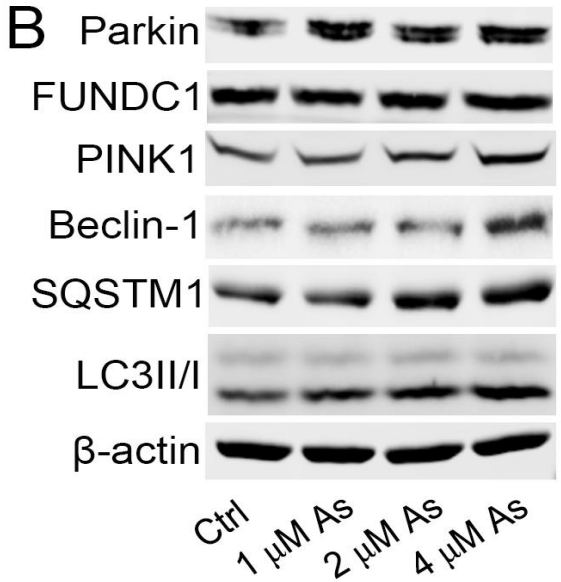
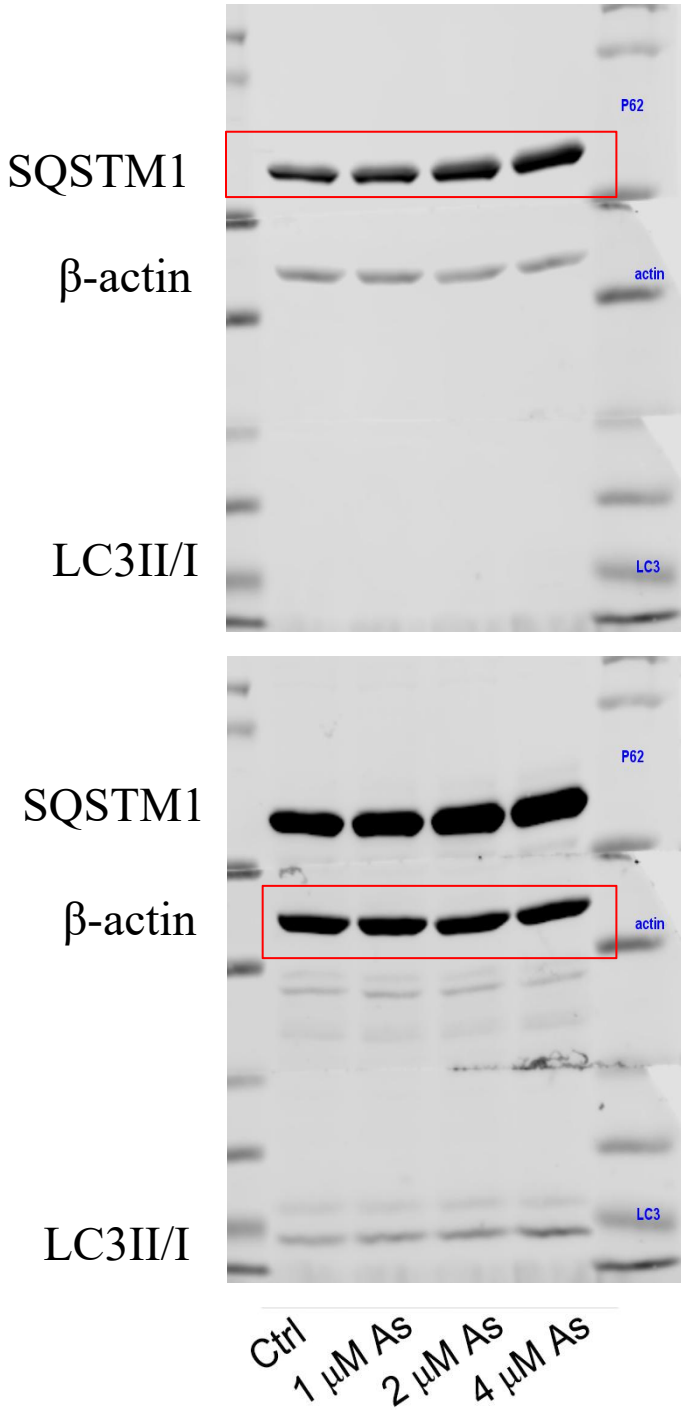
Fig 2 B


B
Parkin
FUNDC1
PINK1
Beclin-1
SQSTM1
LC3II/I
β-actin
Ctrl
1 μM As
2 μM As
4 μM As


SQSTM1
β-actin
LC3II/I
P62
actin
LC3
SQSTM1
β-actin
LC3II/I
P62
actin
LC3
Ctrl
1 μM As
2 μM As
4 μM As

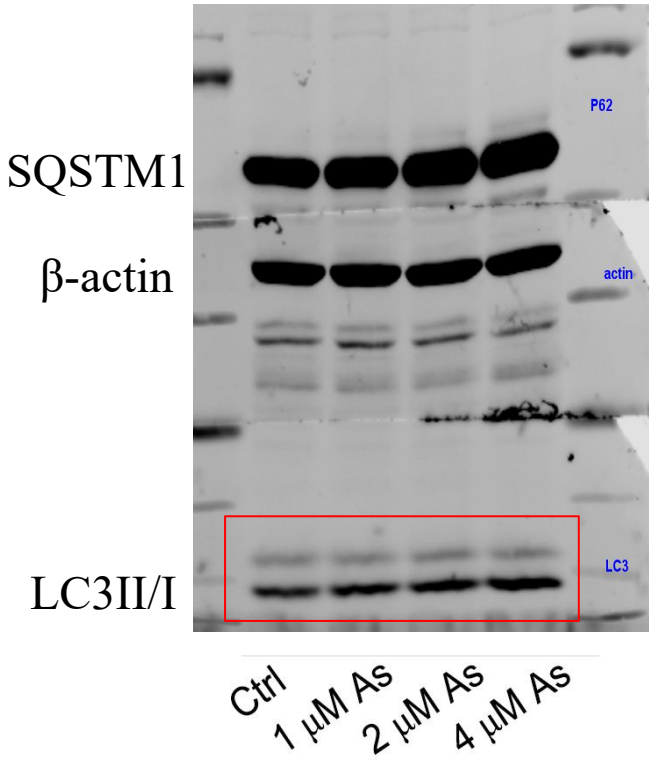
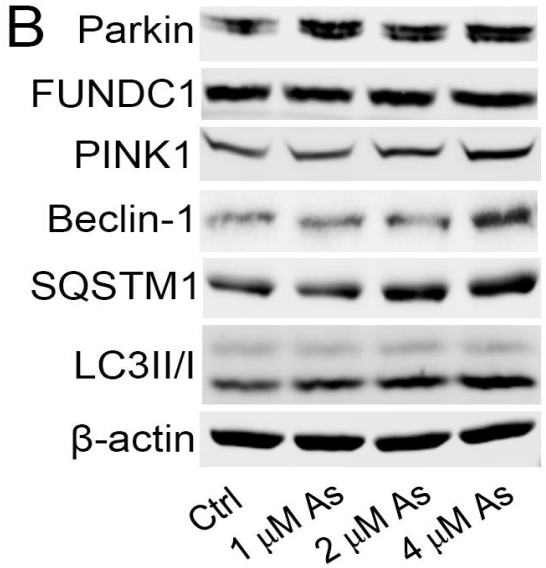
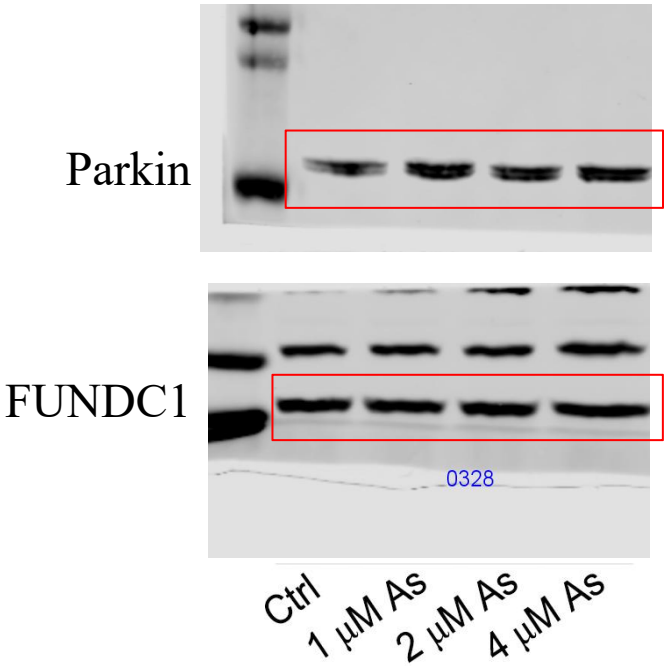

SQSTM1
β-actin
LC3II/I
P62
actin
LC3
Ctrl
1 μM As
2 μM As
4 μM As

Fig 2 B


B
Parkin
FUNDC1
PINK1
Beclin-1
SQSTM1
LC3II/I
β-actin
Ctrl
1 μM AS
2 μM AS
4 μM AS


Parkin
FUNDC1
0328
Ctrl
1 μM AS
2 μM AS
4 μM AS

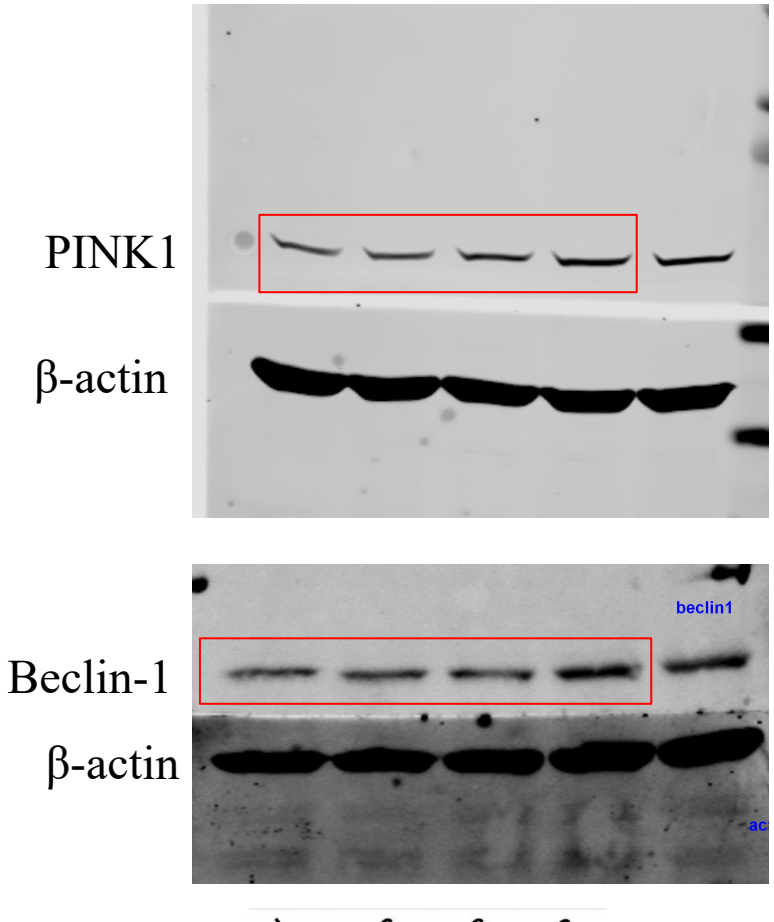
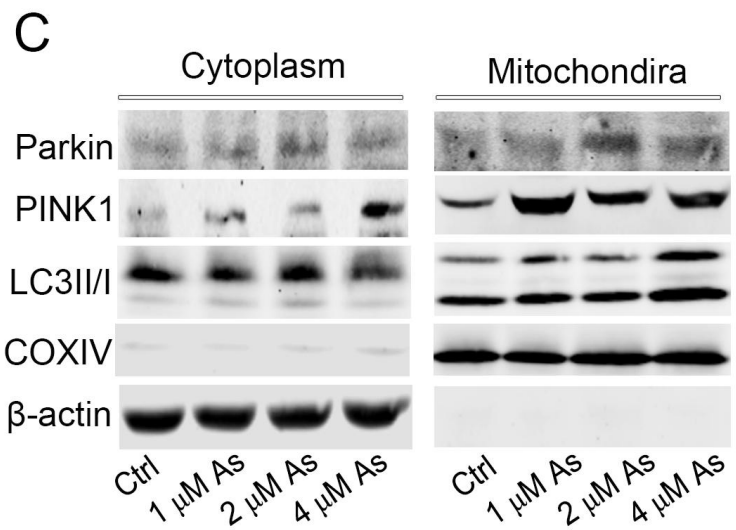

PINK1
β-actin
Beclin-1
β-actin
beclin1
Ctrl
1 μM AS
2 μM AS
4 μM AS

Fig 2 C


C
Cytoplasm
Mitochondira
Parkin
PINK1
LC3II/I
COXIV
β-actin
Ctrl
1 μM AS
2 μM AS
4 μM AS
Ctrl
1 μM AS
2 μM AS
4 μM AS

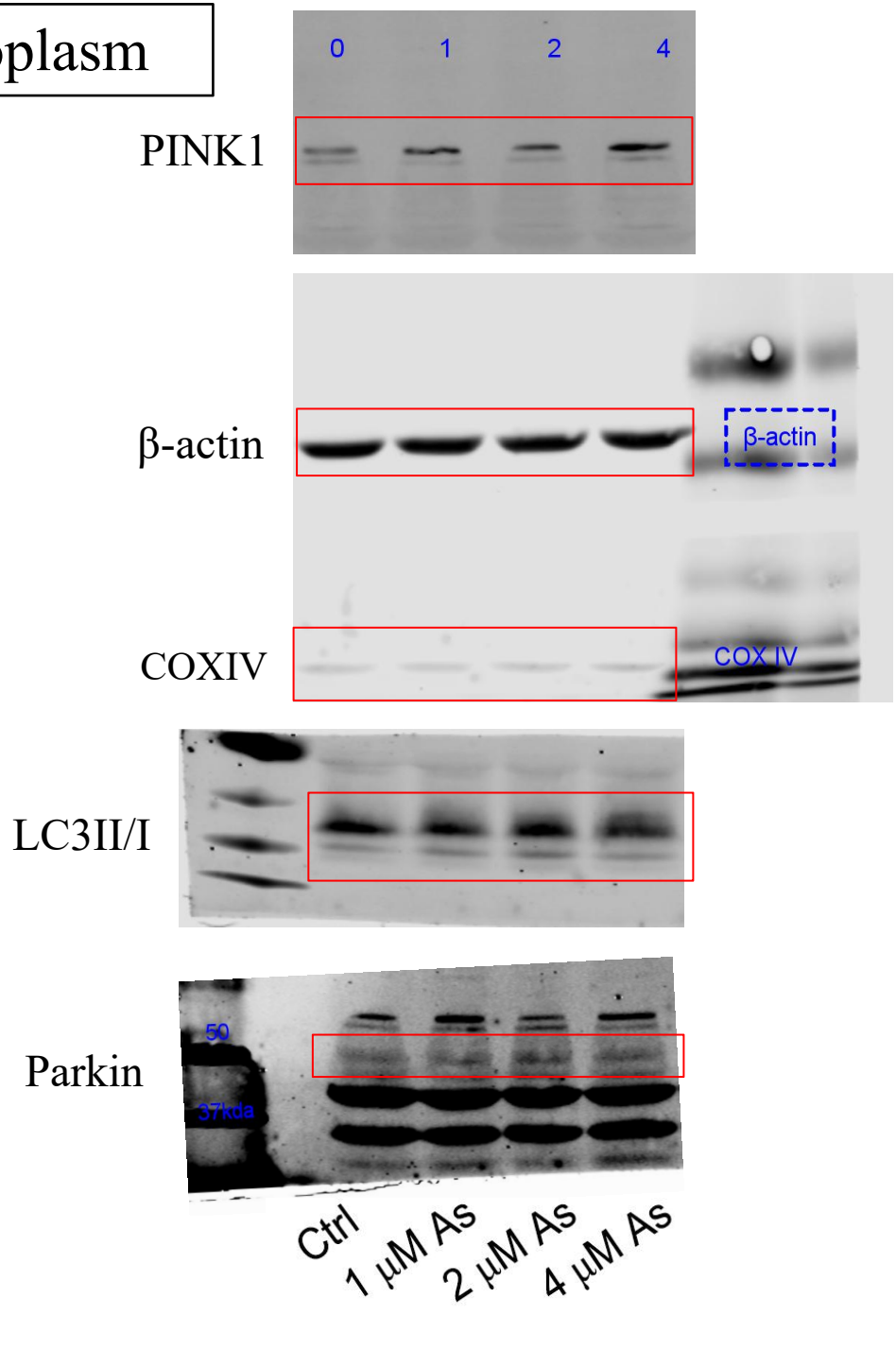
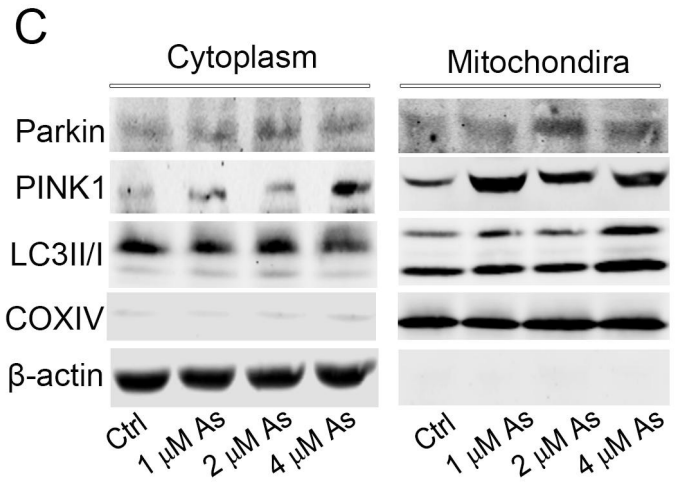
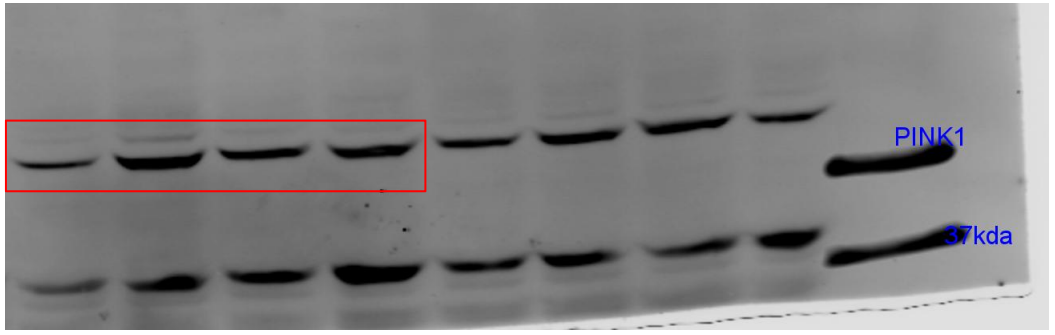

Cytoplasm
0
1
2
4
PINK1
β-actin
β-actin
COXIV
COX IV
LC3II/I
Parkin
50
37kda
Ctrl
1 μM AS
2 μM AS
4 μM AS

Fig 2 C

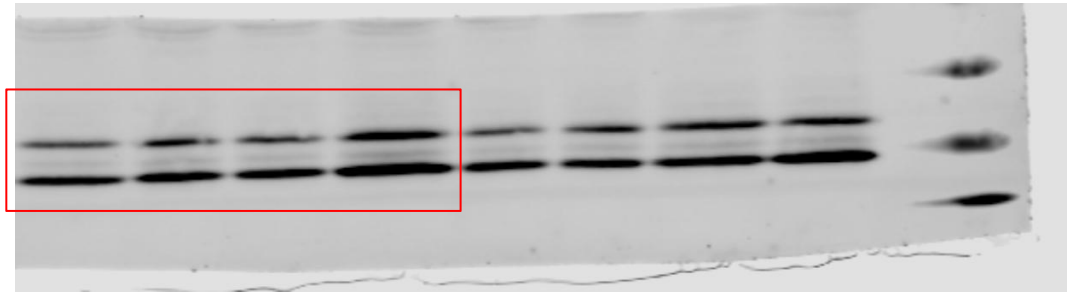


Mitochondira

PINK1

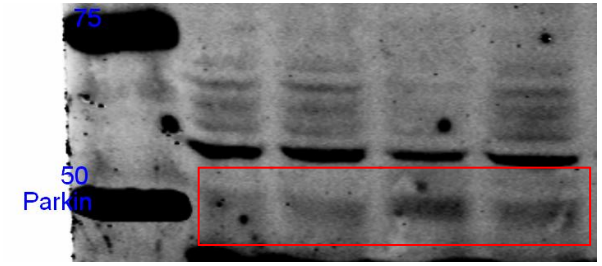


LC3II/I



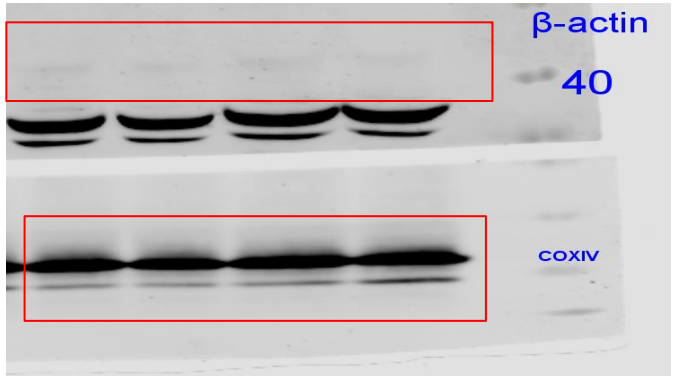
Ctrl 1 μM AS 2 μM AS 4 μM AS

Parkin



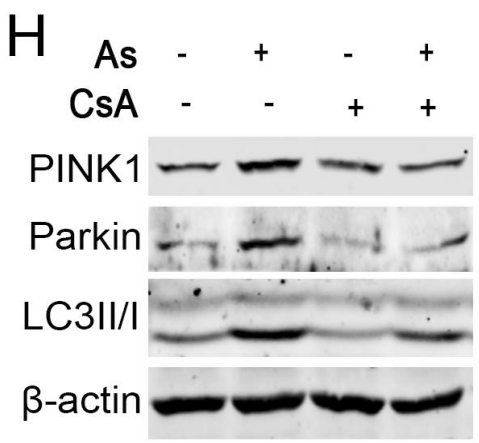
β-actin

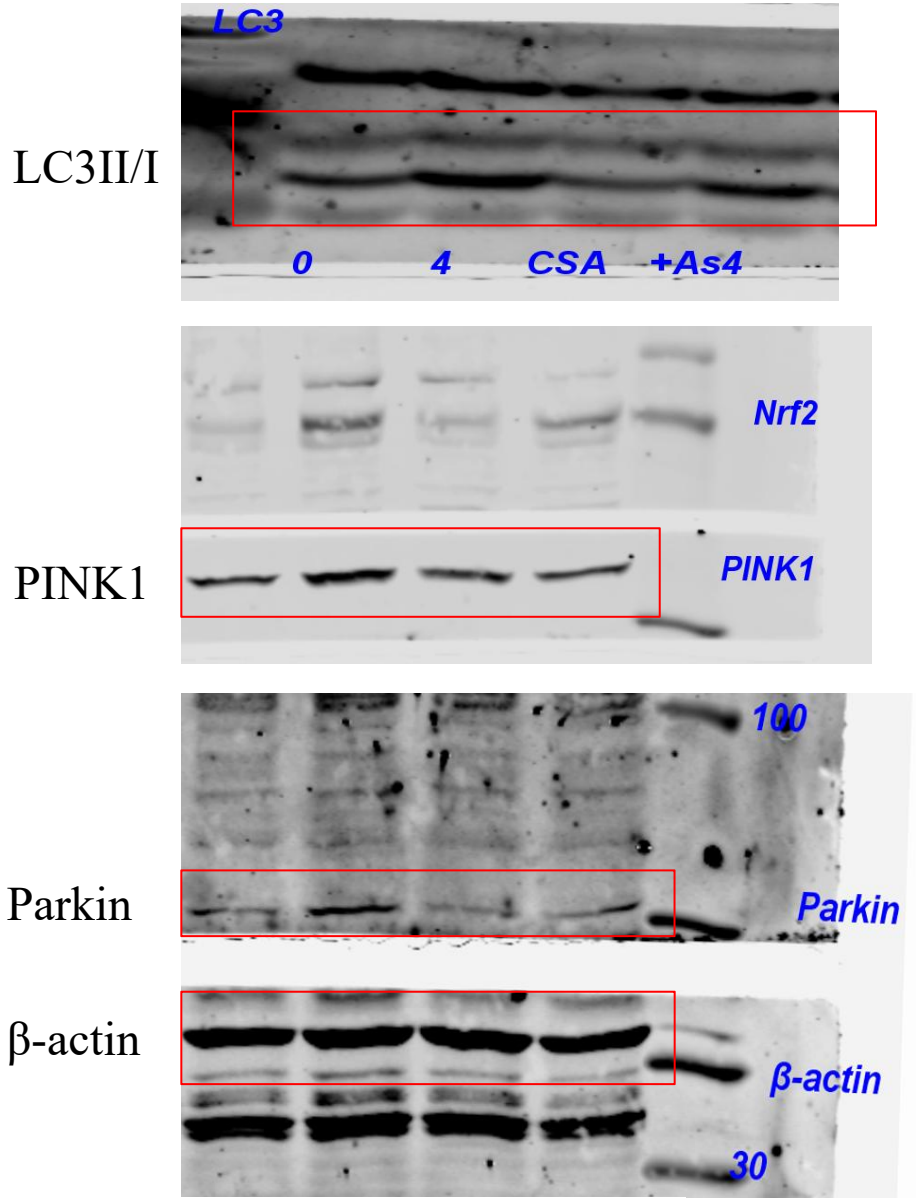
COXIV



Ctrl 1 μM AS 2 μM AS 4 μM AS

Fig 2 H


H
As - + - +
CsA - - + +
PINK1
Parkin
LC3II/I
β-actin


LC3II/I
LC3
0 4 CSA +As4
Nrf2
PINK1
PINK1
100
Parkin
Parkin
β-actin
β-actin
30
As - + - +
CsA - - + +