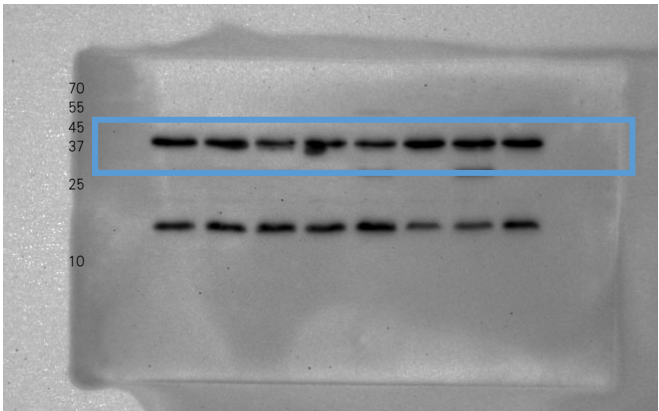
PGC-1  $\alpha$

COX-IV(17 kDa)

YC YC YA YA OC OC OA OA



GAPDH



COX-IV

YC YC YA YA OC OC OA OA



GAPDH



COX-IV

YC YC YA YA OC OC OA OA



GAPDH

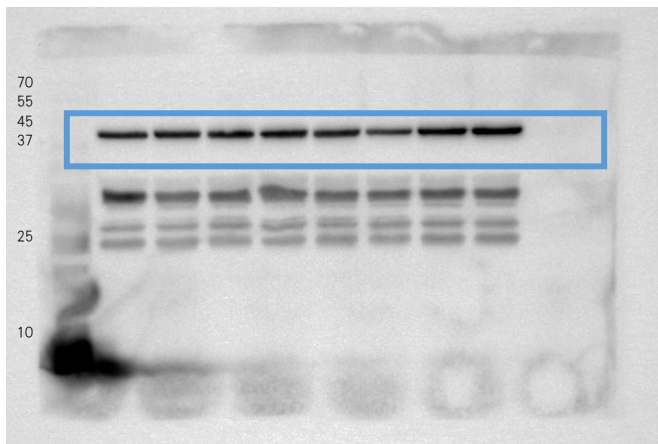


COX-IV

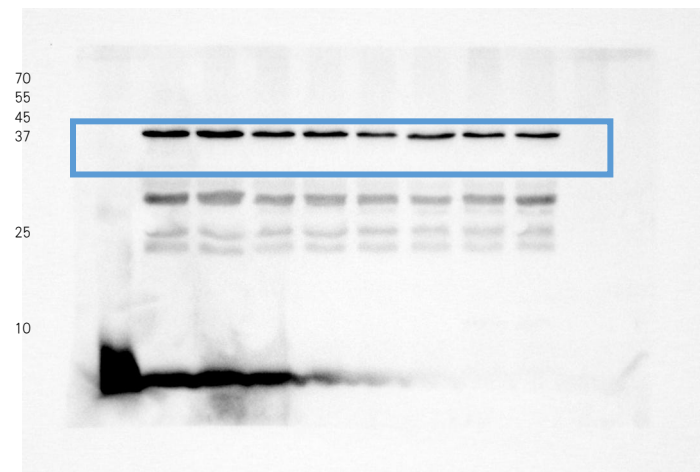


VDAC1/2(31 kDa)

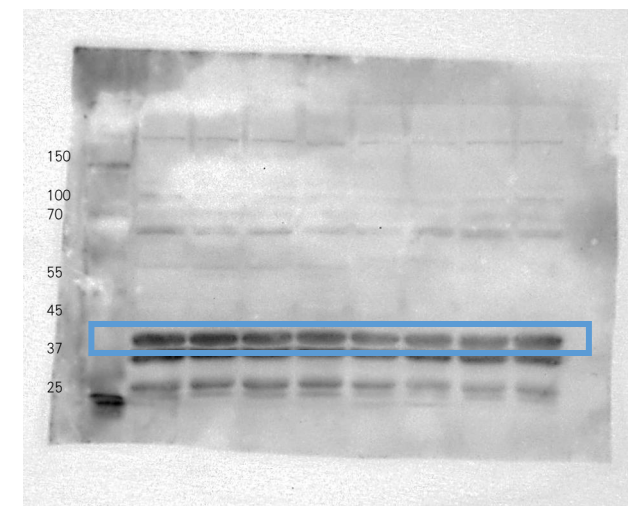
YC YC YA YA OC OC OA OA



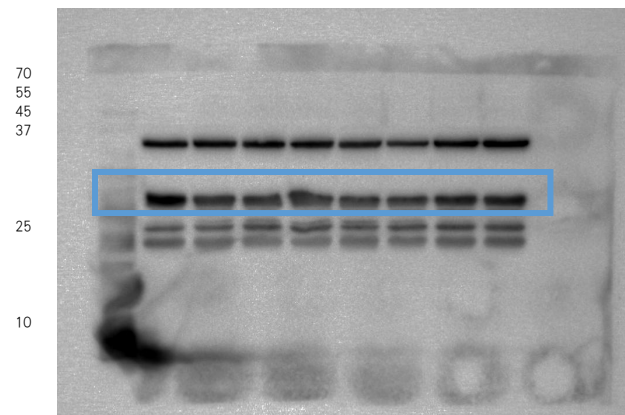
YC YC YA YA OC OC OA OA



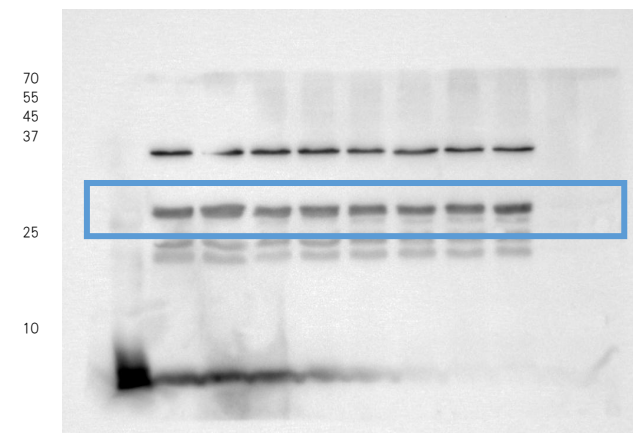
YC YC YA YA OC OC OA OA



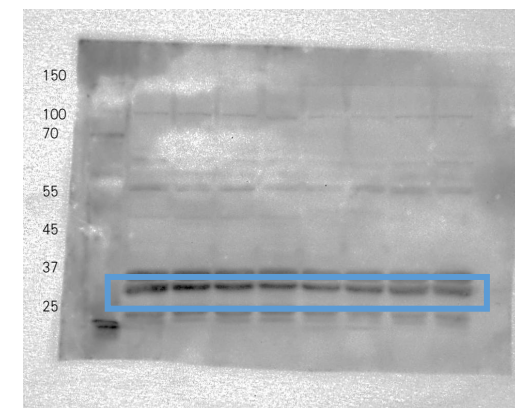
GAPDH



GAPDH



GAPDH



VDAC1/2

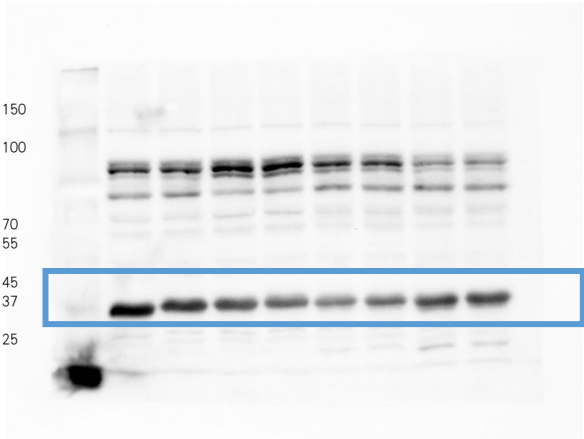
VDAC1/2

VDAC1/2

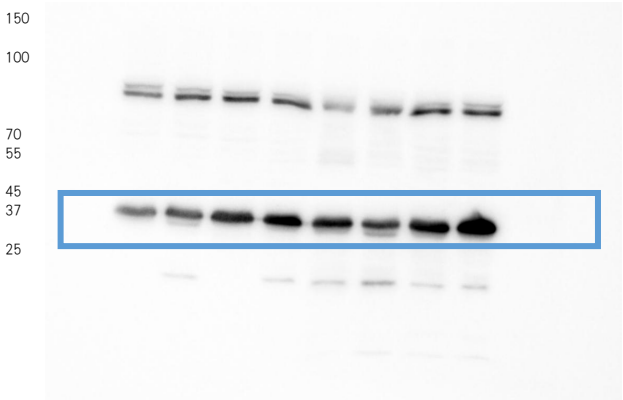


DRP1(78kDa)

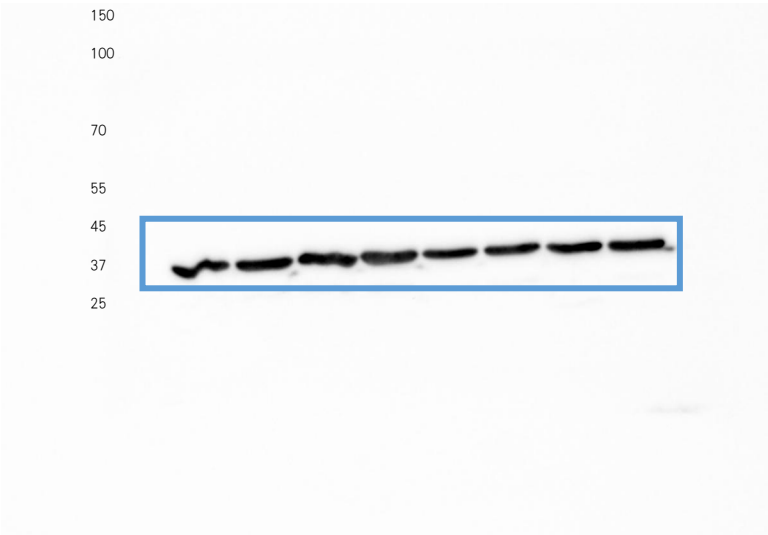
YC YC YA YA OC OC OA OA



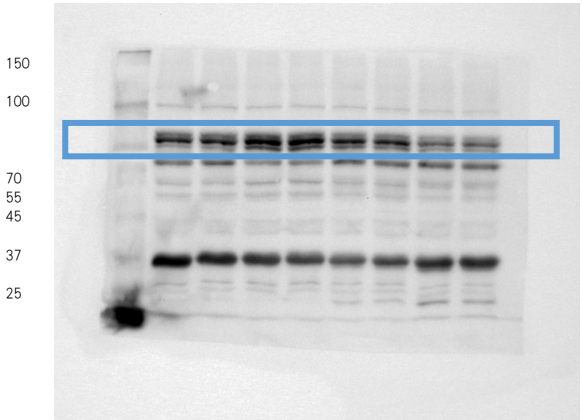
YC YC YA YA OC OC OA OA



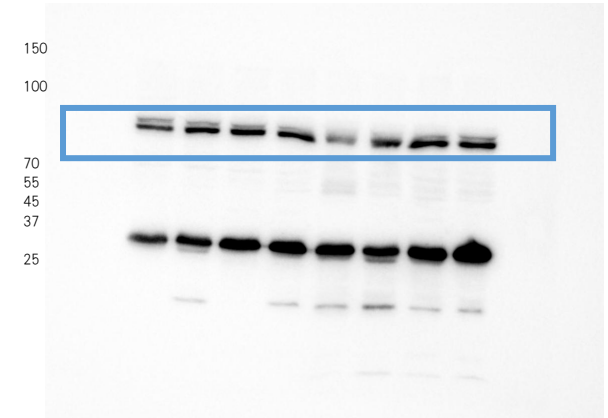
YC YC YA YA OC OC OA OA



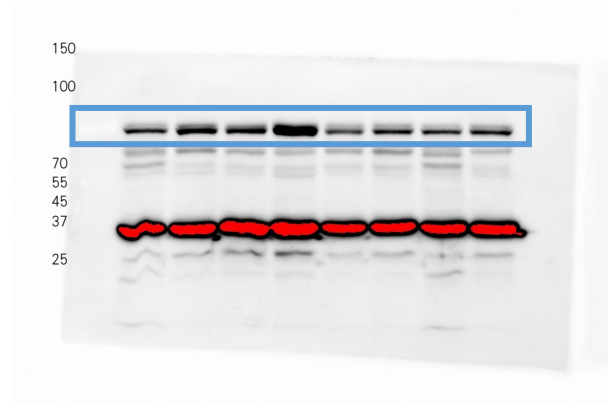
GAPDH



GAPDH



GAPDH



DRP1



DRP1

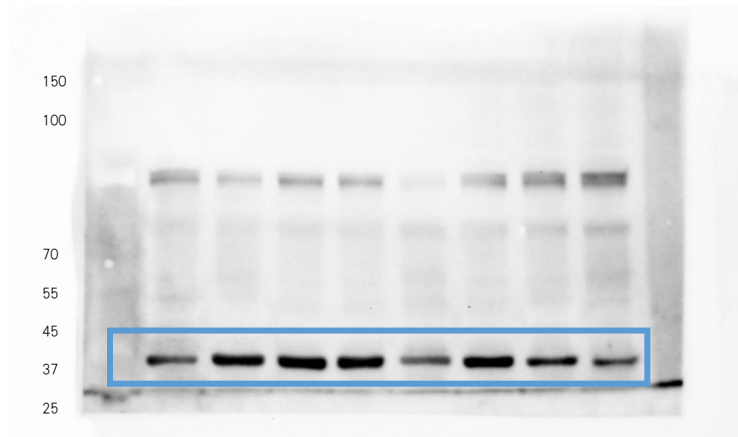


DRP1



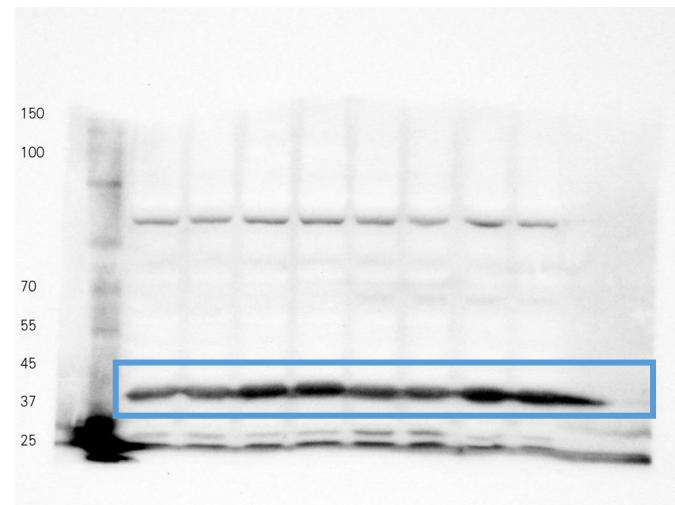
MFN2(86 kDa)

YC YC YA YA OC OC OA OA



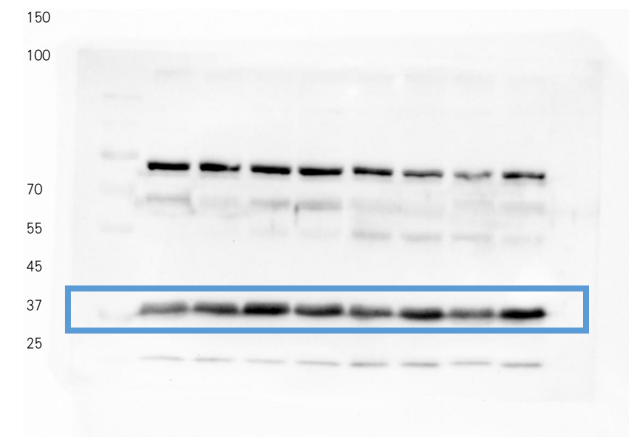
GAPDH

YC YC YA YA OC OC OA OA

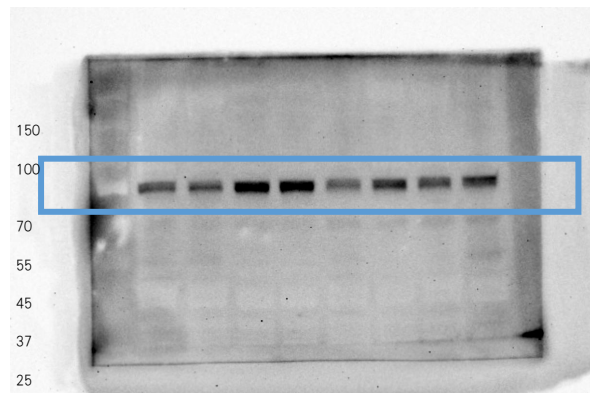


GAPDH

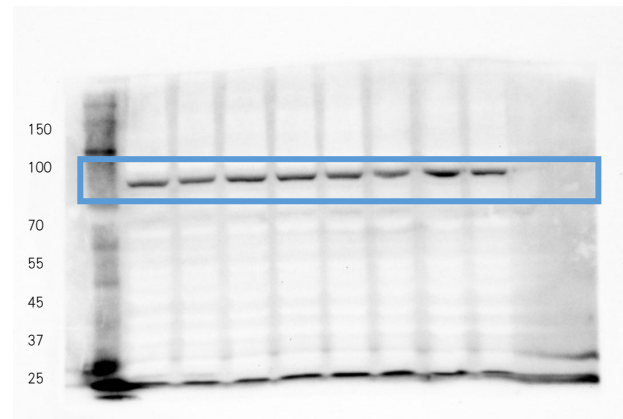
YC YC YA YA OC OC OA OA



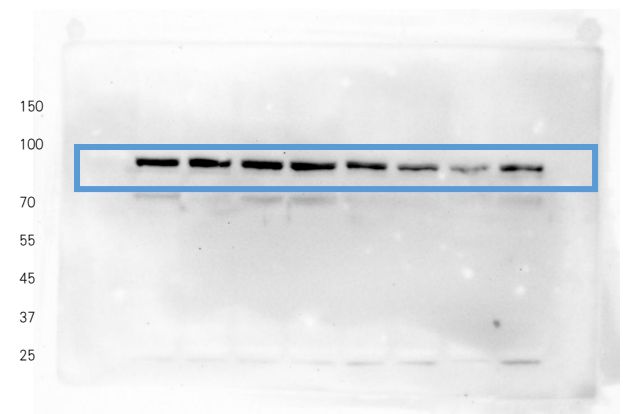
GAPDH



MFN2



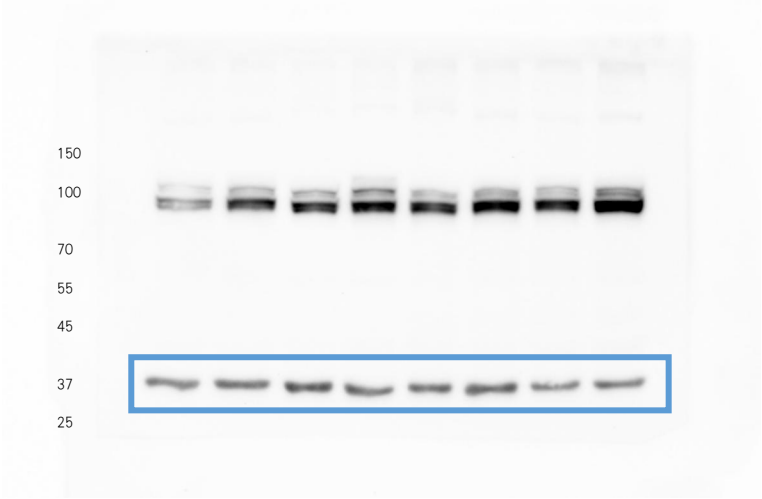
MFN2



MFN2

OPA1(80–100 kDa)

YC YC YA YA OC OC OA OA



GAPDH

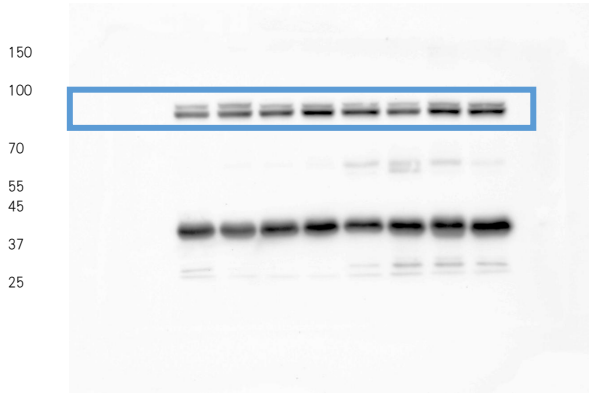


OPA1

YC YC YA YA OC OC OA OA

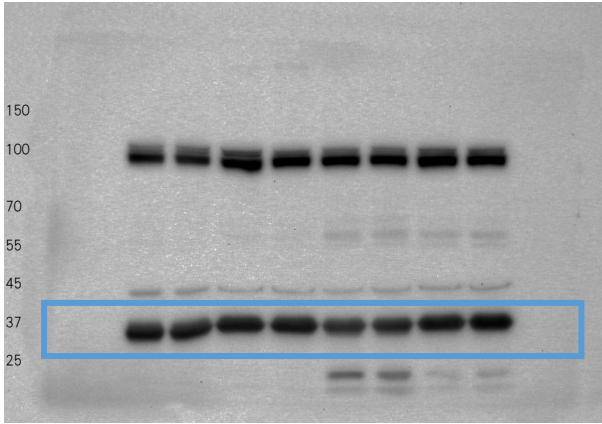


GAPDH

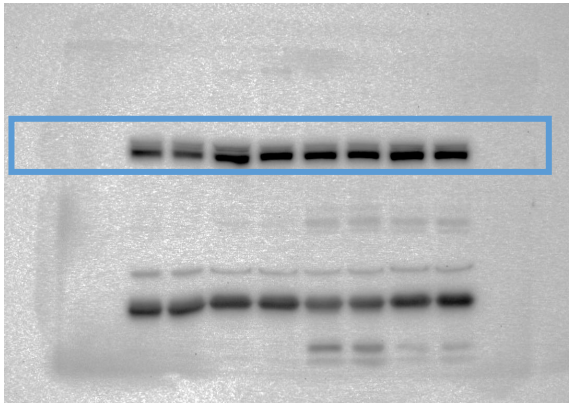


OPA1

YC YC YA YA OC OC OA OA



GAPDH



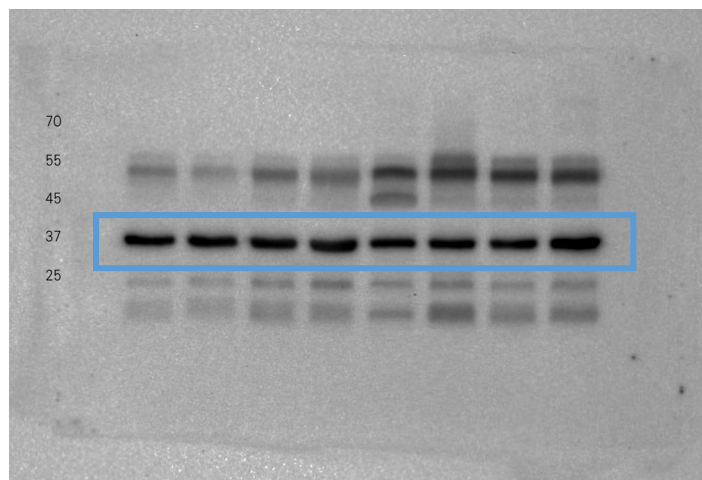
OPA1

PGAM5(32 kDa)

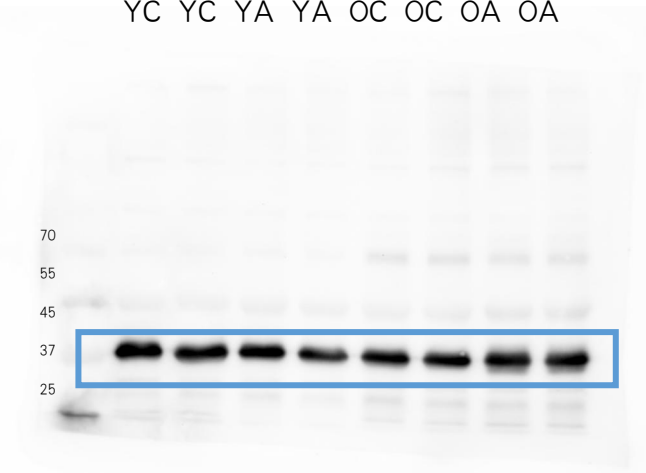
YC YC YA YA OC OC OA OA



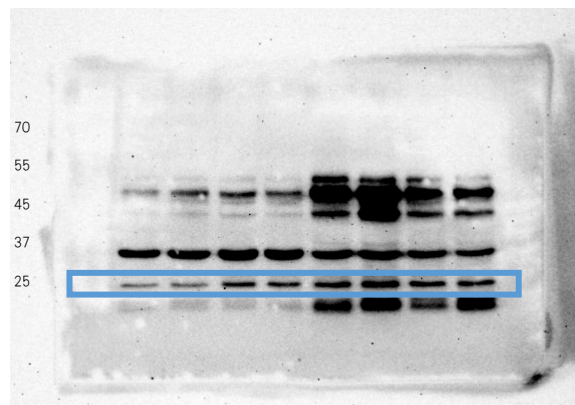
YC YC YA YA OC OC OA OA



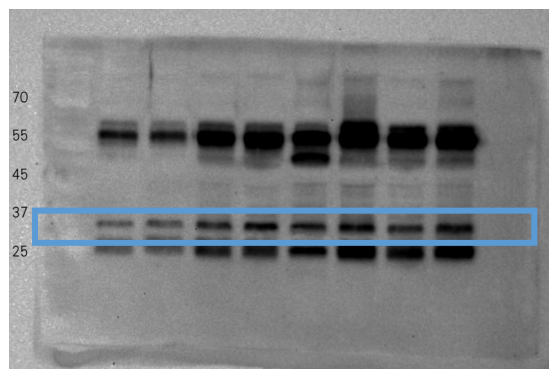
YC YC YA YA OC OC OA OA



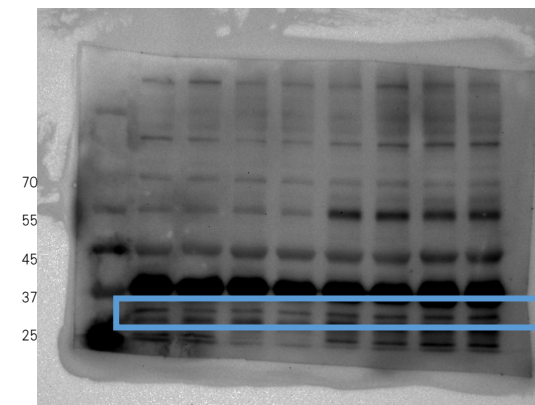
GAPDH



GAPDH



GAPDH



PGAM5

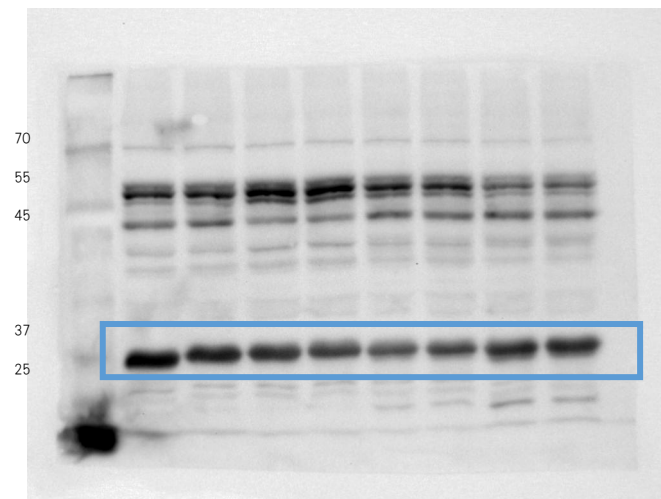
PGAM5

PGAM5

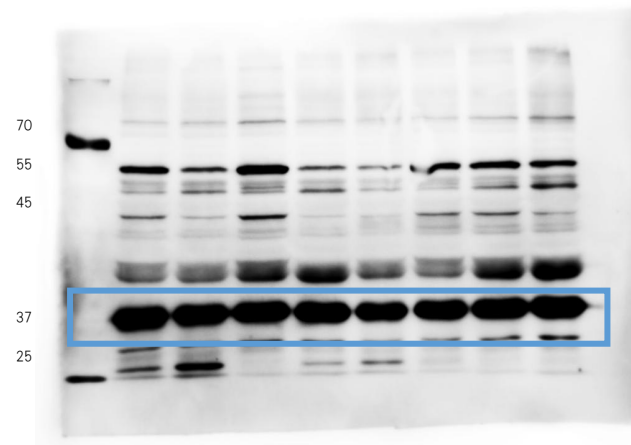


PINK1(45 kDa)

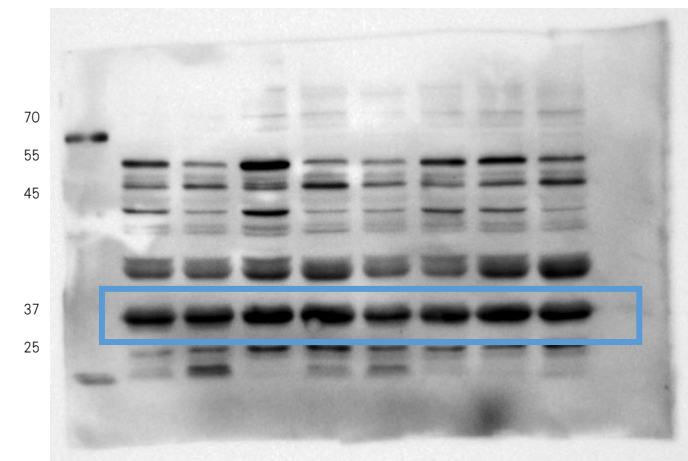
YC YC YA YA OC OC OA OA



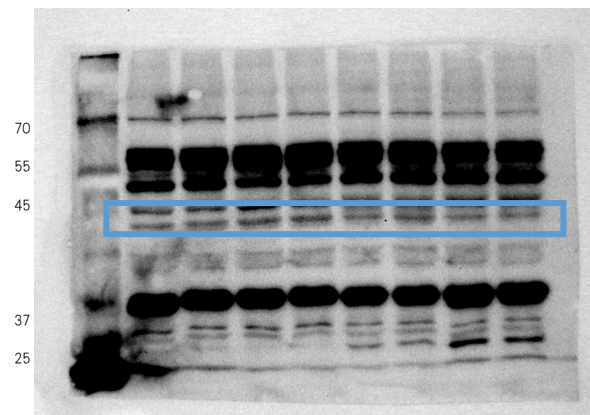
YC YC YA YA OC OC OA OA



YC YC YA YA OC OC OA OA

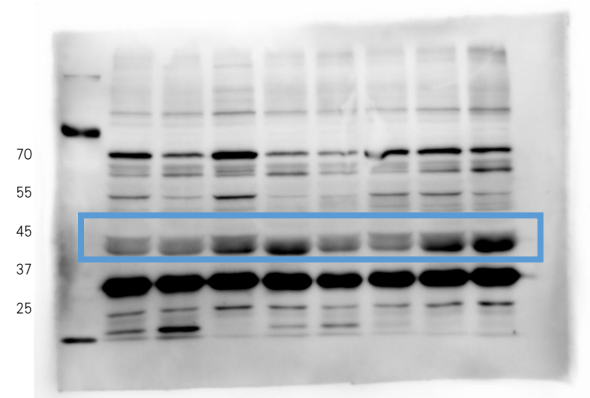


GAPDH



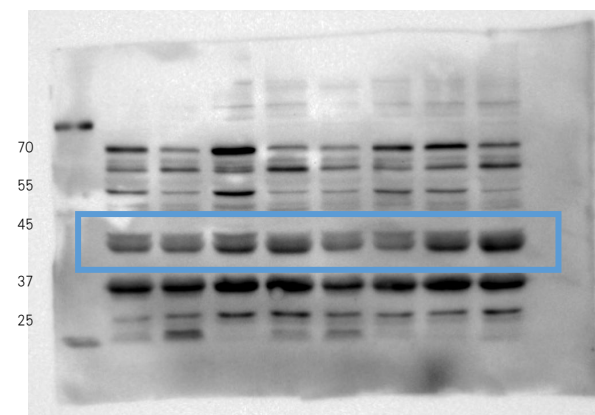
PINK1

GAPDH



PINK1

GAPDH



PINK1