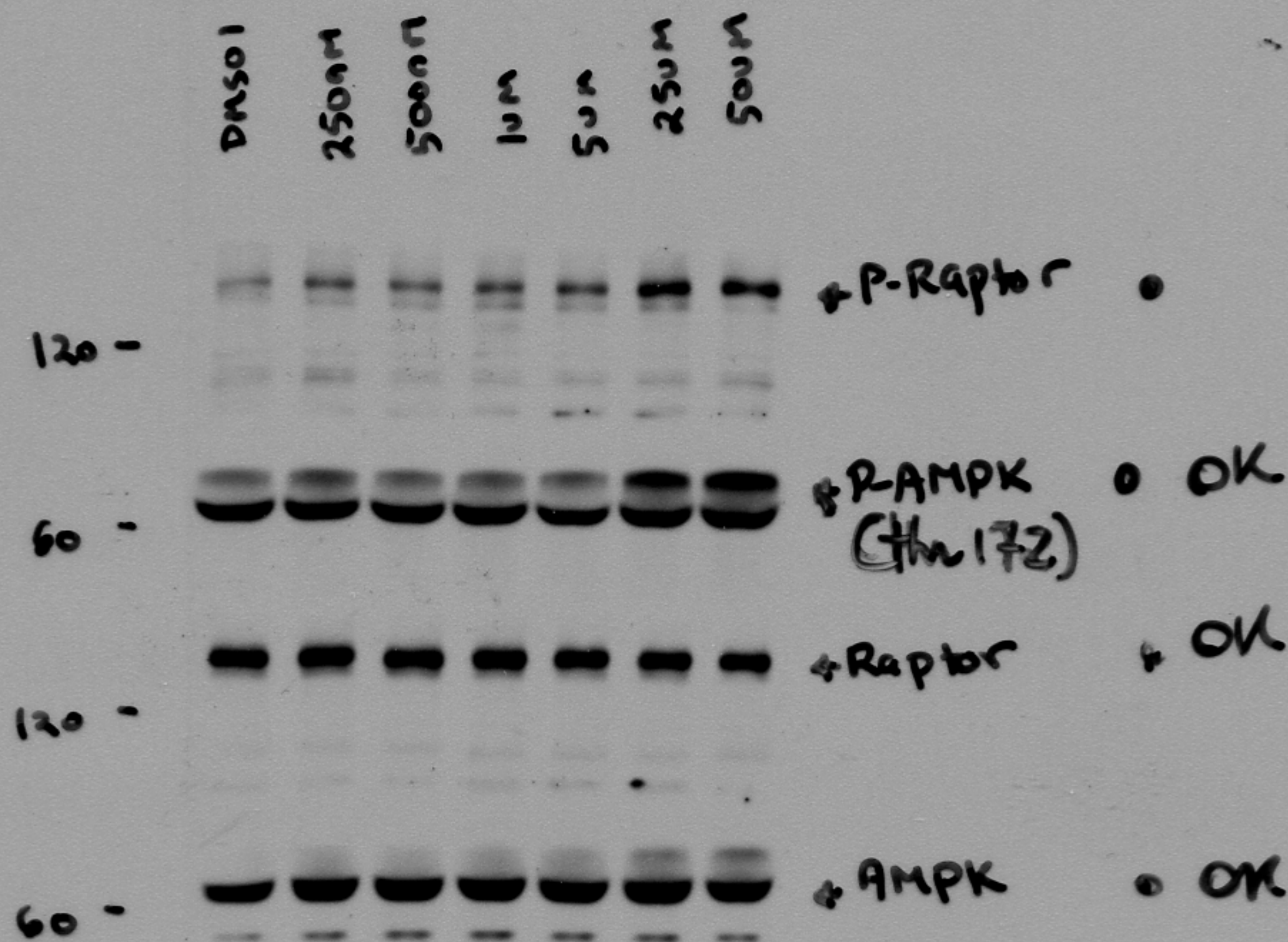
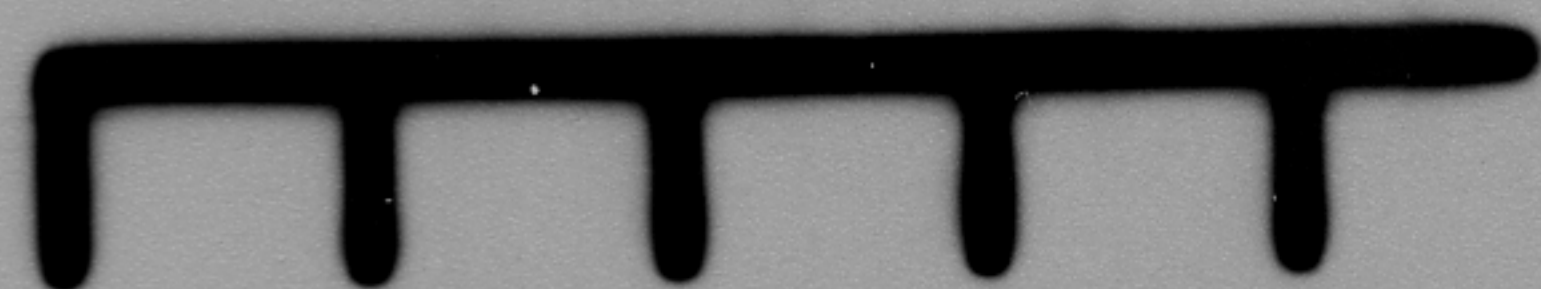


FIGURE 2 PANEL A LEFT (LNCaP cells)

2

- Exposure for:

- a) phospho - Raptor
- b) phospho - AMPK
- c) Raptor total
- d) AMPK total



1 gel

2 gel

LNCaP - 30 min treatment

LN: 63-78 x 30 min - 30ug

7/22/2009 samples

Samples were loaded in duplicate in 2 gels, run and transferred together

exp 2.5 min
ECL
6.29.10

Figure 2. PANEL A - LEFT (LNCoP cells)
Exposure for p-ACC (5 sec)

LNCoP - 30 min treatment

DMSO
250nM
500nM
1uM
5uM
25uM
50uM



• p-ACC • OK

FIGURE 2 PANEL A 1
LEFT (LNCP cells)
EXPOSURE FOR ACC total
(10 sec)

LNCP - 30 min. test m

0M30
250M
500M
10M
50M
250M
500M

----- + ACC OK

180 -

FIGURE 2 PANEL A - LEFT (LNCOP cells)

LNCOP - 30 min treatm

6

Exposure
for
VINCULIN
(15 sec)
6.30.10

1000M
2500M
5000M
10M
50M
250M
500M

120 -

VINC (RAP MEM) • EVL

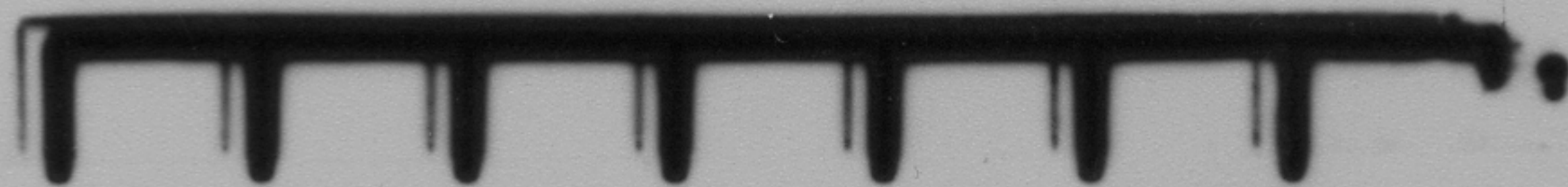


FIGURE 2 PANEL A - RIGHT (PC 3 cells)

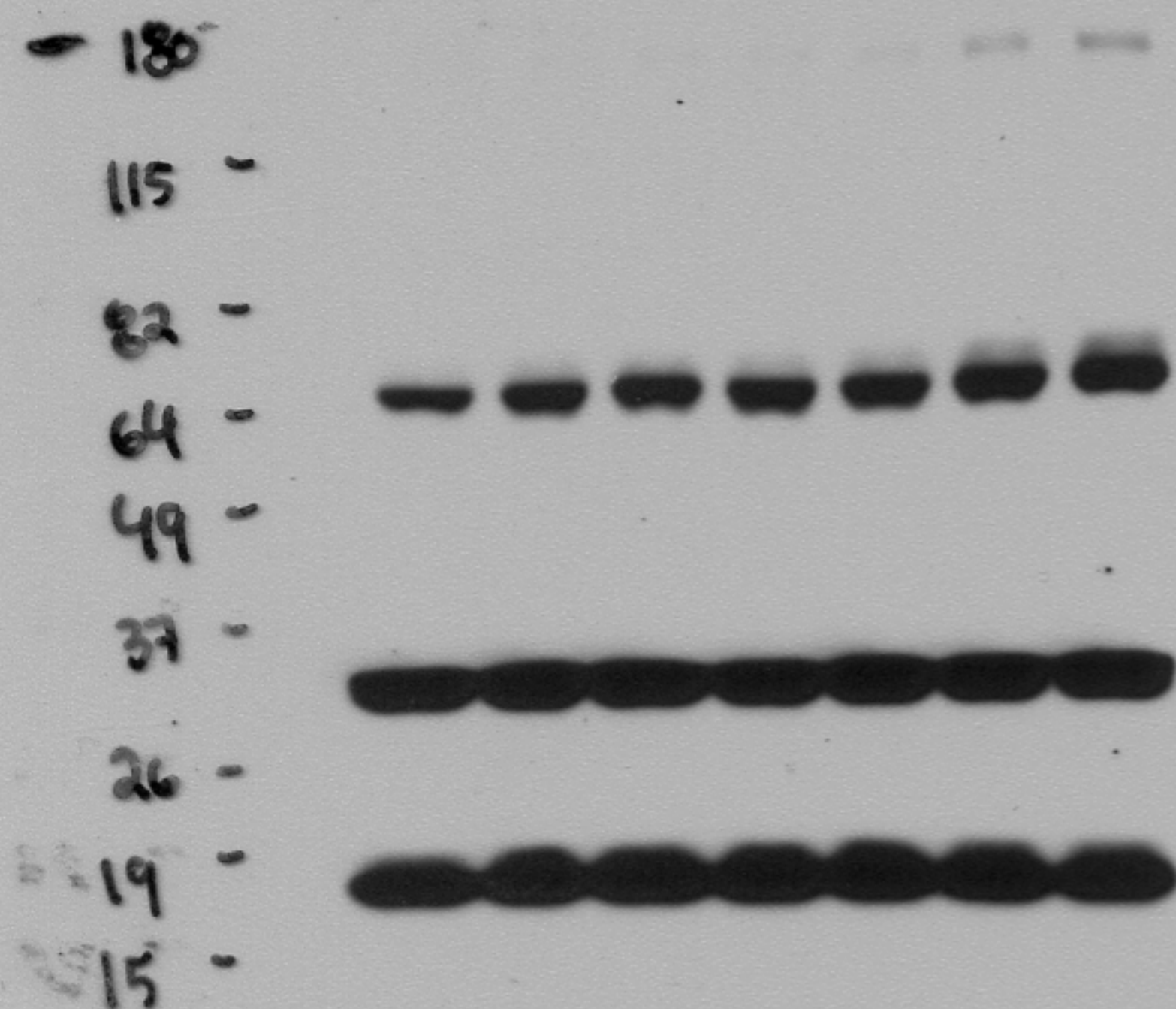
Exposure Used For P-ACC
(30 sec)

12.9.10 - MT 63-78 (uM)

0 0.25 0.5 1 5 25 50

gel 1

P-ACC • OK

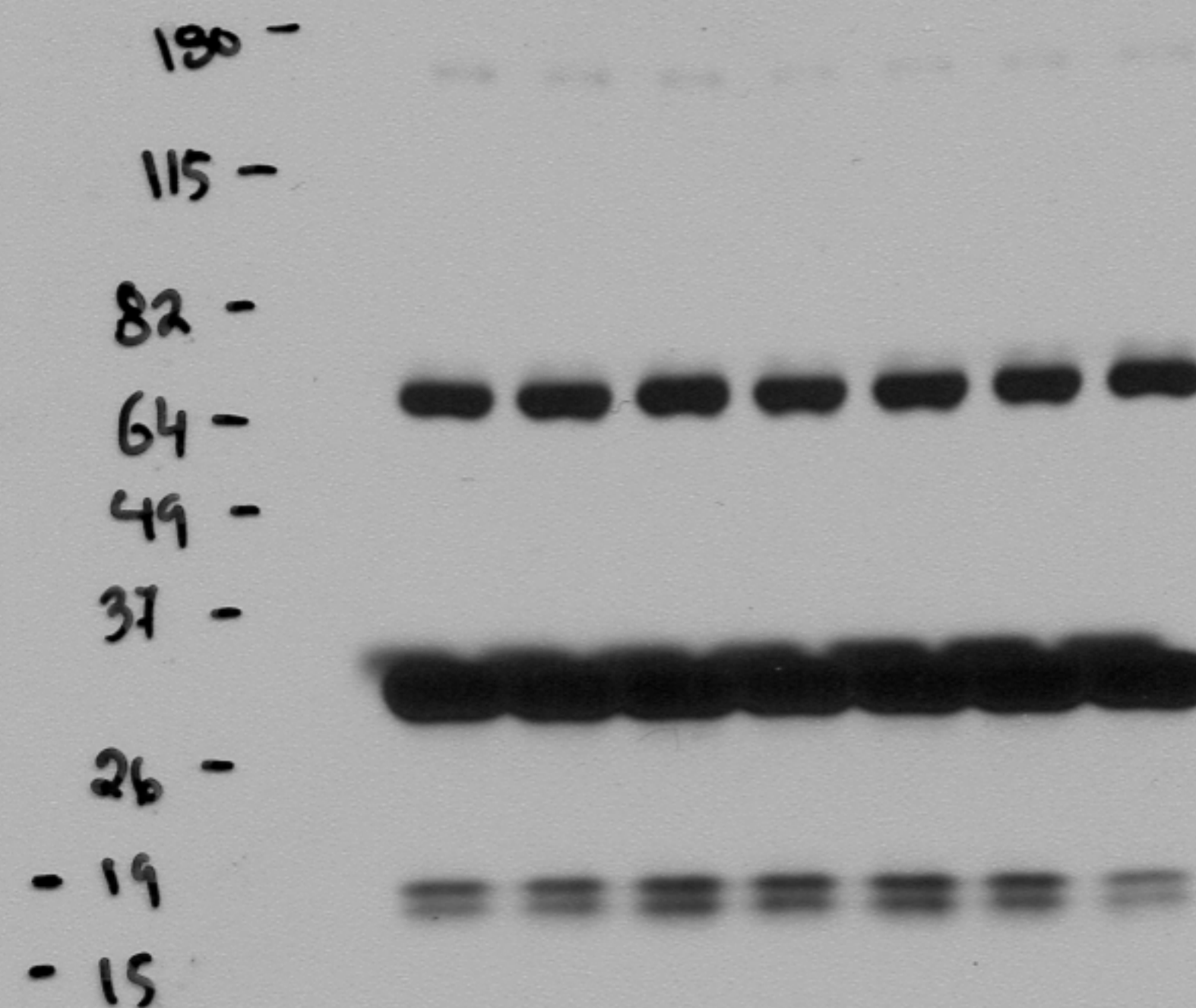


P-AMPK

DN50
250nM
500nM
1uM
5uM
25uM
50uM

on PC3:
63-78 x
30 min

gel 2



AMPK

Samples were prepared in duplicate and loaded on 2 gels (gel 1, 2)

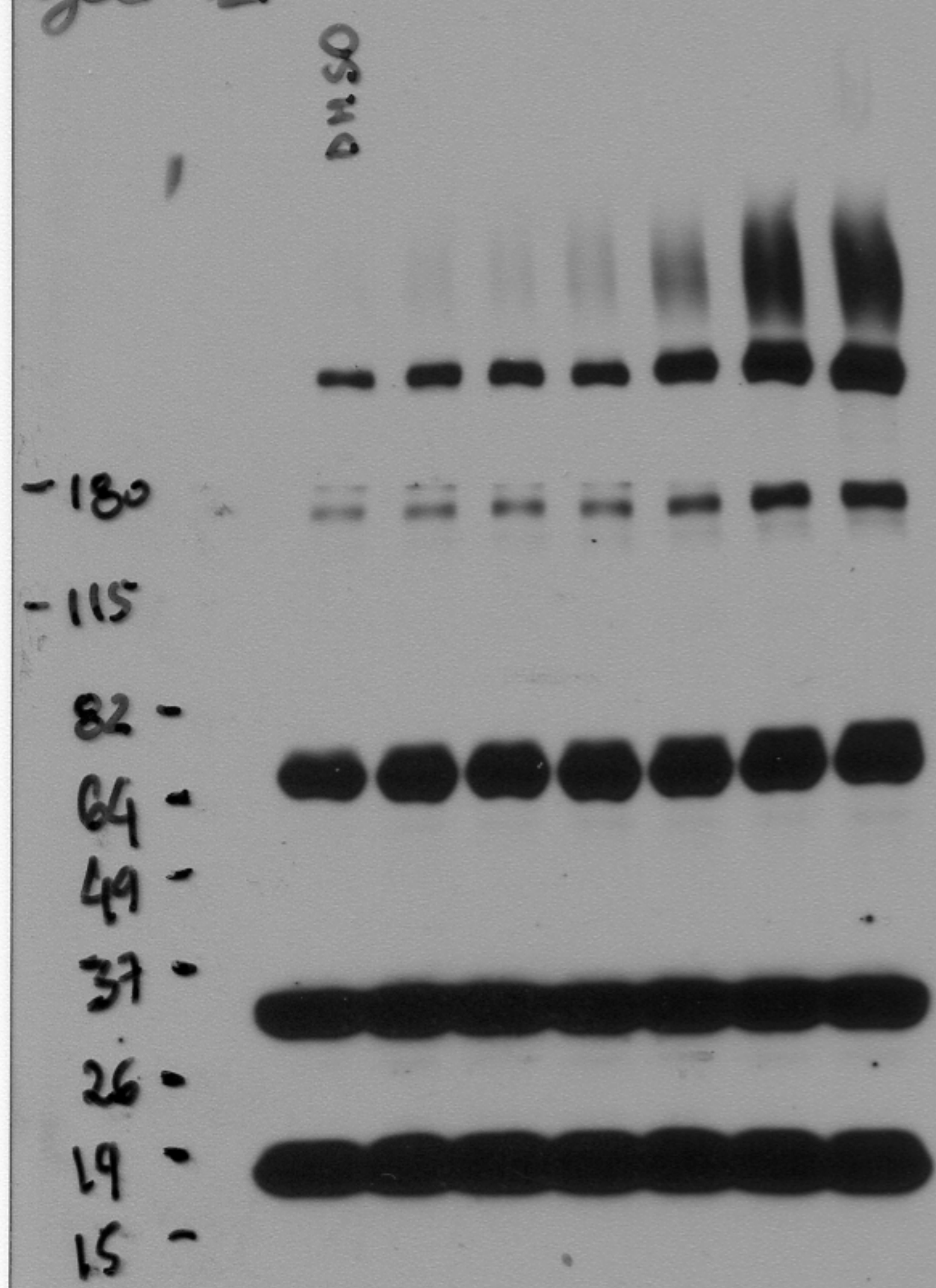
308C
ECL
12.9.10

25ug
12.7.2010 samples
PC3 x 30 min

FIGURE 2. PANEL A RIGHT (PC3 cells)

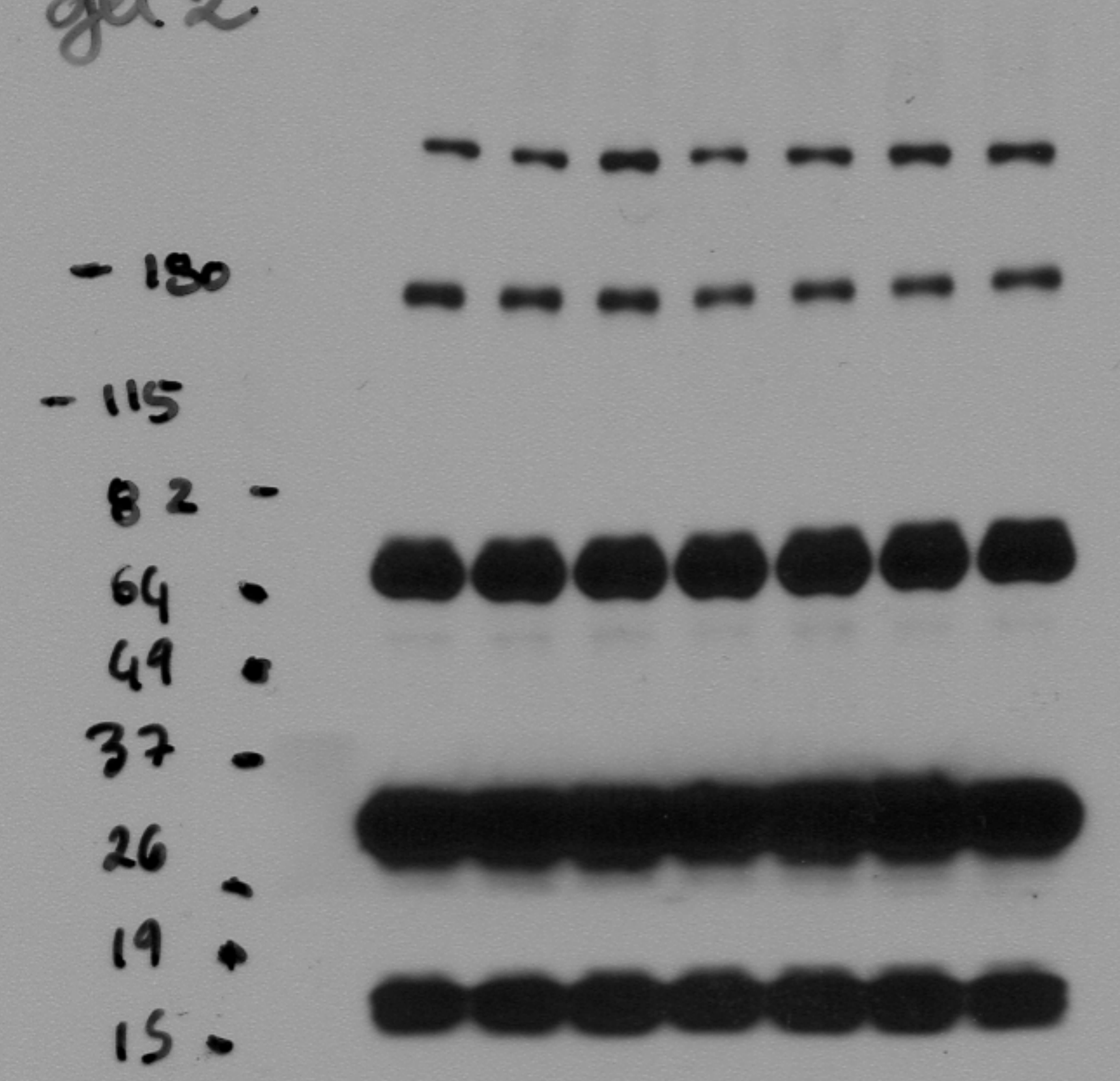
Exposure for : a) P-Raptor b) Raptor total b) Acc total used in the paper

gel 1



P-ACC
P-Raptor • OK

gel 2



Acc • OK
Raptor • OK

Samples were prepared in duplicate and loaded on 2 gels (gel 1, 2)

5 min
ECL
12.9.10

25ug
12.710 samples
PC3 x 30min

FIGURE 2 PANEL A RIGHT (PC3 cell)

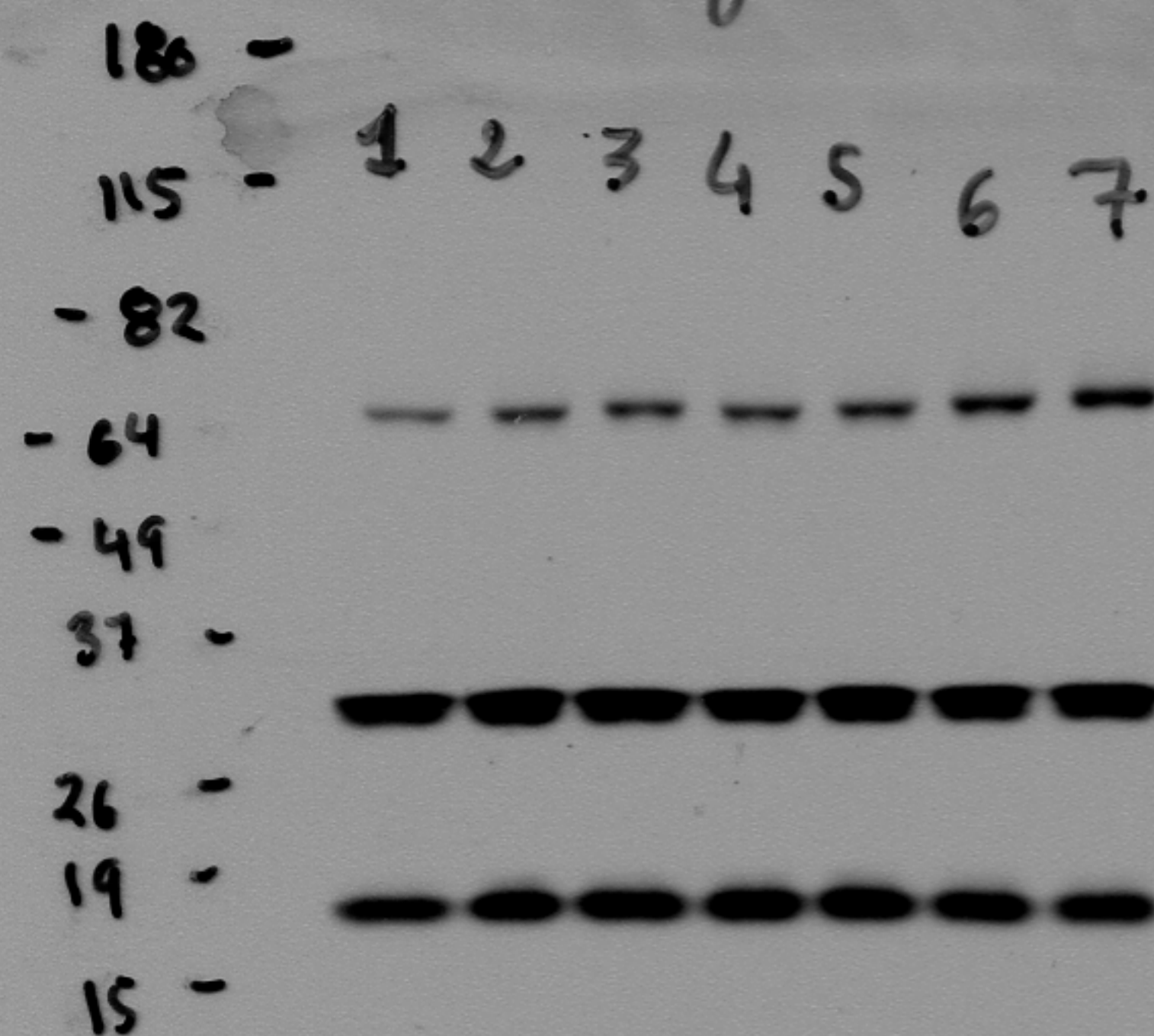
Exposure for: P-AMPK
AMPK Tot (10sec)

Legend

- 1 = DMSO
- 2 = 250 nM MT63-78
- 3 = 500 nM MT63-78
- 4 = 1 μM MT63-78
- 5 = 5 μM MT63-78
- 6 = 25 μM MT63-78
- 7 = 50 μM MT63-78

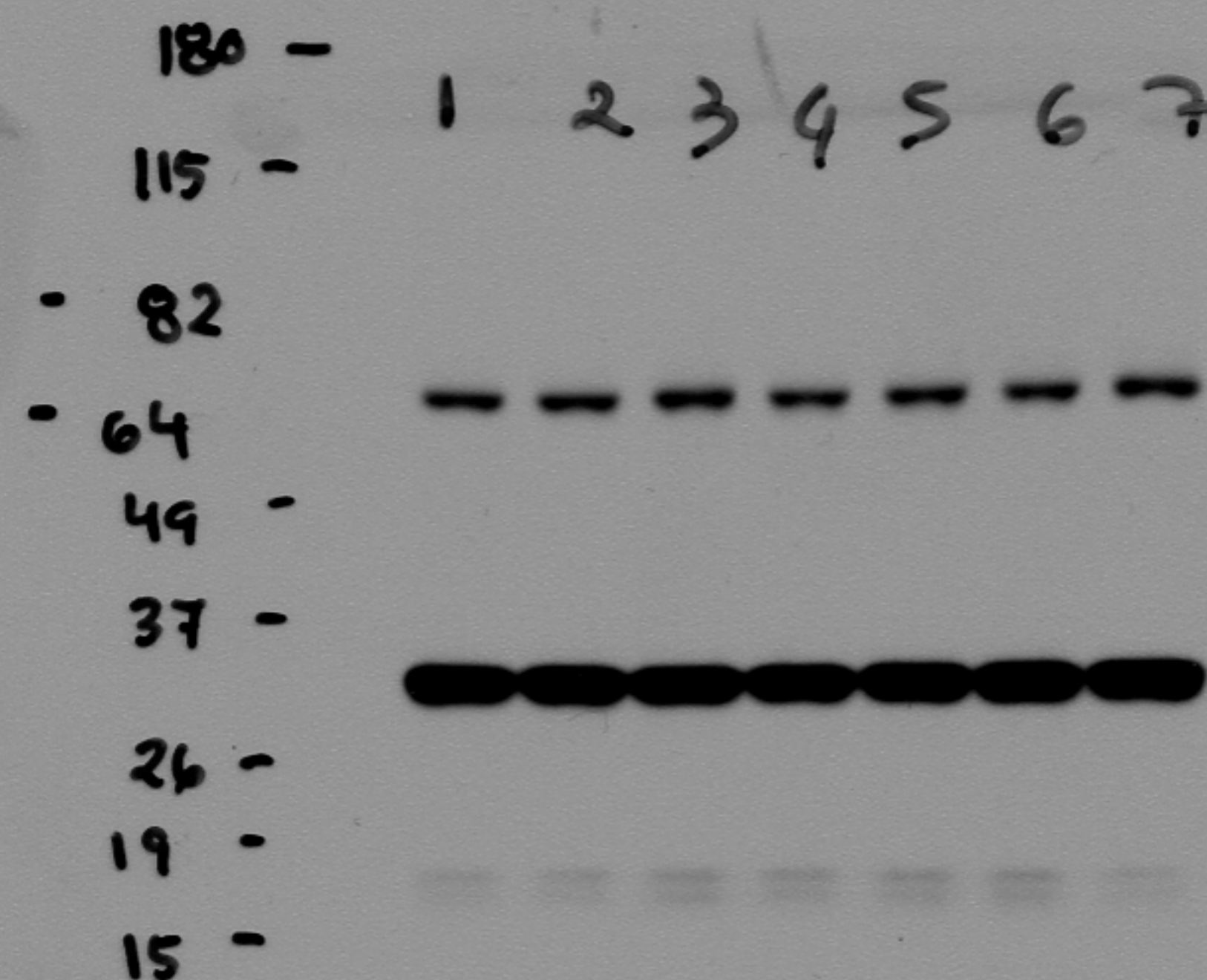
12.9.10

gel 1



P-AMPK • (3) OK

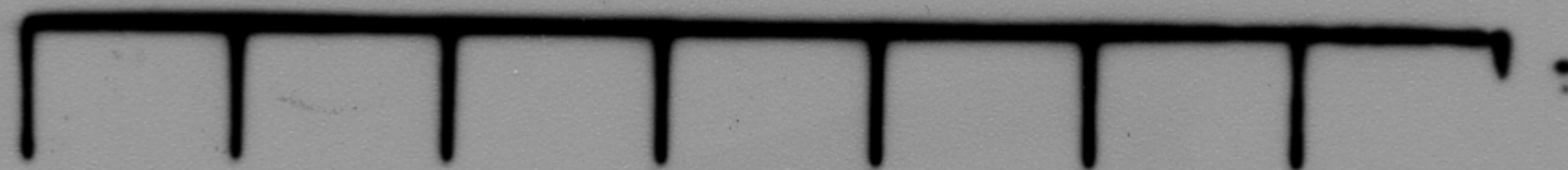
gel 2



AMPK • OK

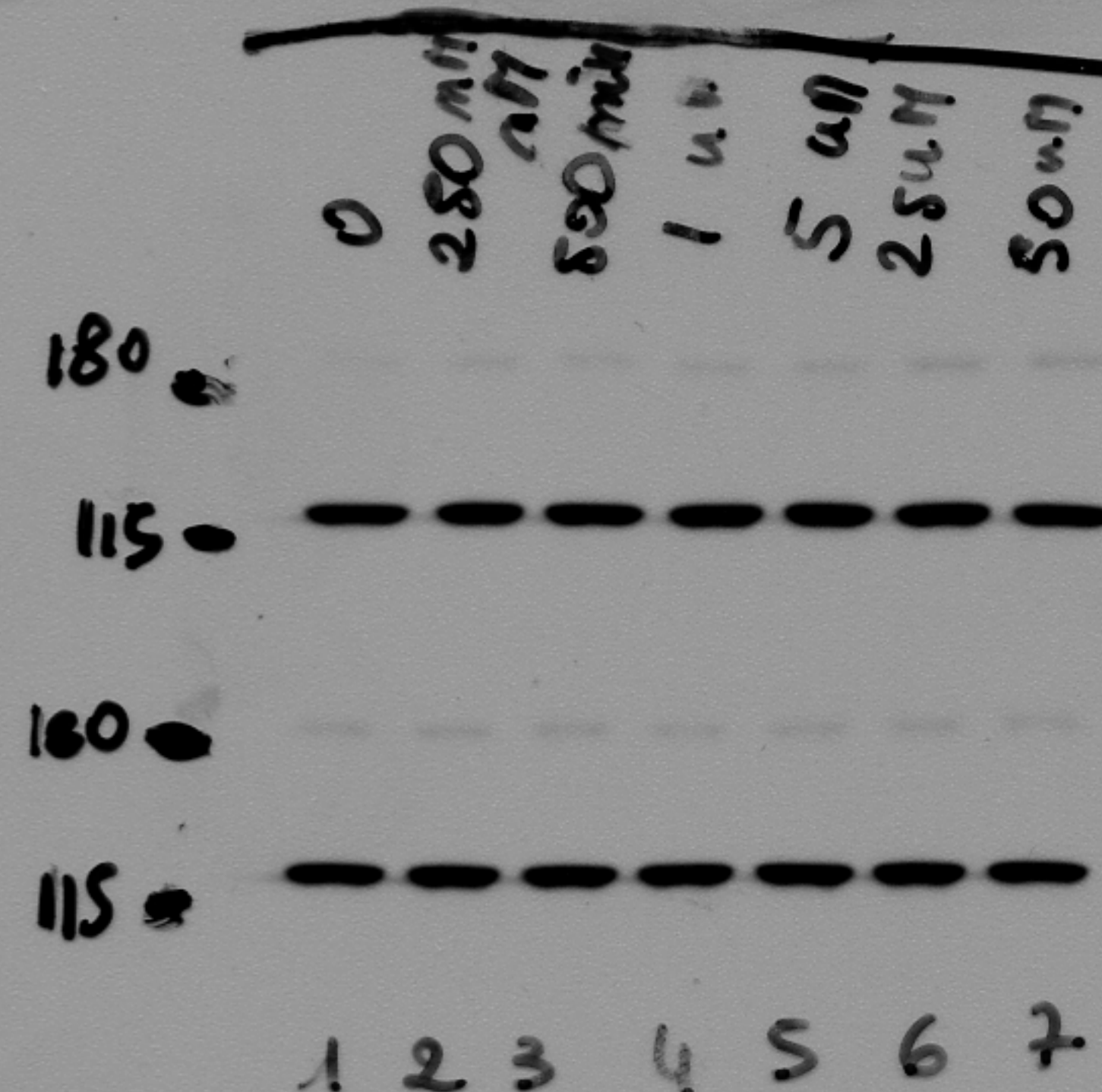
Samples were prepared in duplicate and loaded on 2 gels (gel 1, 2)

10 Sec (2nd)
ECC
12.9.10



MT 63-78

PC3 - 30 min treatment



Re-blot

← VINCLIN (on P-Raptor membrane) gel 1

← VINCLIN (on Raptor membrane) • OK gel 2

5 sec EU

12/10/2010

FIGURE 2 PANEL A RIGHT
(PC3 cells)

EXPOSURE FOR VINCLIN
used in the paper (5 sec)

LEGEND:

- 1 = DMSO (0 μM 63-78)
- 2 = 250 nM MT 63-78
- 3 = 500 nM // //
- 4 = 1 μM // //
- 5 = 5 μM // //
- 6 = 25 μM // //
- 7 = 50 μM // //

Samples were prepared in duplicate
and loaded on 2 gels (gel 1, 2)

FIGURE 2 PANEL D

Exposure for P-ACC
1 min 9.4.09 in the paper

MEF d1/d2KO

MEF wt

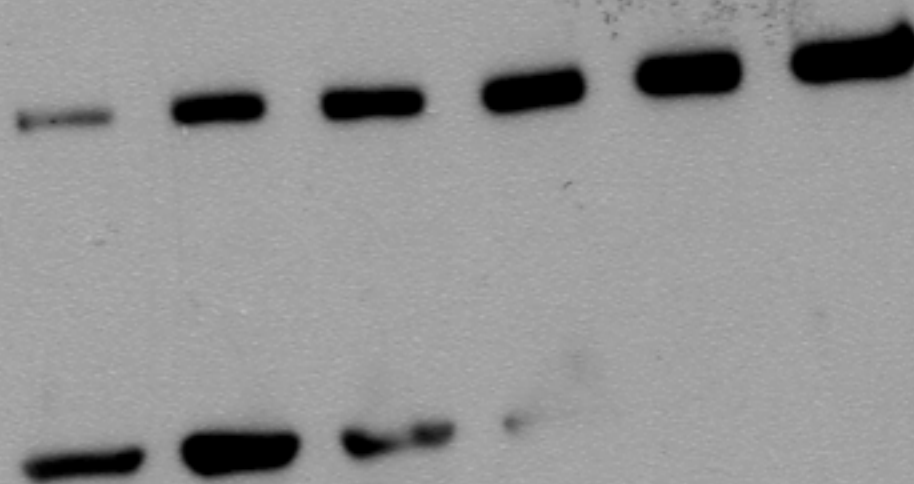
[MT 63-78] [MT 63-78]

DMO 0.5 - 5 25 50

1 2 3 4 5 6

DMO 0.5 - 5 50

7 8 9 10 11 12



→ P-ACC

180.

FIGURE 2 PANEL D

Exposure for ACC total
(10Kc) 9.4.09 in the paper

MEF d1/d2 KO

MEF wt

DMSO 500nM 100nM 50nM 250nM 500nM
1 2 3 4 5 6

DMSO 500nM 100nM 50nM 250nM 500nM
7 8 9 10 11 12

HT63-78

ACC

10K

FIGURE 2 PANEL D

Exposure for
 (P) RAPTOR used
 in the paper (8 min)
 9.04.09

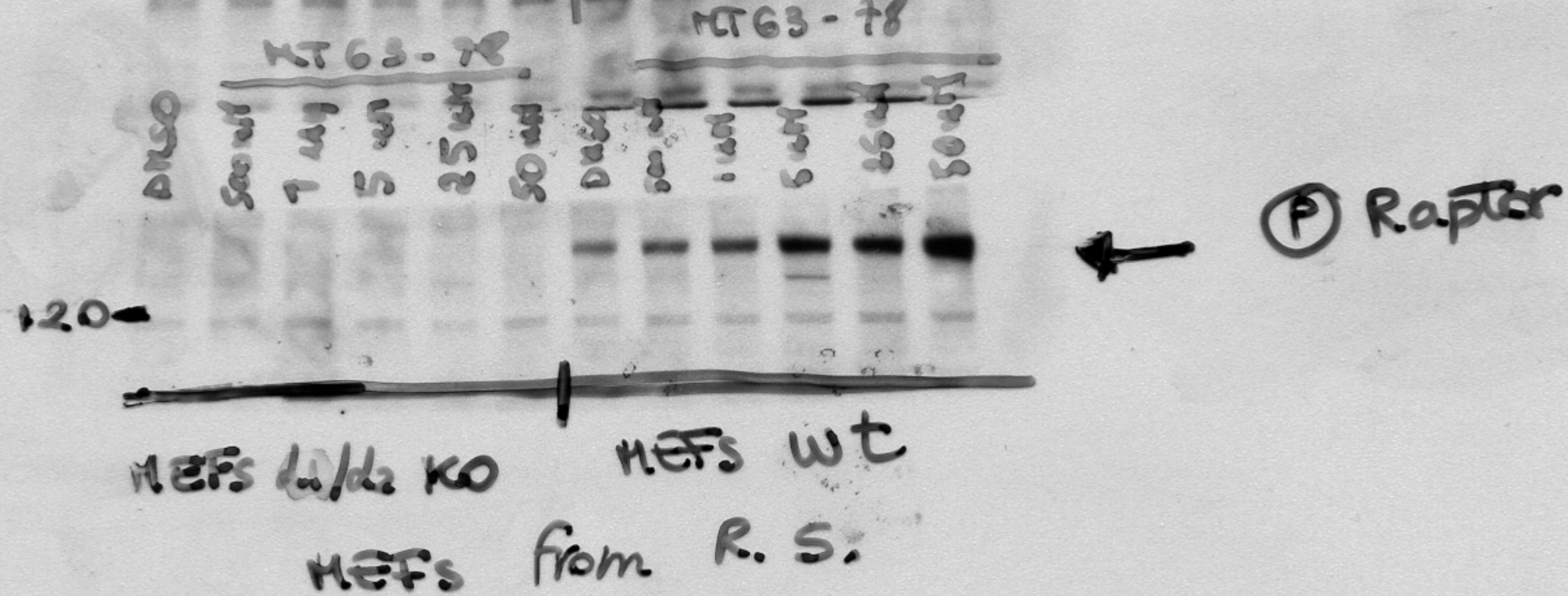
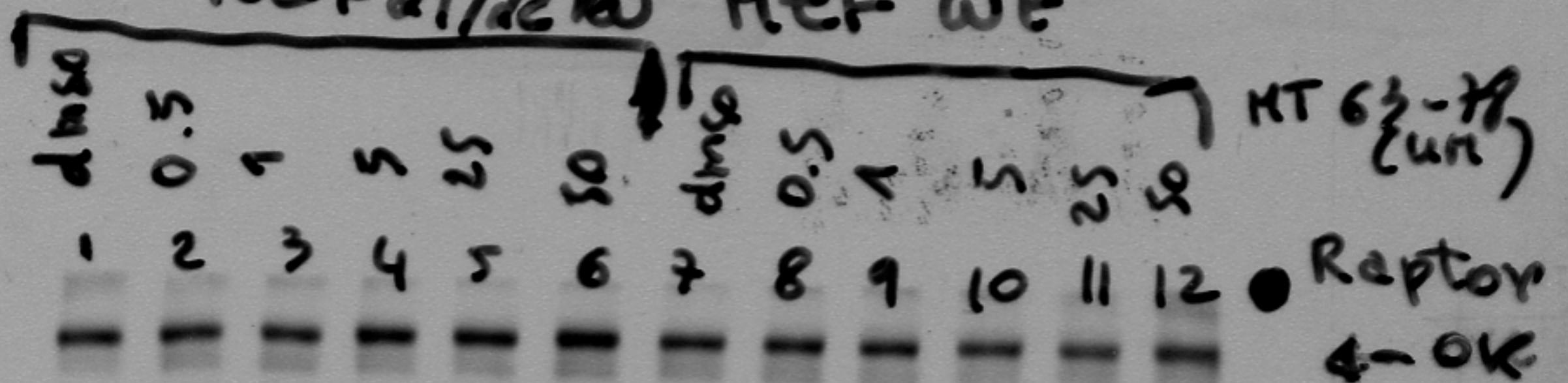


FIGURE 2 PANEL D

Exposure for RAPTOR TOTAL
(1 min) used in the paper

MEF d1/d2 KO MEF wt



120 -

46 -

25 -

20 -

MT 63-79
(un)

Raptor
4-OK

B1
B2 } AMPK

FIGURE 2 PANEL D

Exposure for
P-AMPK 30 sec

60

1 2 3 4 5 6 7 8 9 10 11 12

P-AMPK

LEGEND

1 = 0 μ M HT63-78

2 = 0.5 μ M

3 = 1 μ M

4 = 5 μ M

5 = 25 μ M

6 = 50 μ M

HEF

d1/d2

KO

7 = 0 μ M HT63-78

8 = 0.5 μ M

9 = 1 μ M

10 = 5 μ M

11 = 25 μ M

12 = 50 μ M

HEF

WT

FIGURE 2 PANEL D

Exposure for ANPK total
(10 sec) 4.4.09 in the paper

MT 63-78 x 30 min

MEP d1/d2 KO

MEP WT

DN4	500N	100N	50N	25N	50N	DN4	500N	100N	50N	25N	50N
1	2	3	4	5	6	7	8	9	10	11	12

ACC

ANPK

+

OK

↑

FIGURE 2 PANEL D

EXPOSURE FOR $\beta 1/\beta 2$ AMPK
used in the paper 9.4.09 2min

MEF $\alpha 1/\alpha 2$ KO

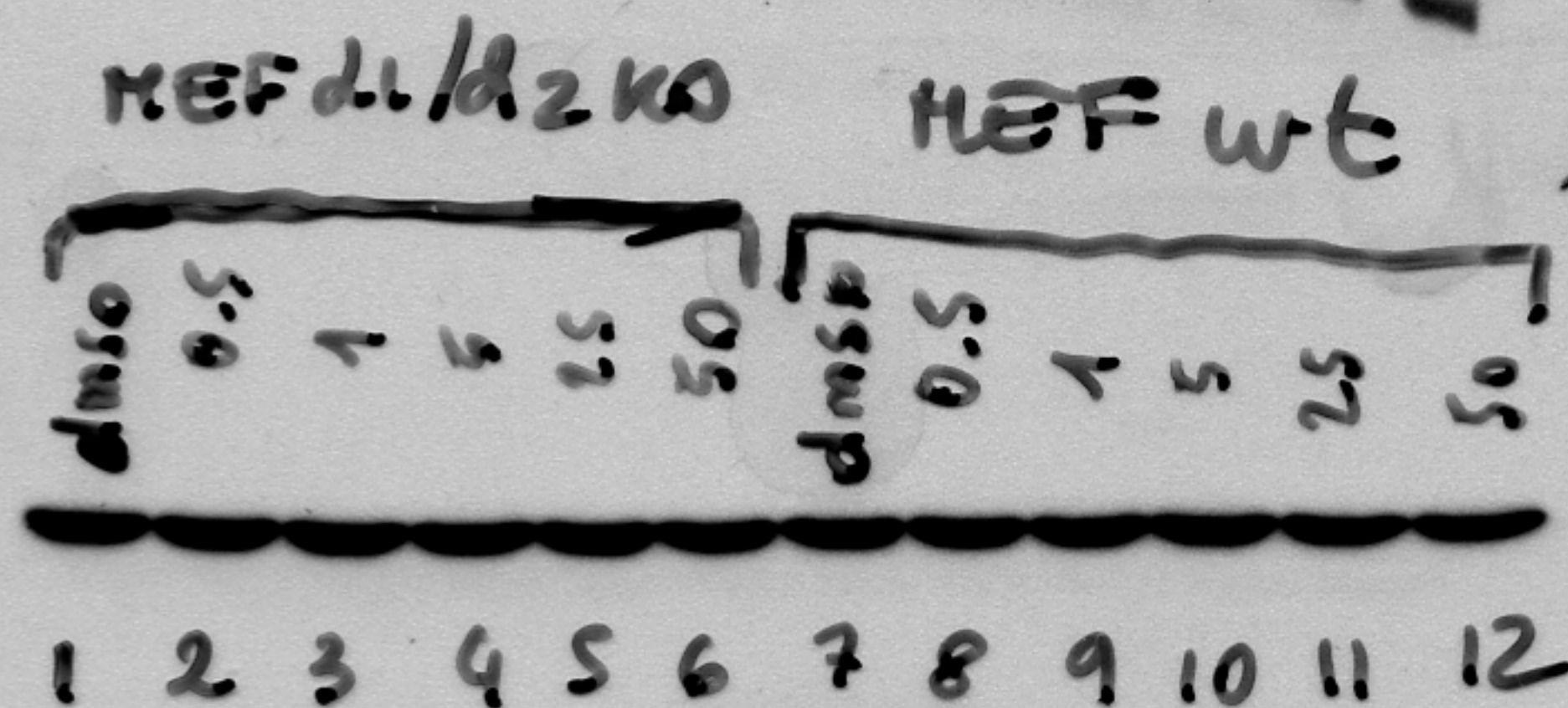
MEF WT



FIGURE 2 PANEL D

Exposure for
β-actin (10 sec)
used in the
paper 9.4.09

50,



MT 63-78 (uM)
β-actin

← (P)ACC

MT 63-78