

Combination of dapagliflozin and pioglitazone lacks superiority against monotherapy in streptozotocin-induced nephropathy

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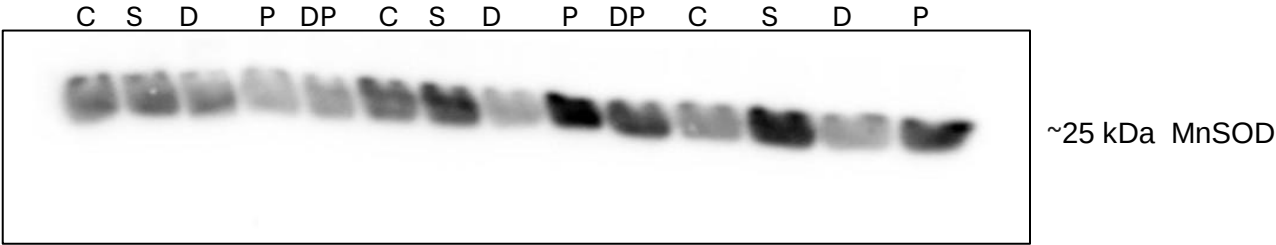
*kralova5@uniba.sk

⁺ these authors contributed equally to this work

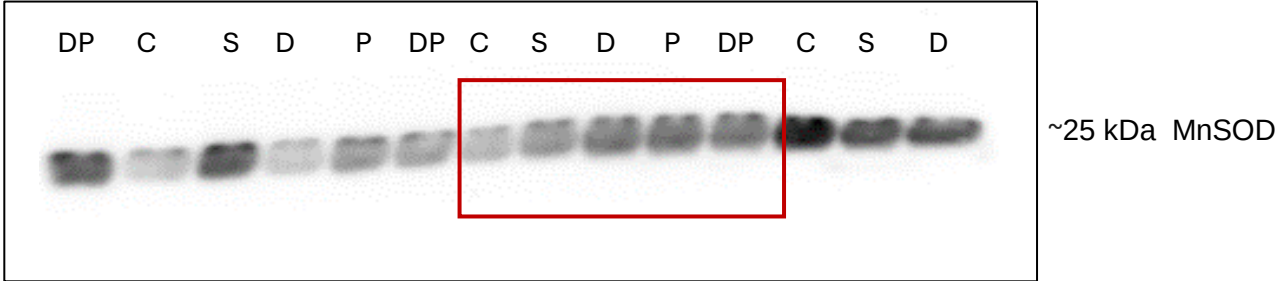
full unedited gel for Figure 2a (MnSOD)

C= Control (10)
S= STZ (10)
D= Dapagliflozin (12)
P= Piogliazone (12)
DP= DapaPio (12)

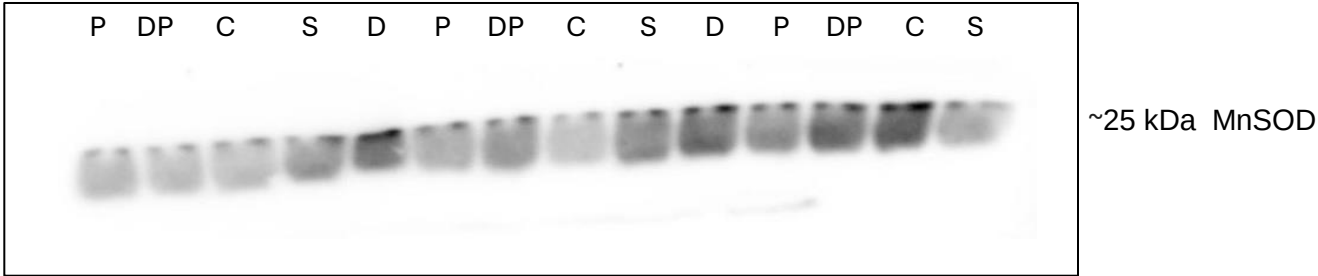
Gel 1



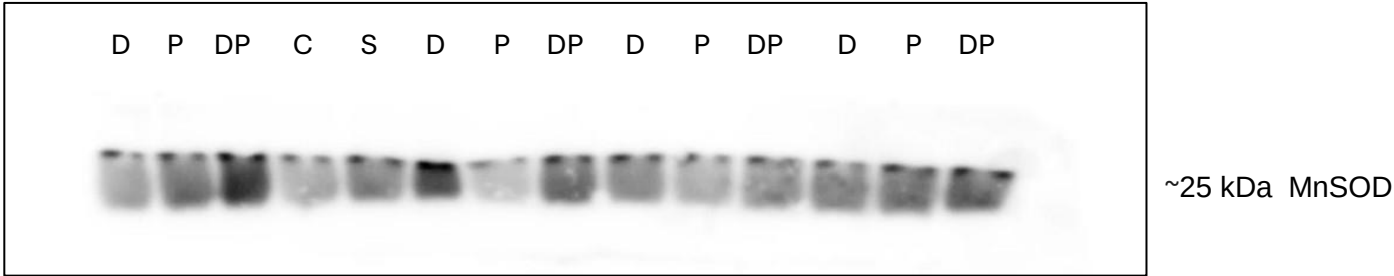
Gel 2



Gel 3



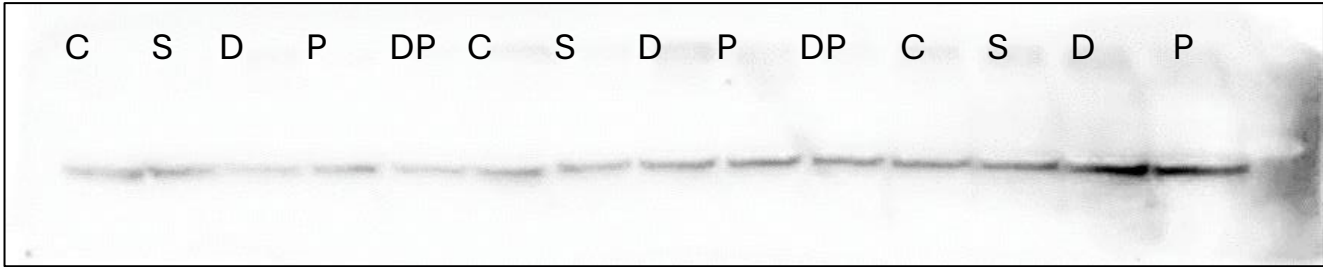
Gel 4



full unedited gel for Figure 2a (gp91phox)

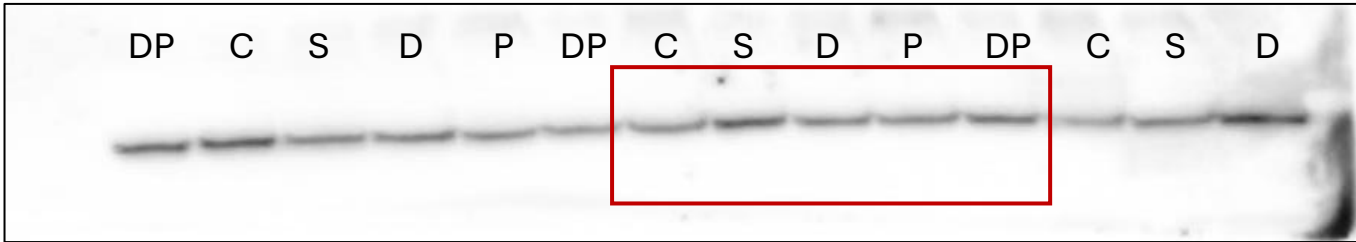
C= Control (10)
S= STZ (10)
D= Dapagliflozin (12)
P= Piogliazone (12)
DP= DapaPio (12)

Gel 1



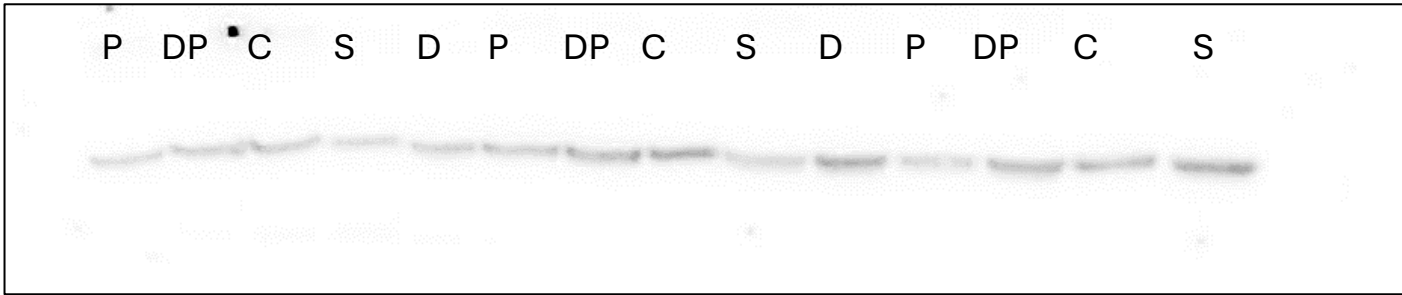
~58 kDa gp91phox

Gel 2



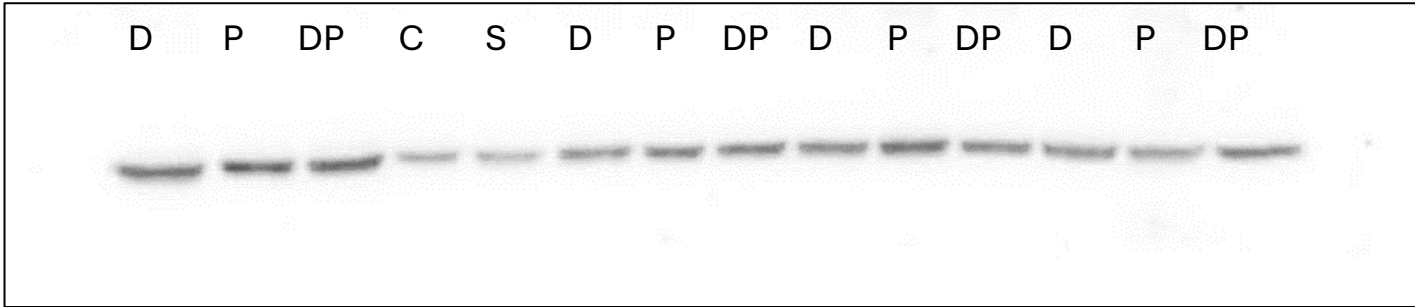
~58 kDa gp91phox

Gel 3



~58 kDa gp91phox

Gel 4



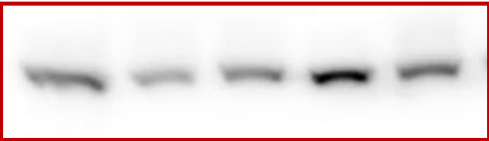
~58 kDa gp91phox

full unedited gel for Figure 2c (eNOS)

C= Control (10)
S= STZ (10)
D= Dapagliflozin (12)
P= Piogliazone (12)
DP= DapaPio (12)

Gel 1

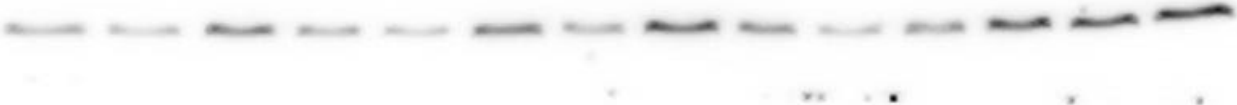
C S D P DP C S D P DP C S D P



~140 kDa eNOS

Gel 2

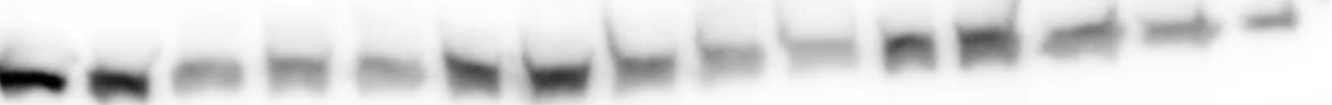
DP C S D P DP C S D P DP C S D



~140 kDa eNOS

Gel 3

P DP C S D P DP C S D P DP C S



~140 kDa eNOS

Gel 4

D P DP C S D P DP D P DP D P DP

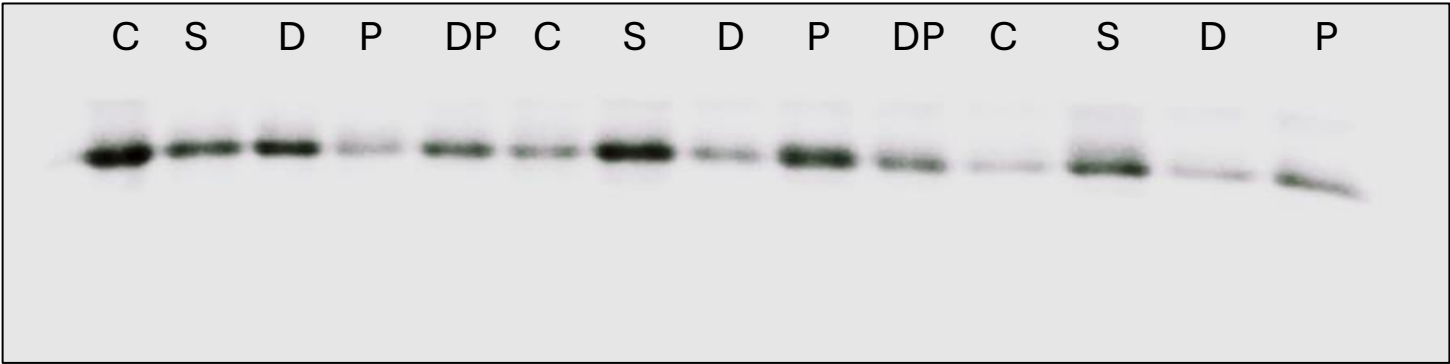


~140 kDa eNOS

full unedited gel for Figure 2c (caveolin 1)

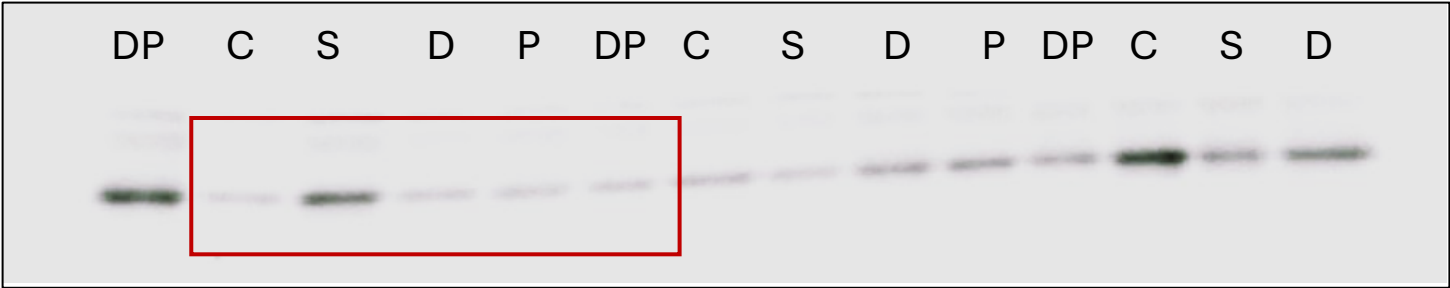
C= Control (10)
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D= Dapagliflozin (12)
P= Piogliazone (12)
DP= DapaPio (12)

Gel 1



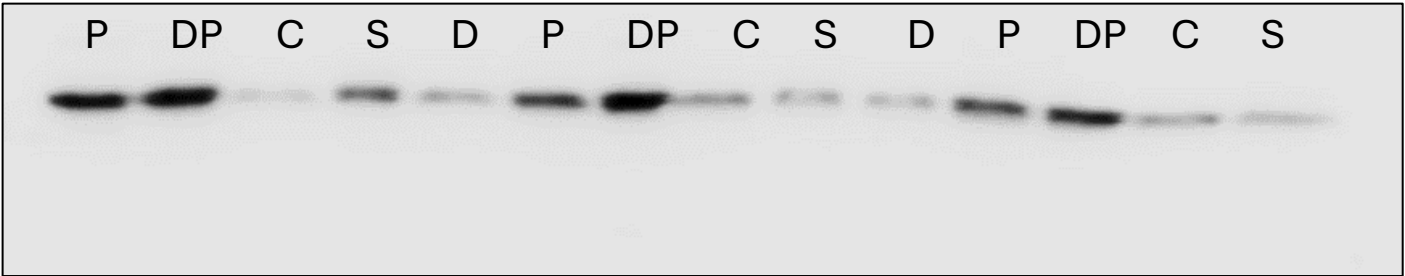
~24 kDa caveolin 1

Gel 2



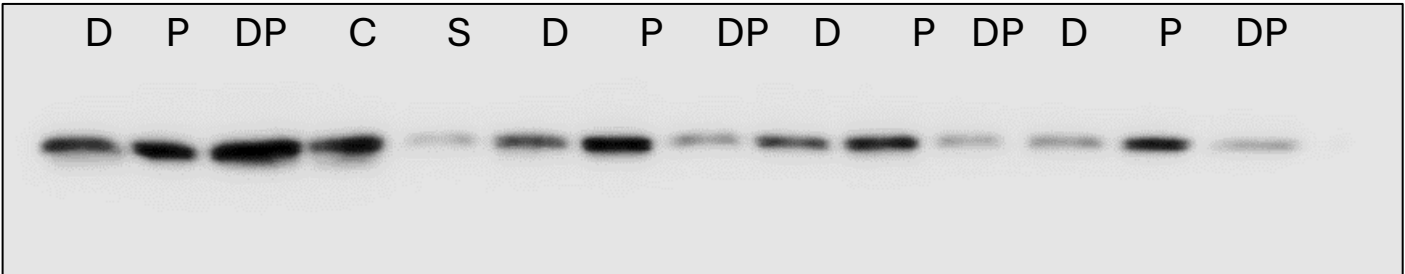
~24 kDa caveolin 1

Gel 3



~24 kDa caveolin 1

Gel 4

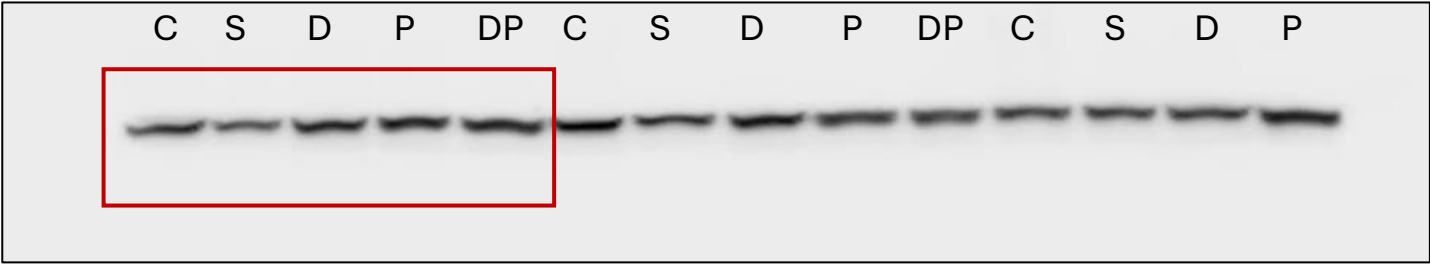


~24 kDa caveolin 1

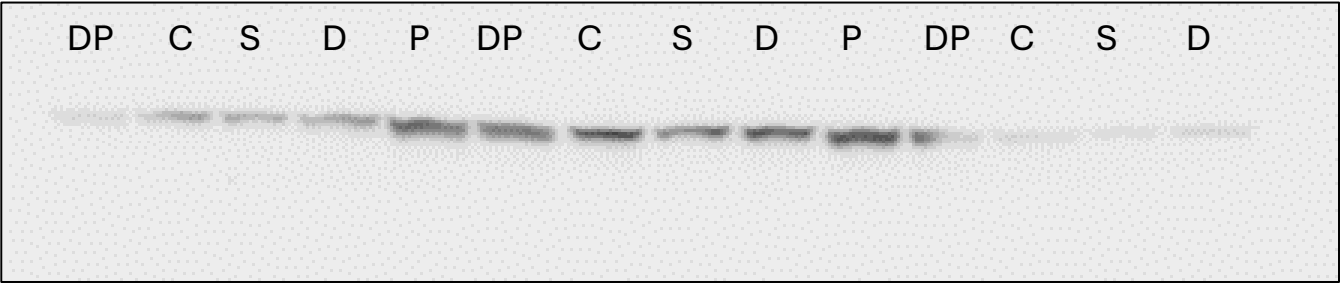
full unedited gel for Figure 2c (Hsp90)

C= Control (10)
S= STZ (10)
D= Dapagliflozin (12)
P= Piogliazone (12)
DP= DapaPio (12)

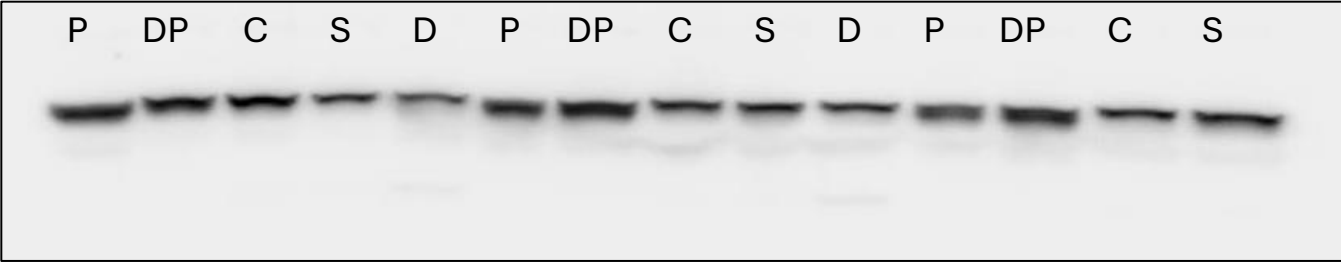
Gel 1



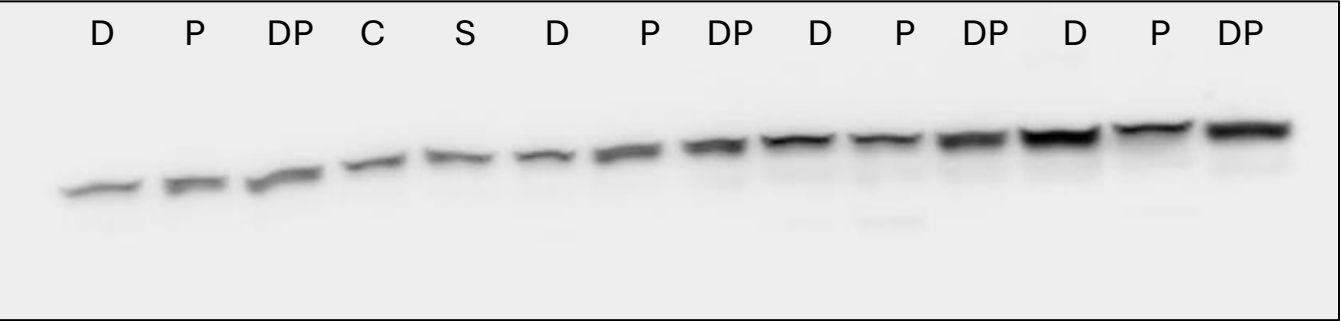
Gel 2



Gel 3



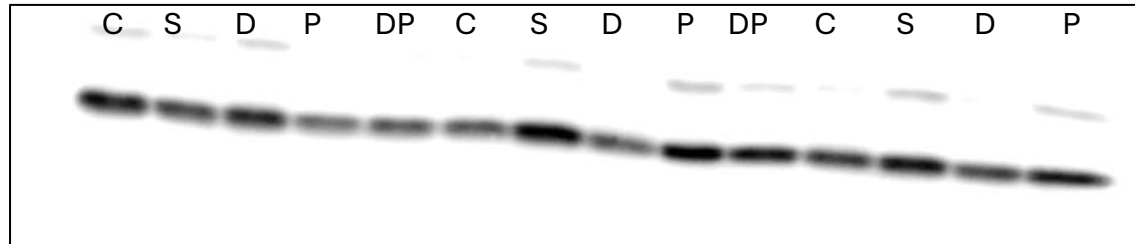
Gel 4



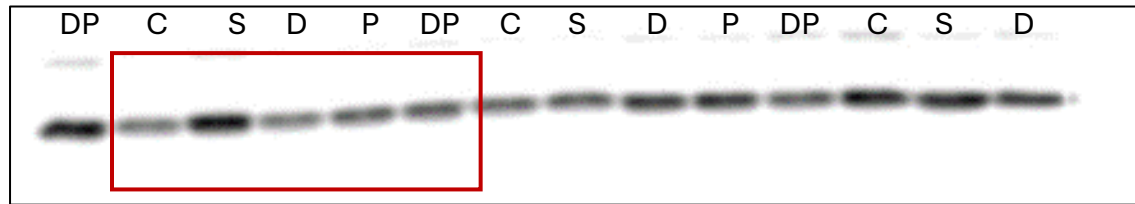
full unedited gel for Figure 3 (Bax)

C= Control (10)
S= STZ (10)
D= Dapagliflozin (12)
P= Piogliazone (12)
DP= DapaPio (12)

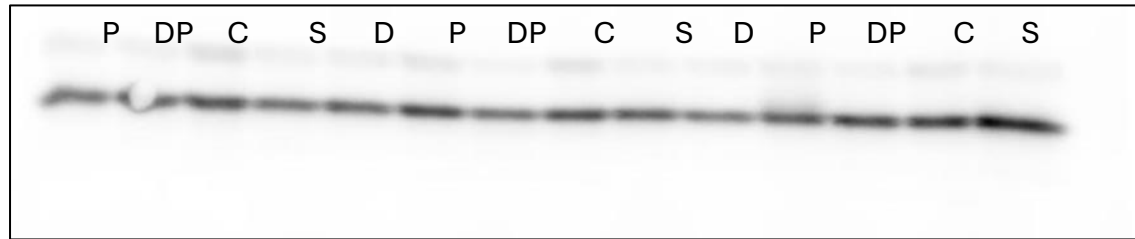
Gel 1



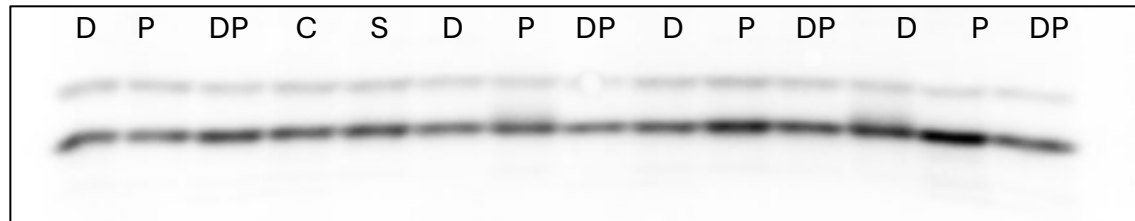
Gel 2



Gel 3



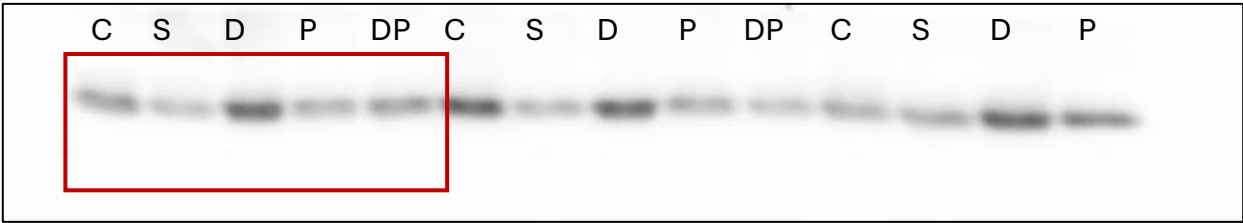
Gel 4



full unedited gel for Figure 3 (Bcl2)

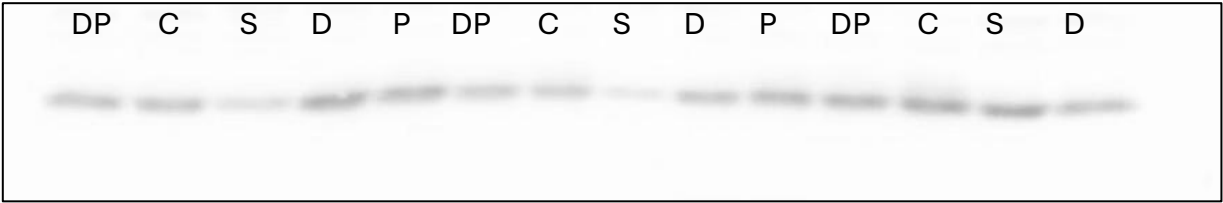
C= Control (10)
S= STZ (10)
D= Dapagliflozin (12)
P= Piogliazone (12)
DP= DapaPio (12)

Gel 1



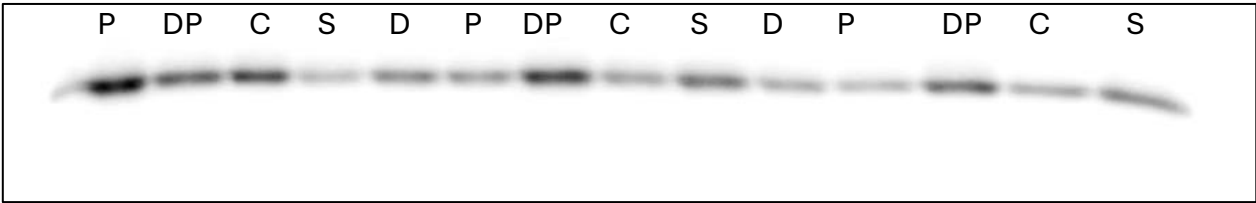
~28 kDa Bcl2

Gel 2



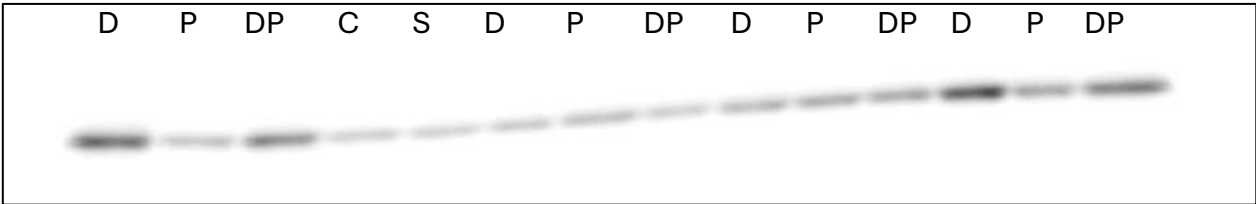
~28 kDa Bcl2

Gel 3



~28 kDa Bcl2

Gel 4



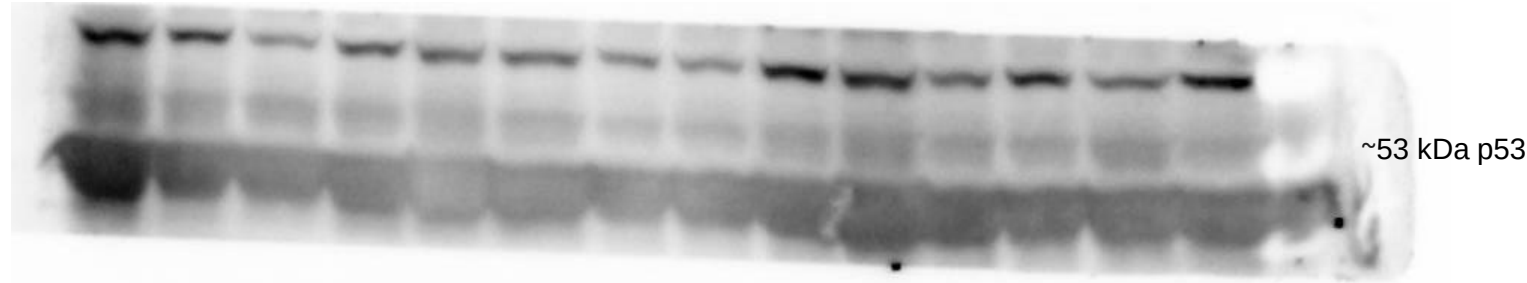
~28 kDa Bcl2

full unedited gel for Figure 3 (p53)

C= Control (10)
S= STZ (10)
D= Dapagliflozin (12)
P= Piogliazone (12)
DP= DapaPio (12)

Gel 1

C S D P DP C S D P DP C S D P



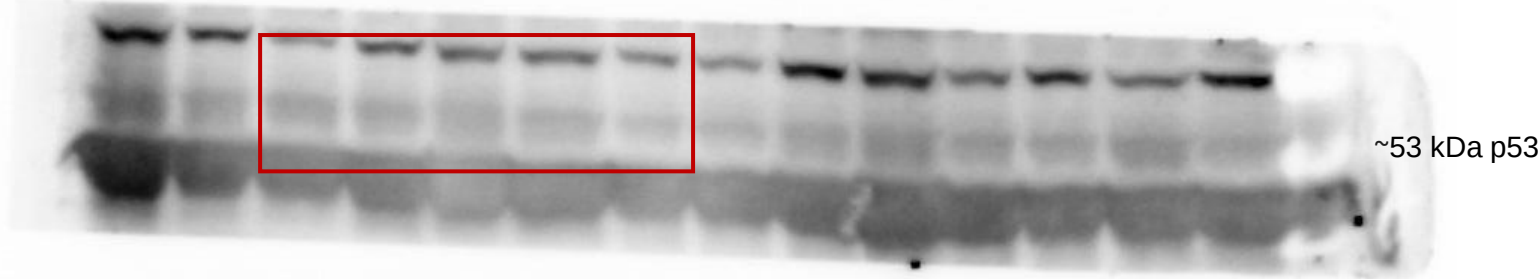
Gel 2

DP C S D P DP C S D P DP C S D



Gel 3

P DP C S D P DP C S D P DP C S



Gel 4

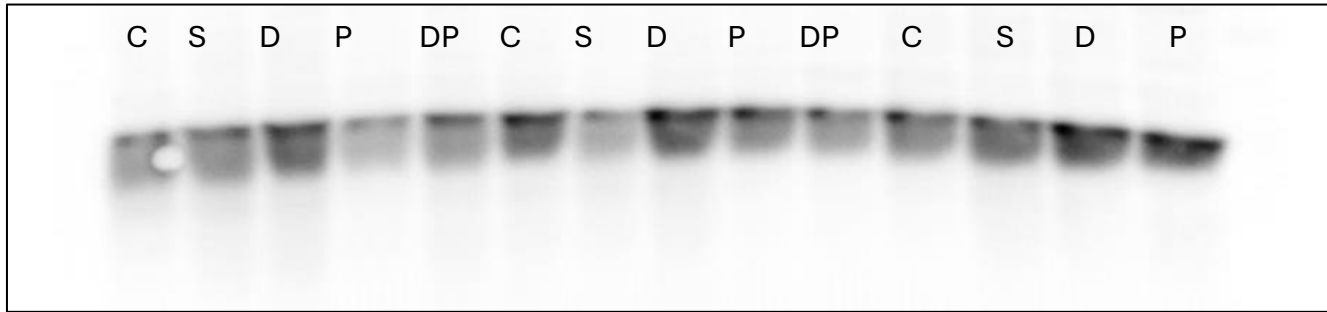
D P DP C S D P DP D P DP D P DP



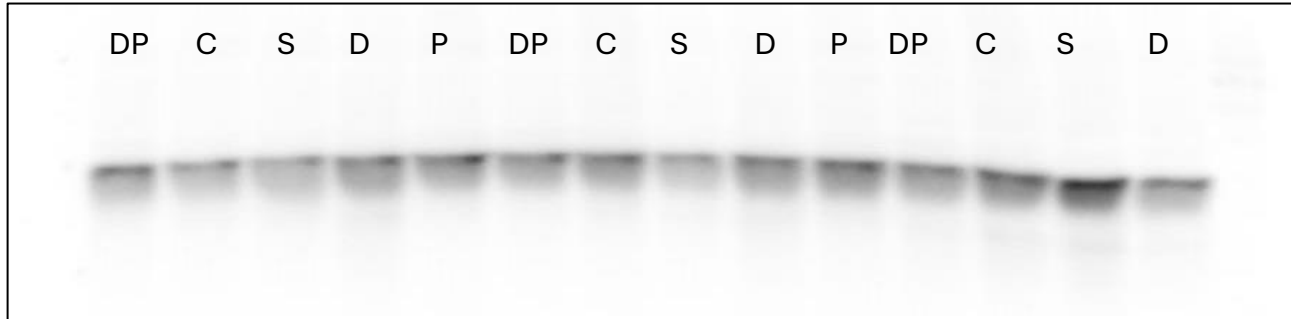
full unedited gel for Figure 3 (Caspase 3)

C= Control (10)
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D= Dapagliflozin (12)
P= Piogliazone (12)
DP= DapaPio (12)

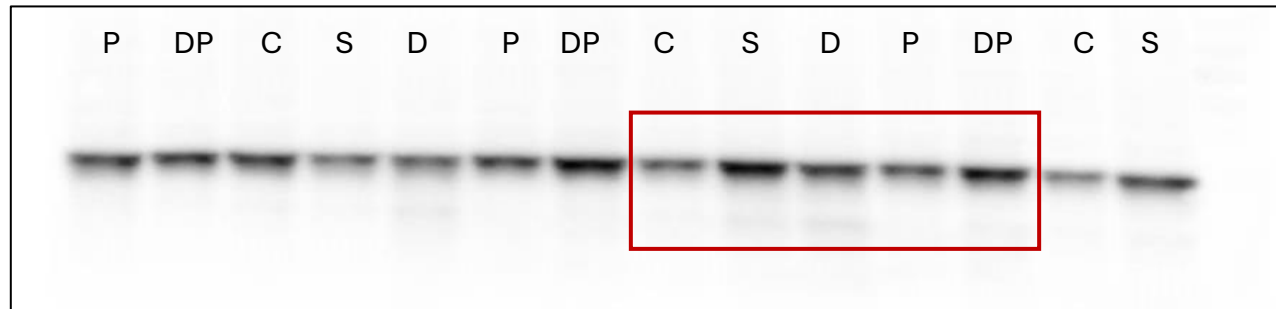
Gel 1



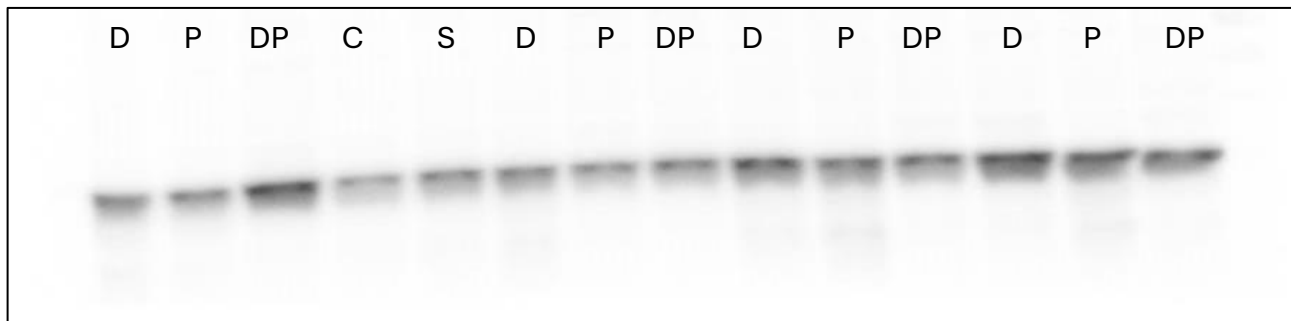
Gel 2



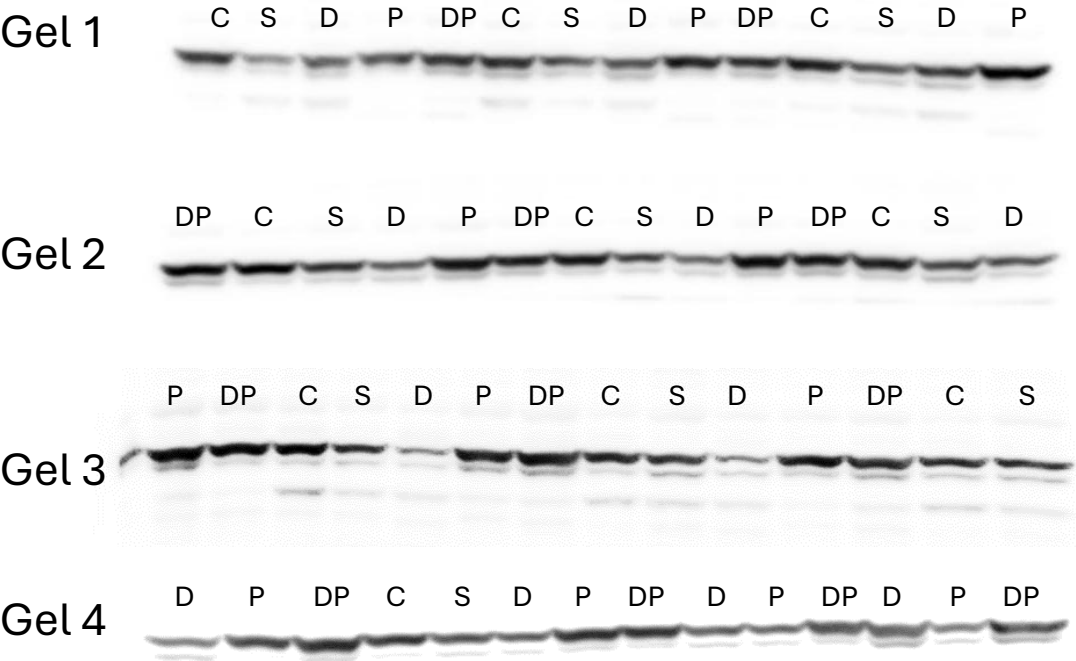
Gel 3



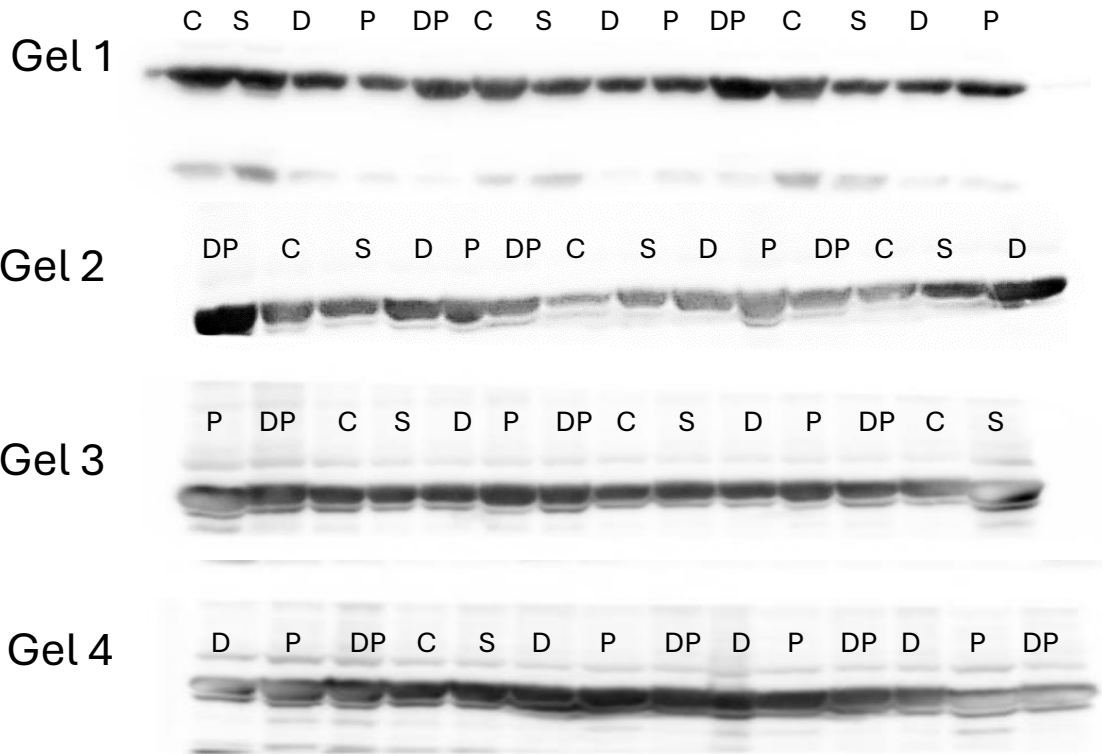
Gel 4



Full unedited gel for housekeeping protein actin beta (~42kDa)
 -normalisation of the following proteins:
 Caveolin 1, Bcl, p53, eNOS (Pages 4,5,8,9)



Full unedited gel for housekeeping protein actin beta (~42kDa)
 -normalisation of the following proteins:
 MnSOD, Bax, gp91phox, Hsp90, Caspase 3 (Pages 2,3,6,7,10)



Representative immunoblot regions for the reference protein actin were created by cropping the relevant area corresponding to the examined protein.