



Figure 1G

Figure 1G



Figure 1G



Figure 1G

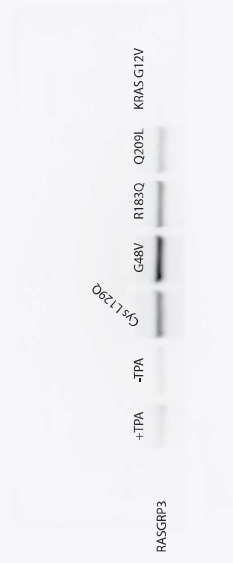


Figure 2B

Cyclin D1
CYSLTR2 L129Q
0, 2, 4, 8, 24, 24+TPA

Cyclin D1
GNAQ Q48V
0, 2, 4, 8, 24, 24+ TPA

Cyclin D1
GNAQ R183Q
0, 2, 4, 8, 24, 24+TPA

Cyclin D1
GNAQ Q209L
0, 2, 4, 8, 24, 24+TPA



GAPDH CYSLTR2 L129Q GAPDH GNAQ Q48V
0, 2, 4, 8, 24, 24+TPA 0, 2, 4, 8, 24, 24+TPA

GAPDH
GNAQ R183Q
0, 2, 4, 8, 24, 24+TPA

GAPDH
GNAQ Q209L
0, 2, 4, 8, 24, 24+TPA

Figure 2B

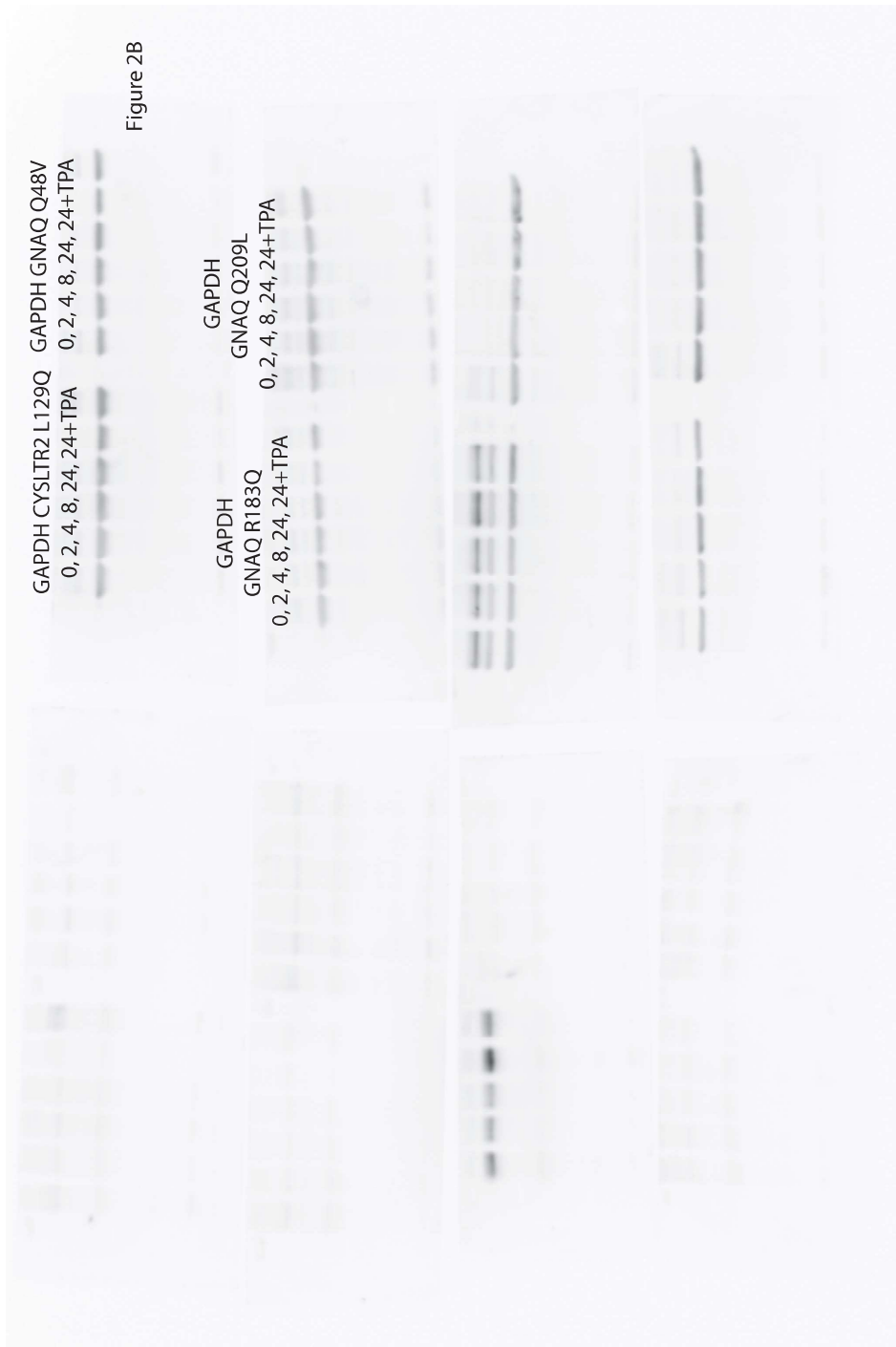


Figure 2B

p-GRF
CYSLTR2 L129Q
0, 2, 4, 8, 24, 24+TPA



Figure 2B

p-ERK1/2 CYSLTR2 L129Q 0, 2, 4, 8, 24, 24+TPA	p-ERK1/2 GNAQ Q48V 0, 2, 4, 8, 24, 24+TPA	p-ERK1/2 GNAQ R183Q 0, 2, 4, 8, 24, 24+TPA	p-ERK1/2 GNAQ Q209L 0, 2, 4, 8, 24, 24+TPA
---	---	--	--

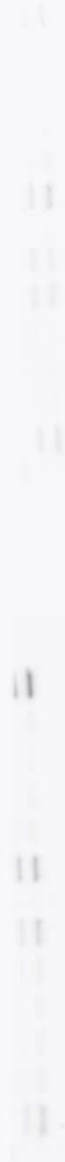


Figure 2B

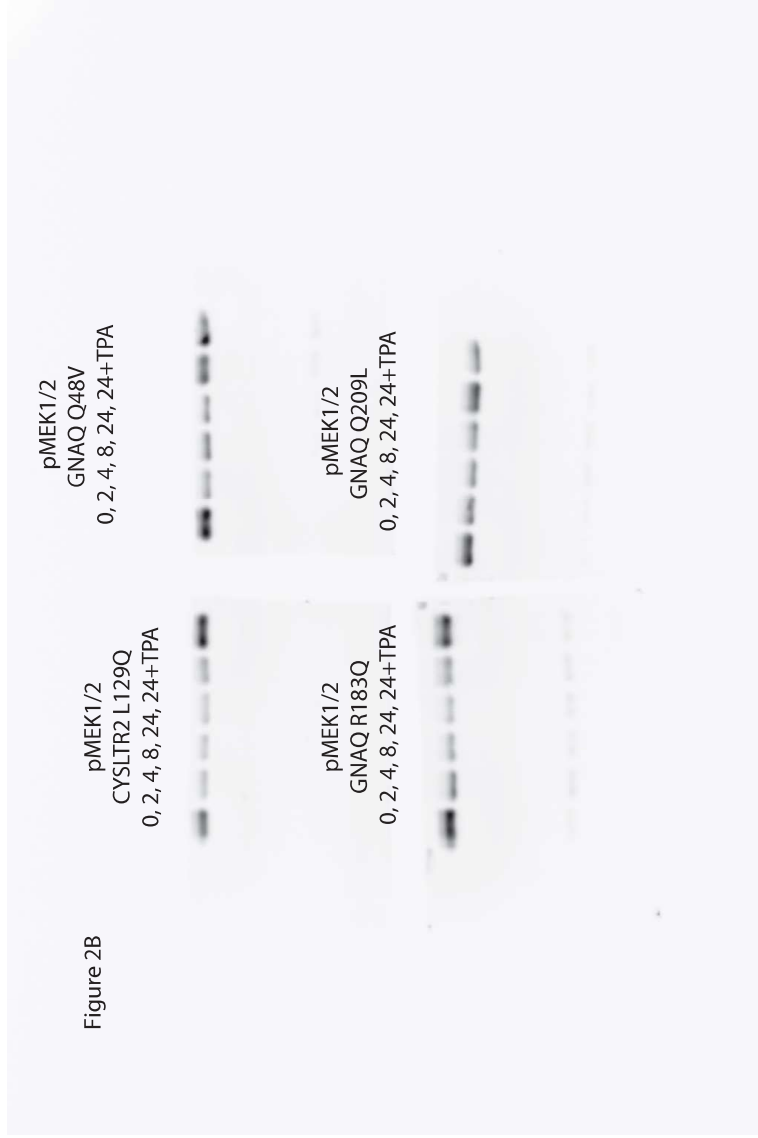


Figure 2B

p-RASGRP3
CYSLTR2 L129Q
0, 2, 4, 8, 24, 24+TPA



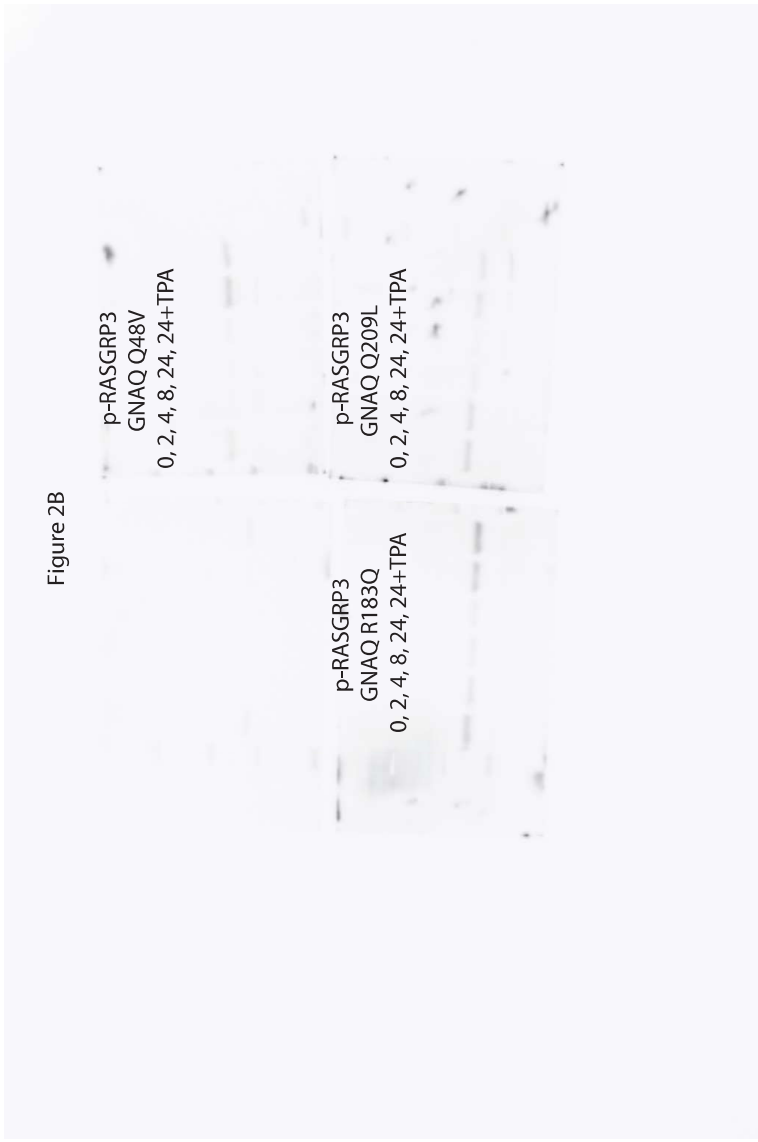


Figure 2B

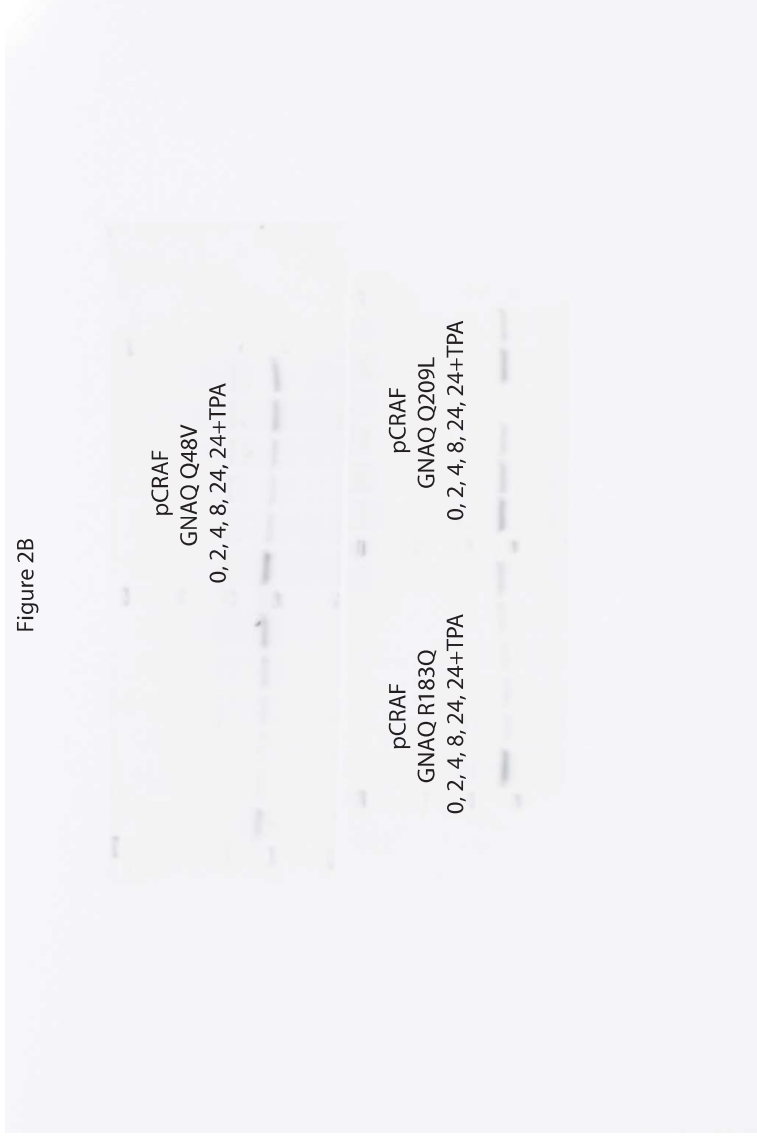


Figure 2B

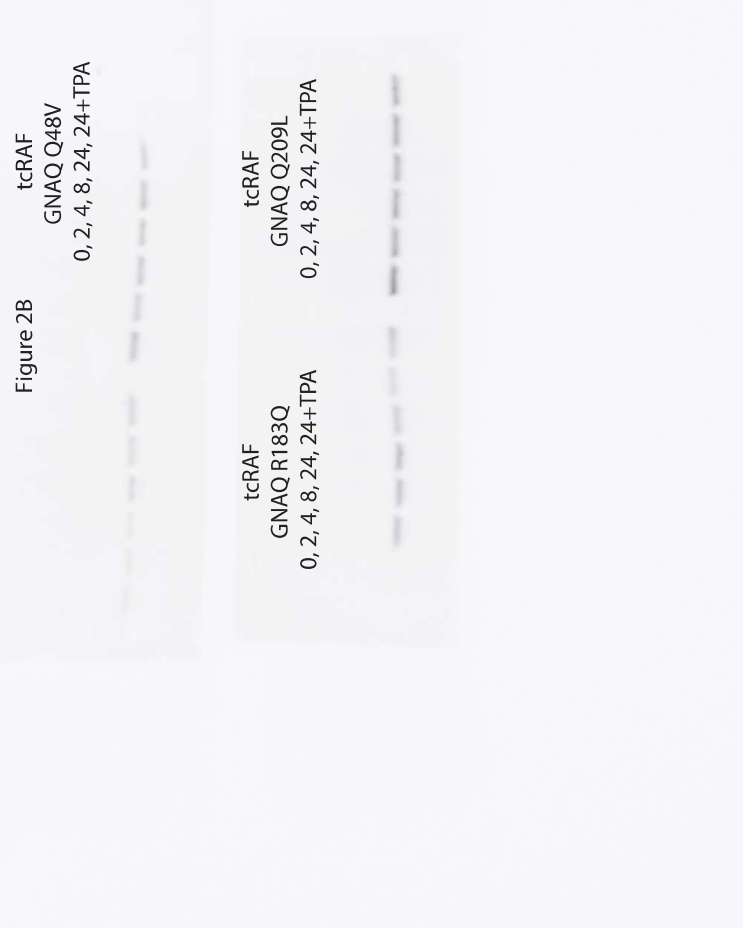


Figure 2B





Figure 2B

tRAFGRP3
CYSLTR2 L129Q
0, 2, 4, 8, 24, 24+TPA



Figure 2B

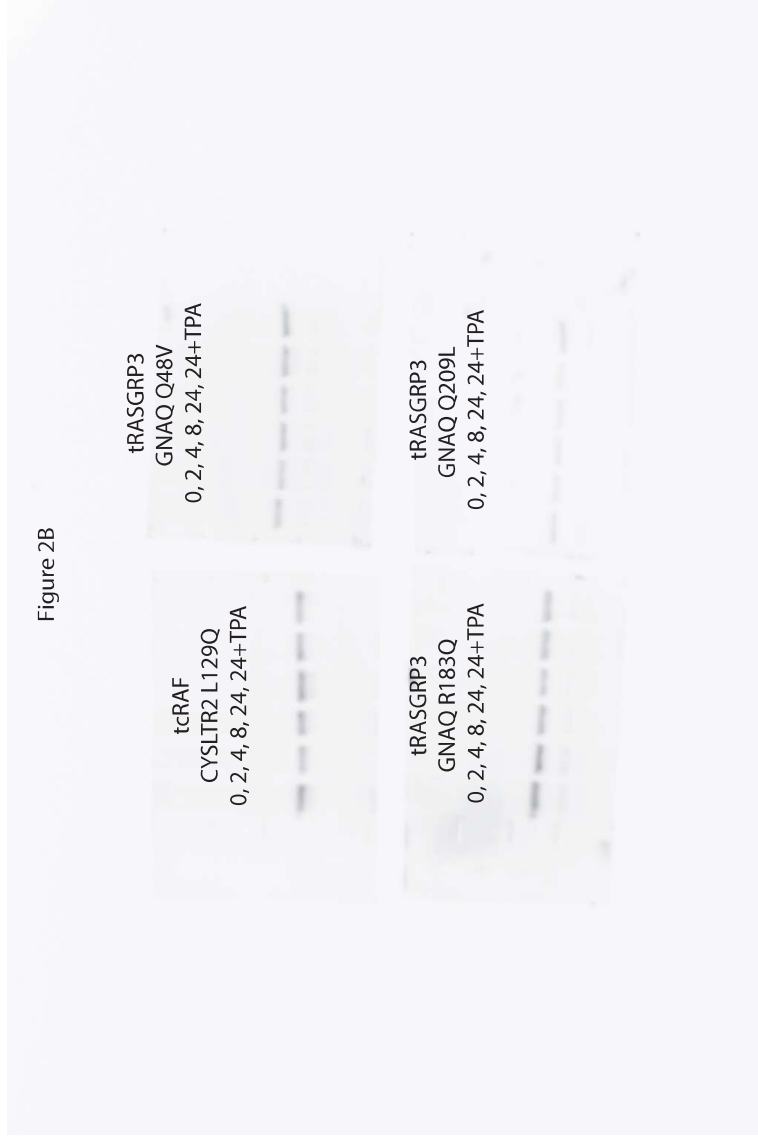


Figure 2D

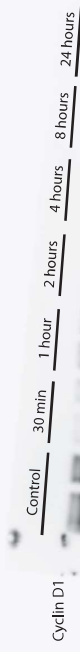


Figure 2D

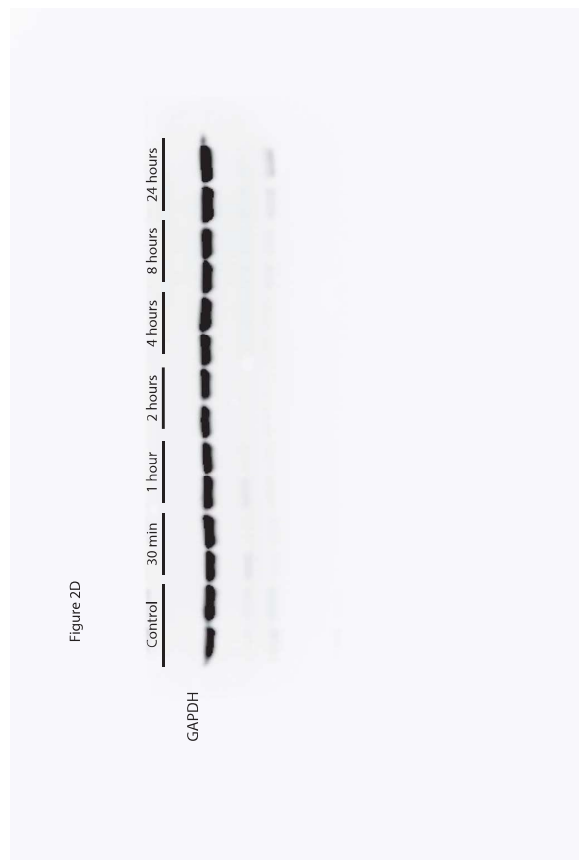


Figure 2D

Control 30 min 1 hour 2 hours 4 hours 8 hours 24 hours

pCRAF

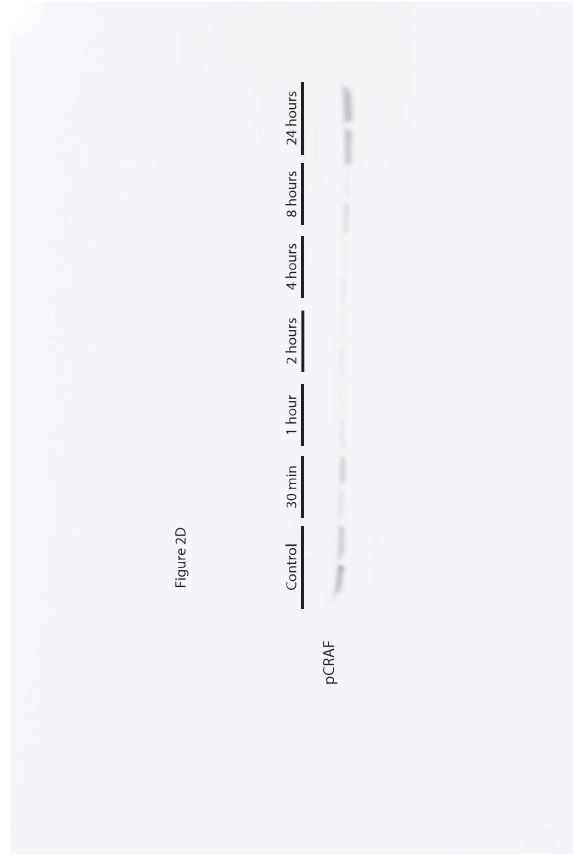
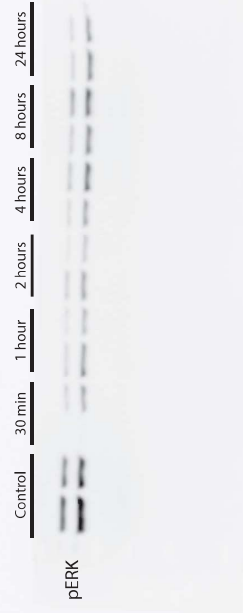


Figure 2D



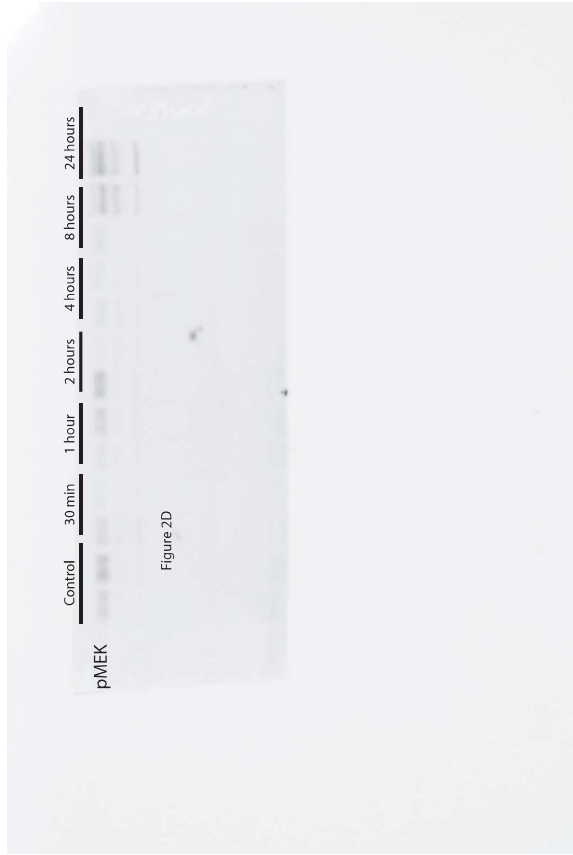
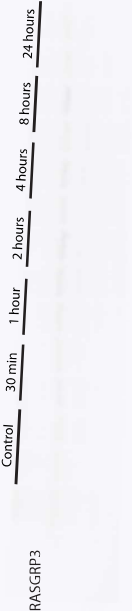


Figure 2D

Control 30 min 1 hour 2 hours 4 hours 8 hours 24 hours

pRASGRP3



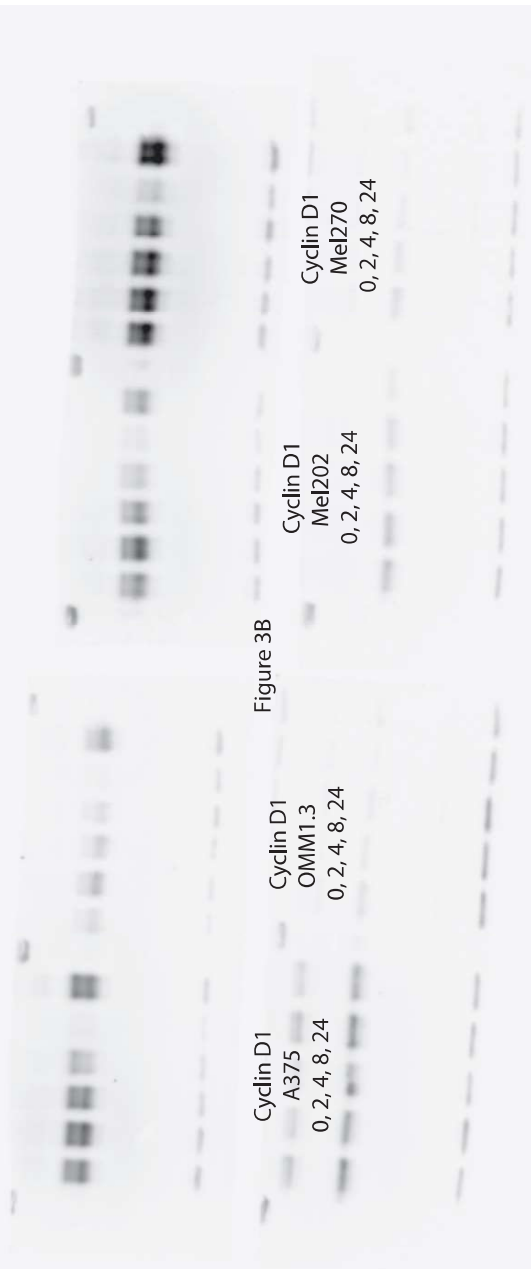


Figure 3B

Cyclin D1
A375
0, 2, 4, 8, 24

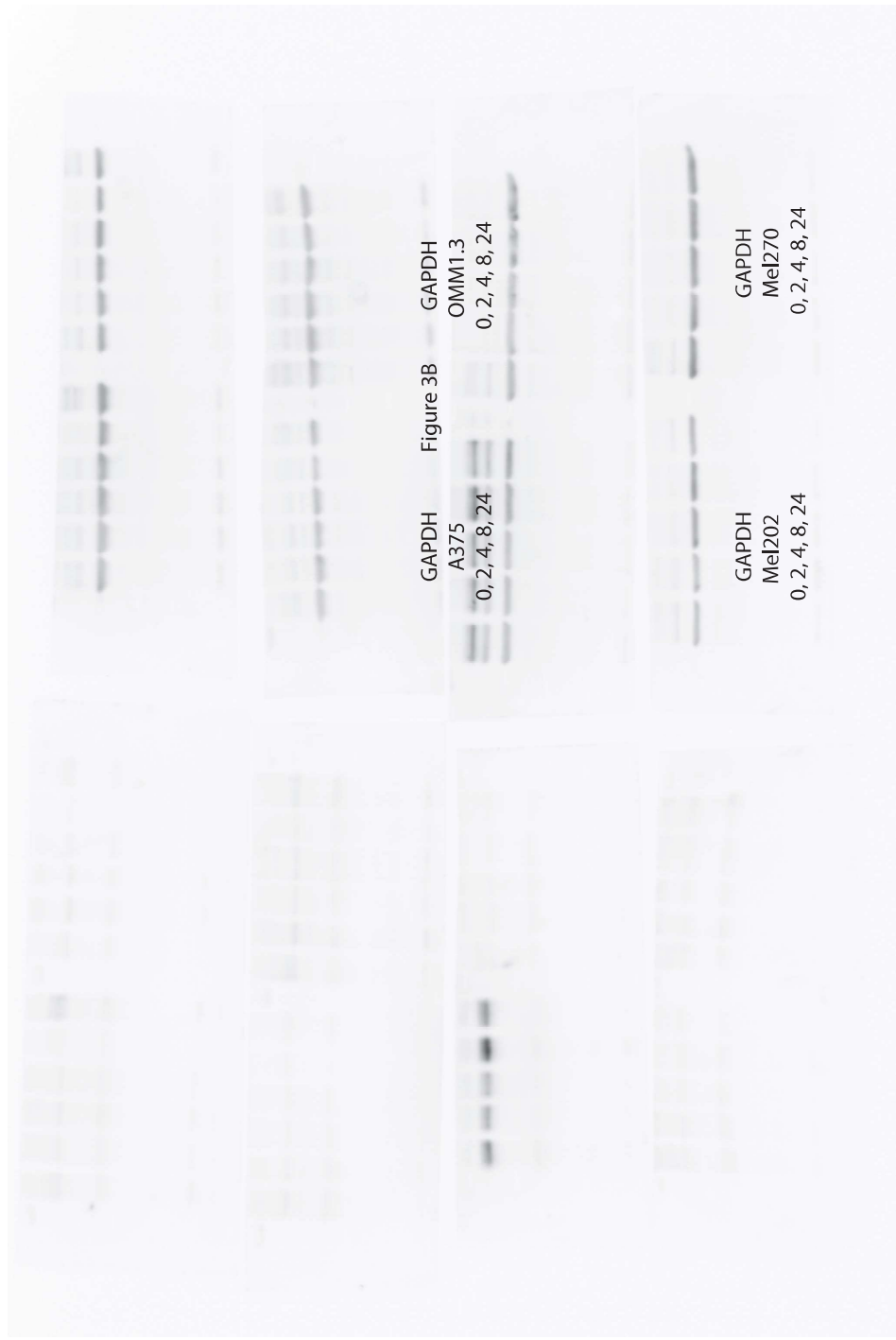
Cyclin D1
OMM1.3
0, 2, 4, 8, 24

Cyclin D1
Mel202
0, 2, 4, 8, 24

Cyclin D1
Mel270
0, 2, 4, 8, 24



Figure 3B



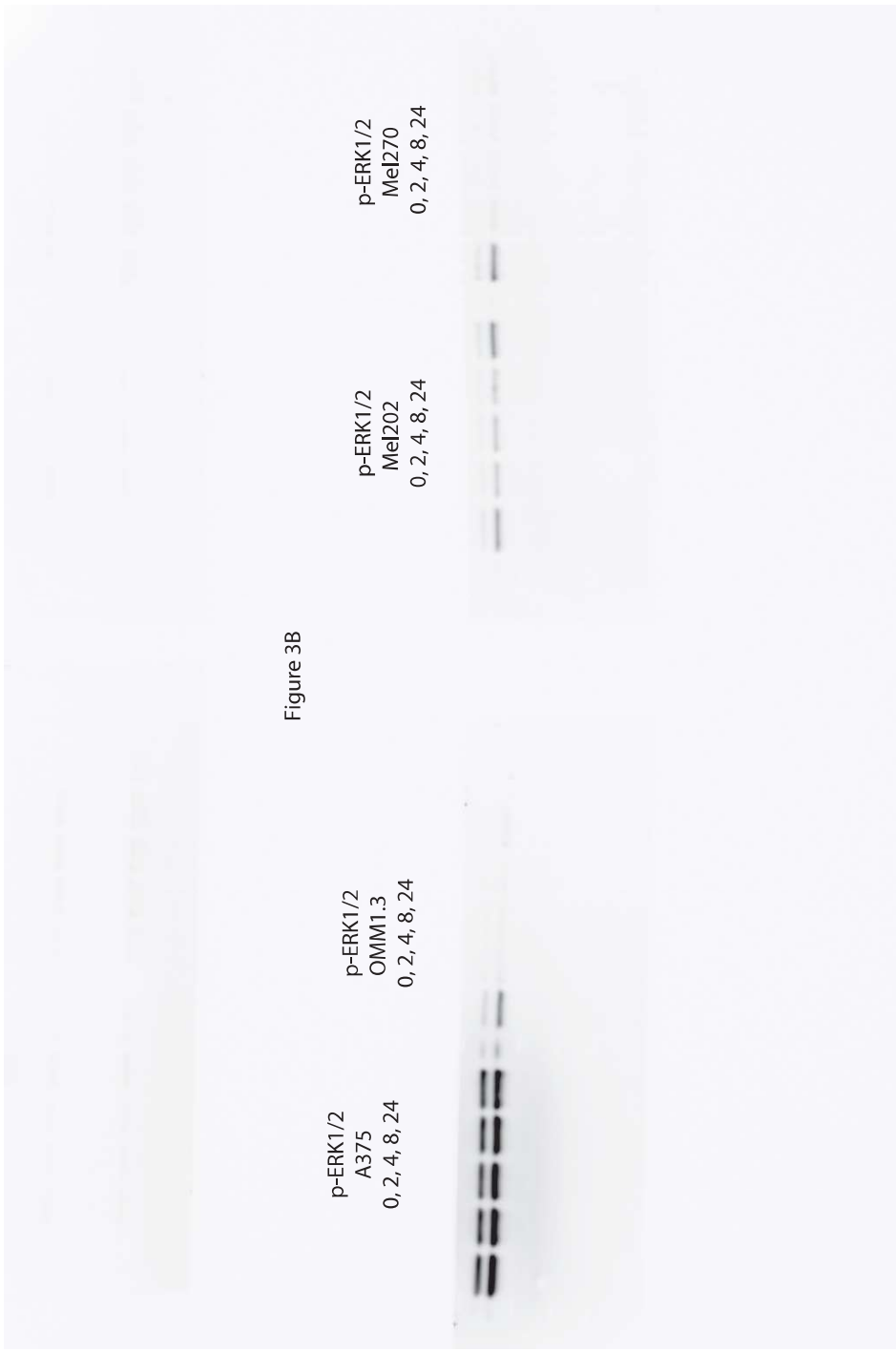


Figure 3B



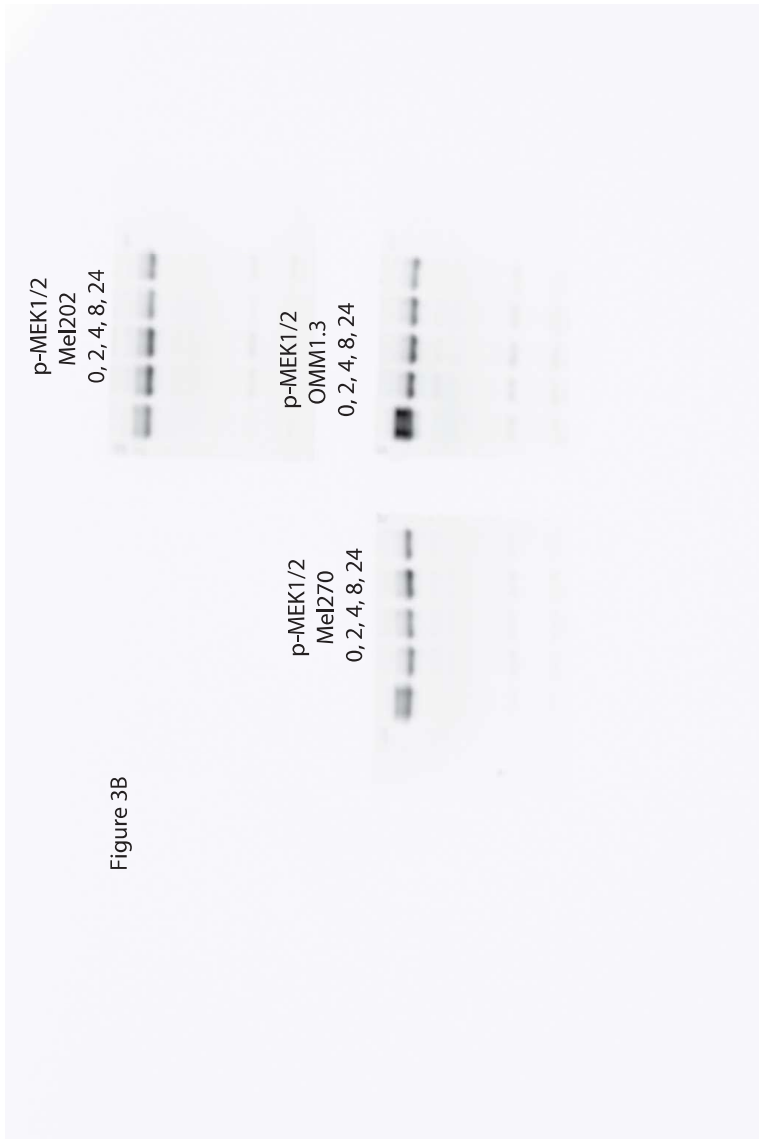


Figure 3B

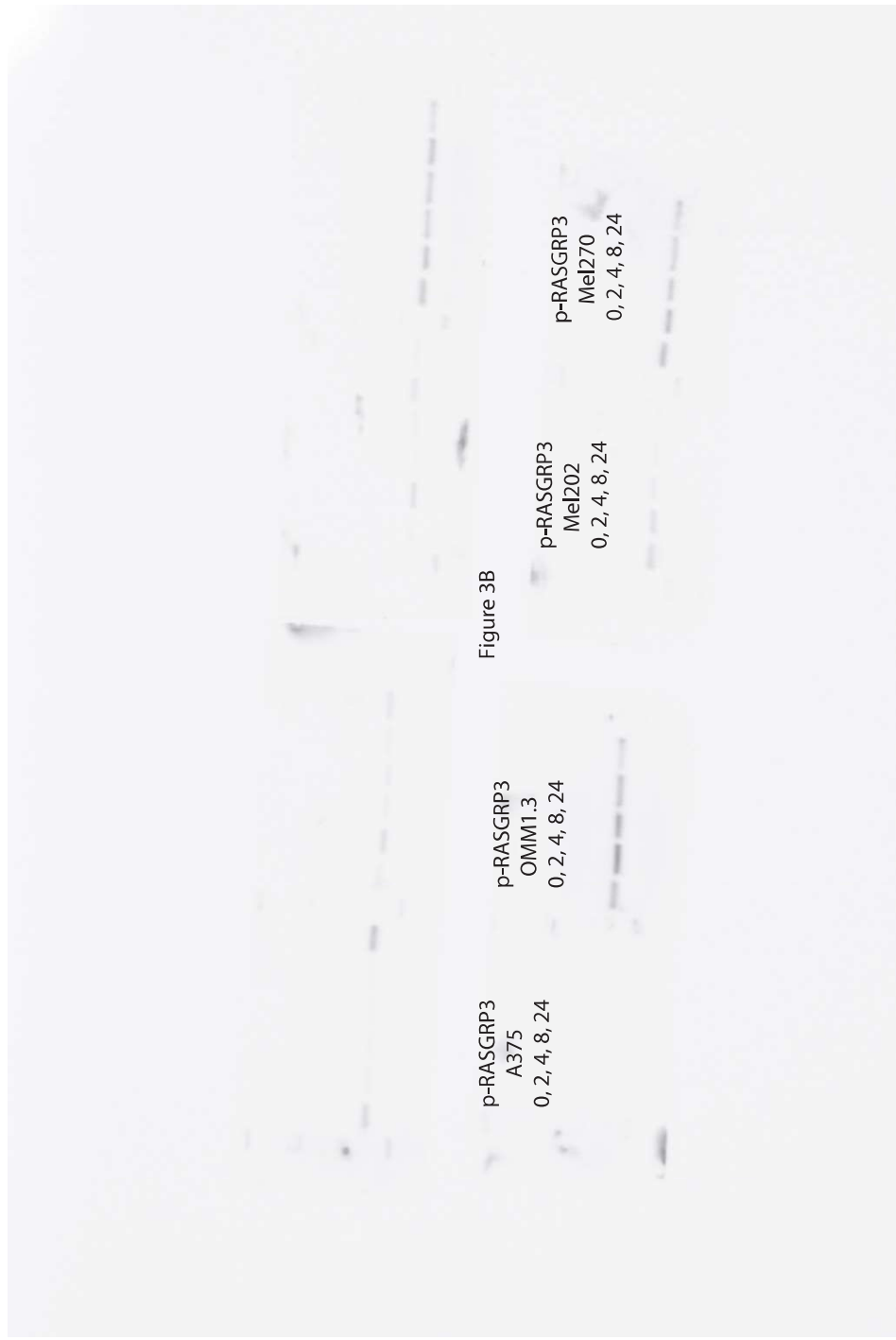


Figure 3B

p-RASGRP3
A375
0, 2, 4, 8, 24

p-RASGRP3
OMM1.3
0, 2, 4, 8, 24

p-RASGRP3
Mel202
0, 2, 4, 8, 24

p-RASGRP3
Mel270
0, 2, 4, 8, 24



Figure 3B

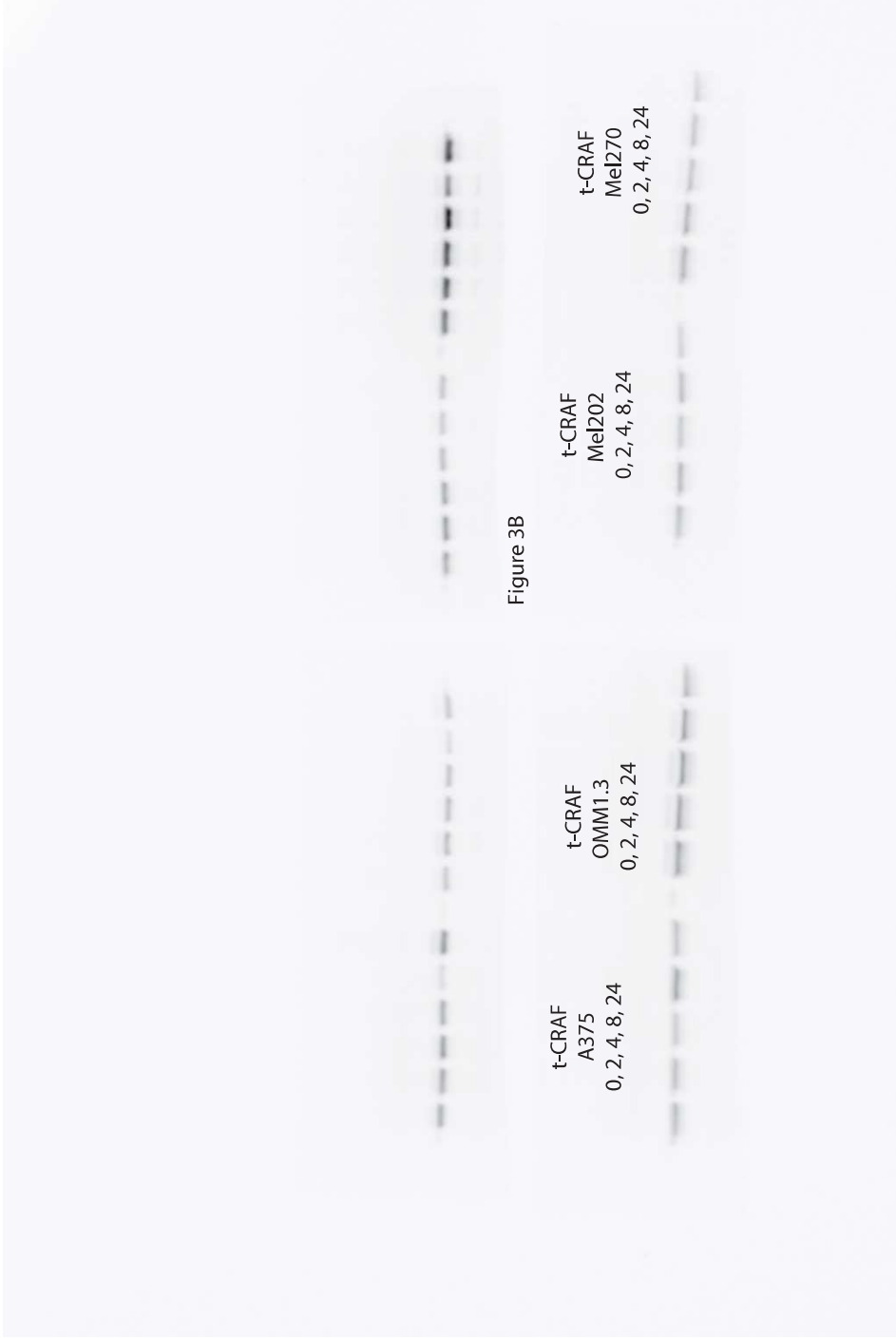




Figure 3B



Figure 3B

Figure 4G pRASGRP3



Figure 4G pCRAF



Figure 4G pMEK

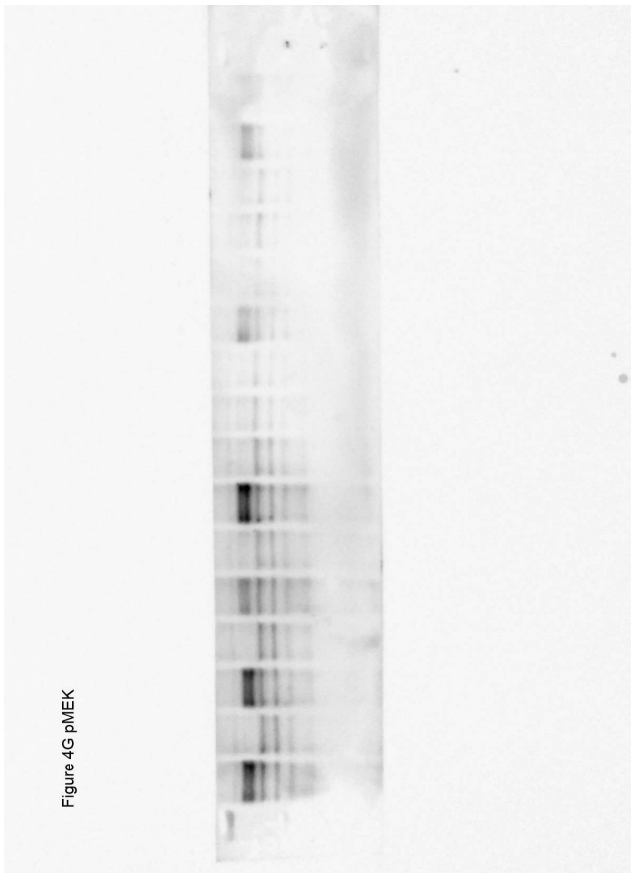


Figure 4G pERK

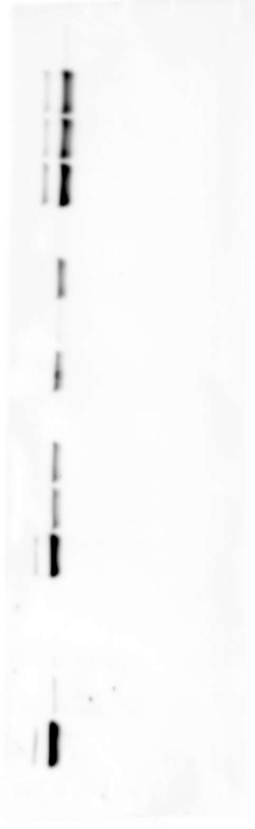


Figure 4G Cyclin D1



Figure 4G vinculin

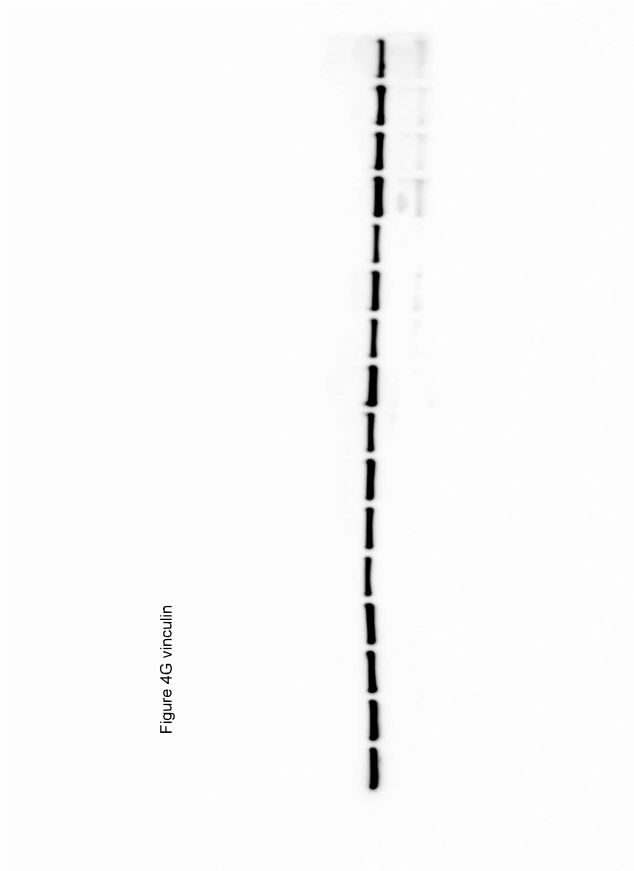




Figure 5F

OMM1.3	4hr	24hr	48hr	72hr	YM	TRAM
-	+	-	+	-	+	-
-	-	+	-	+	-	+

Cyclin D1



Figure 5E&F

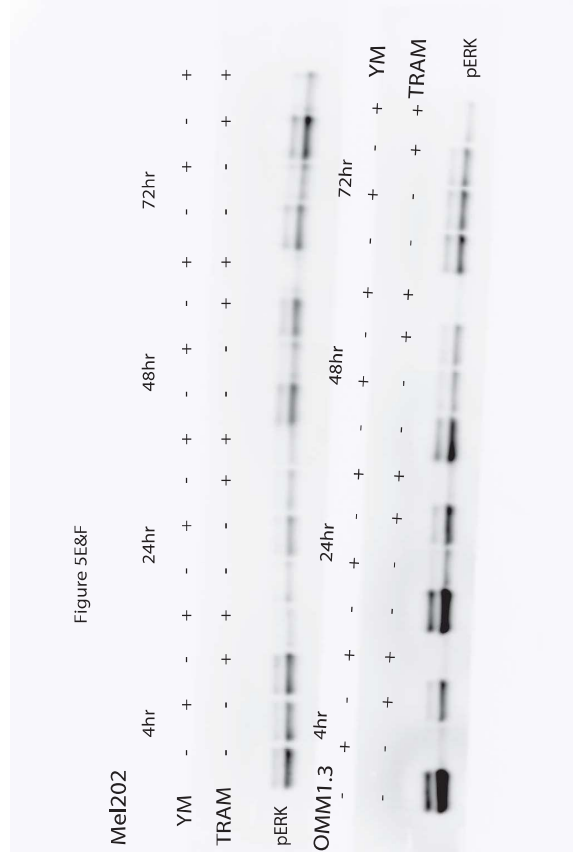


Figure 5E/F

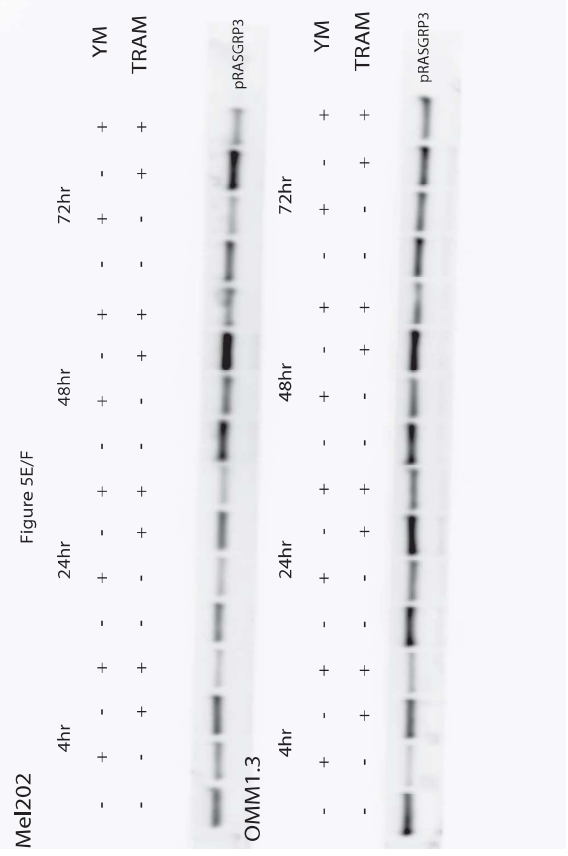


Figure 5E/F



Figure 5E/F





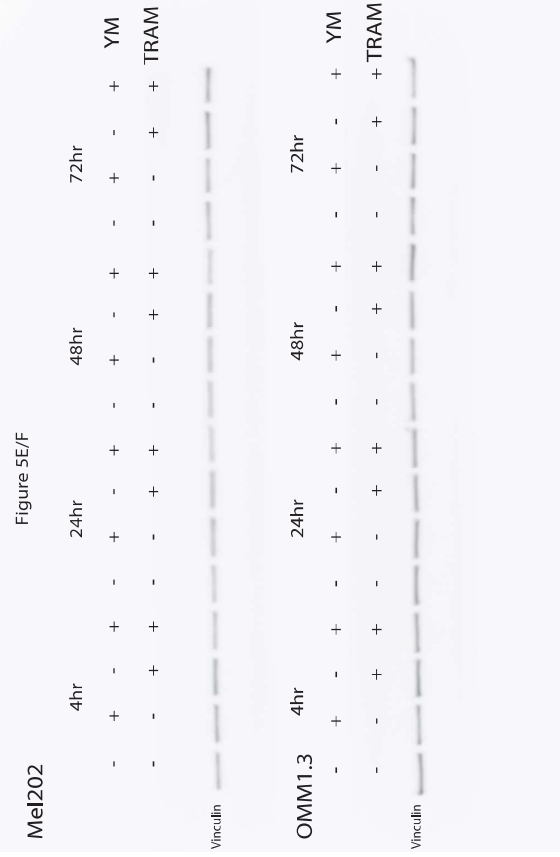


Figure 5G Cyclin D1



Figure 5G pCRAF

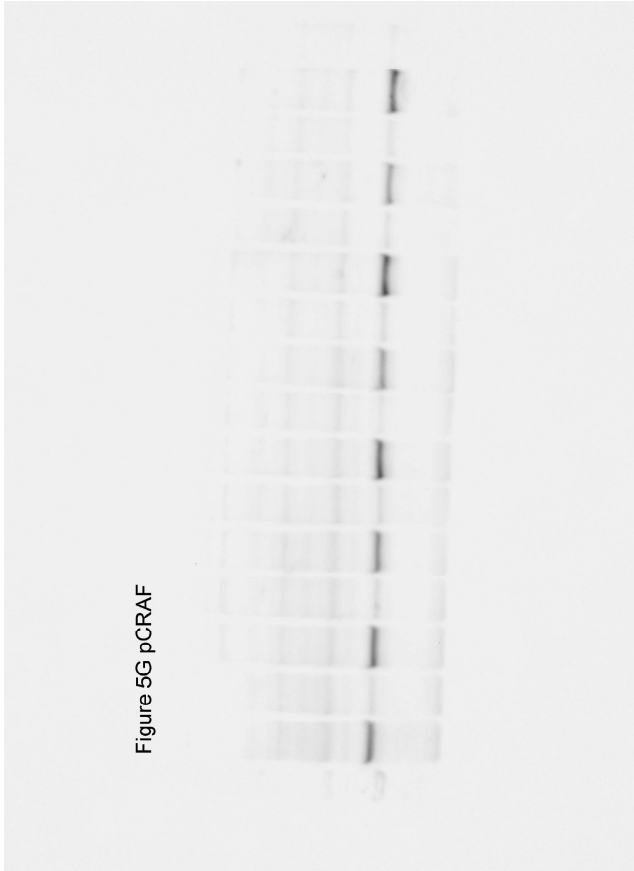


Figure 5G pERK

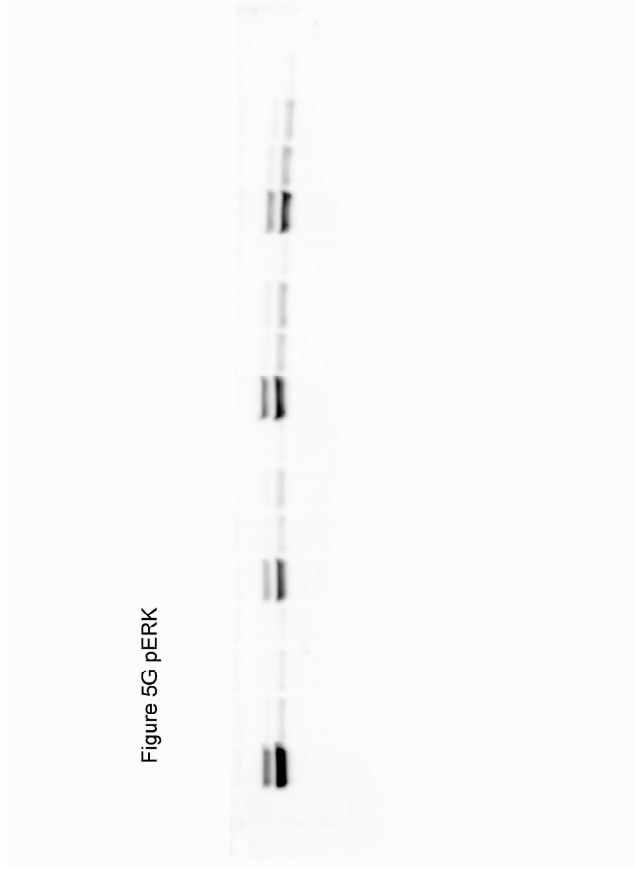
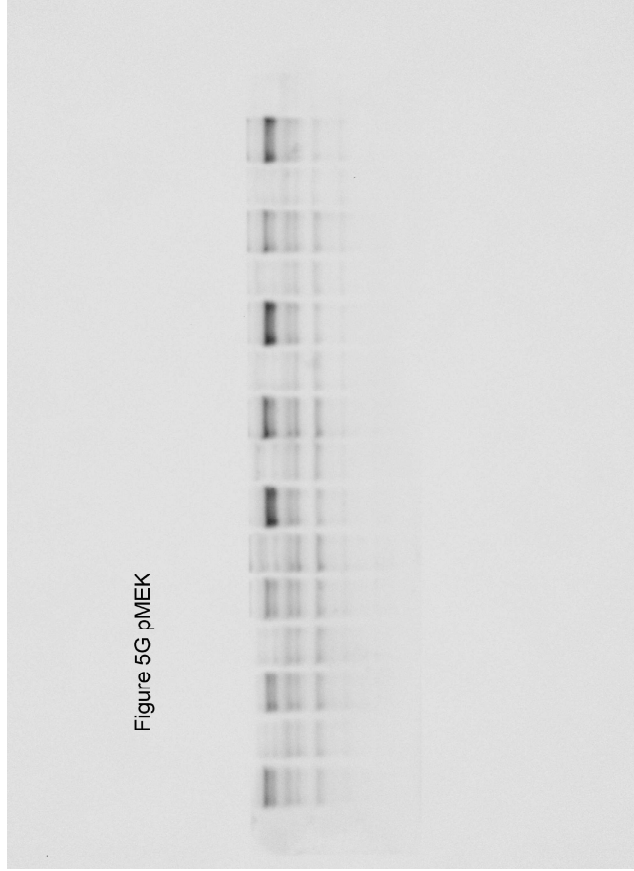


Figure 5G pMEK



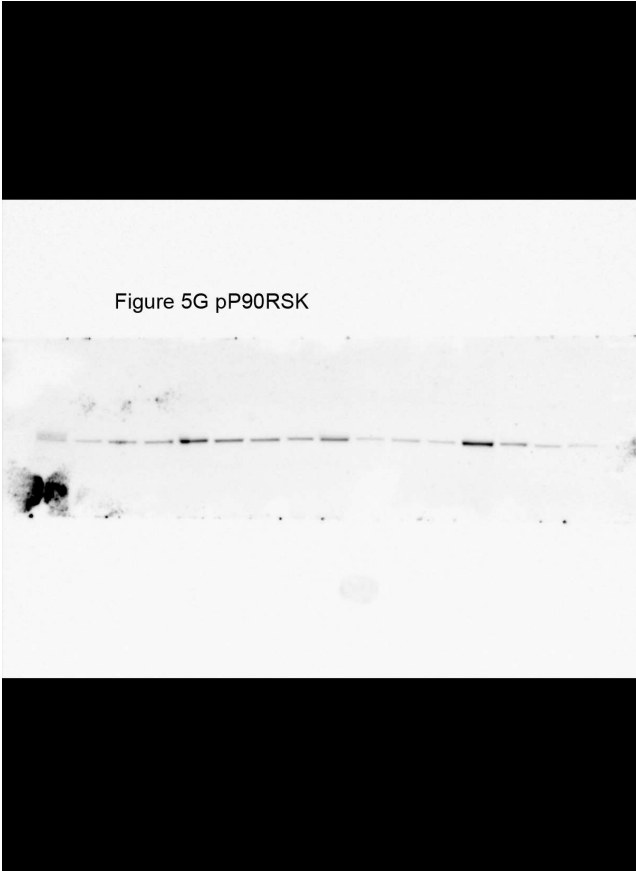


Figure 5G pRASGRP3



Figure 5G Vinculin



Figure 6D



Figure 6D



Figure 6D

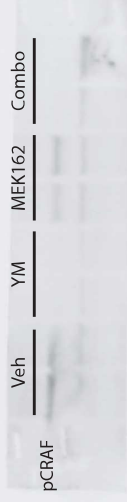


Figure 6D

pERK
Veh YM MEK162 Combo



Figure 6D

pMEK

Veh YM MEK162 Combo



Figure 6D

Veh YM MEK162 Combo

pRASGRP3



Figure 6D

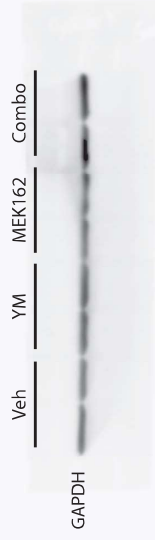


Figure 6F



Figure 6F

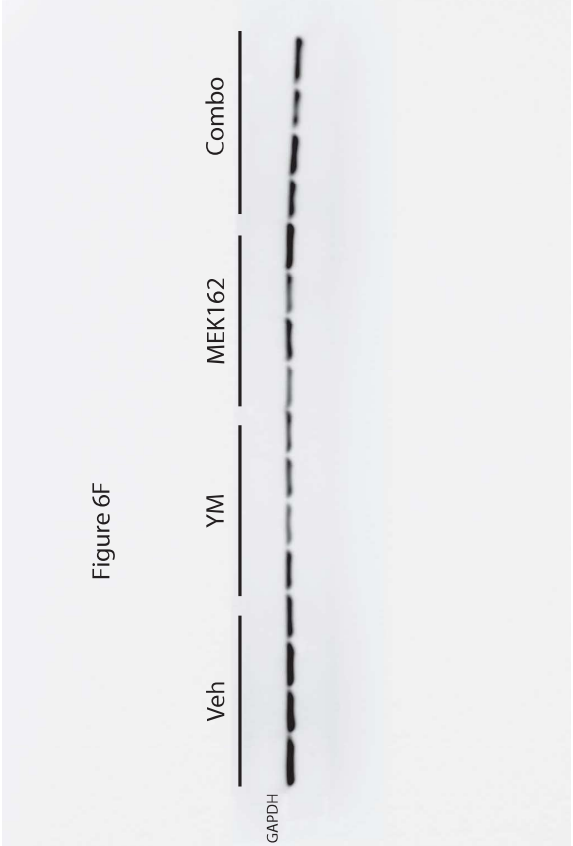


Figure 6F

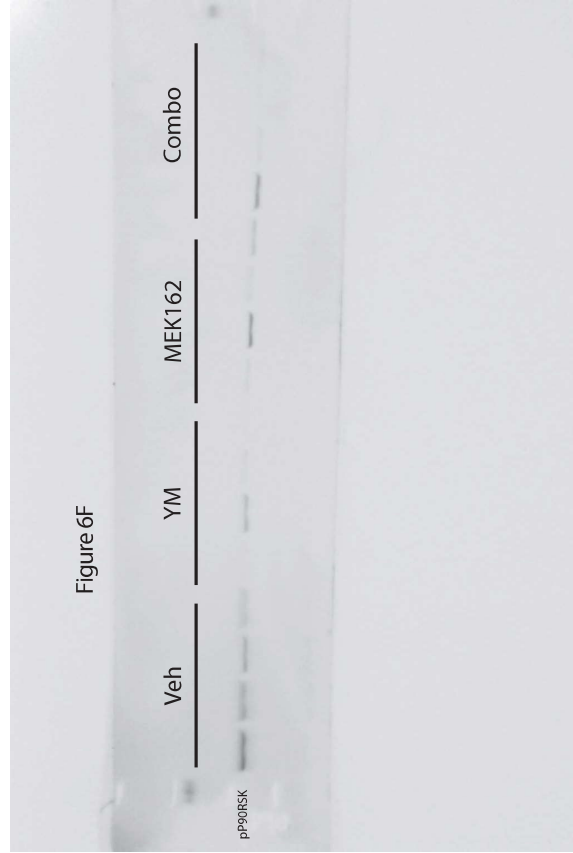


Figure 6F

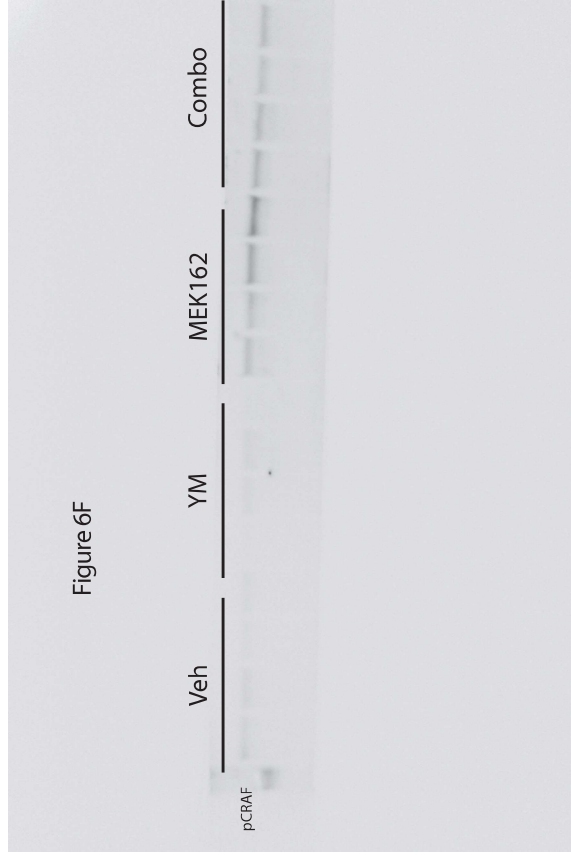




Figure 6F

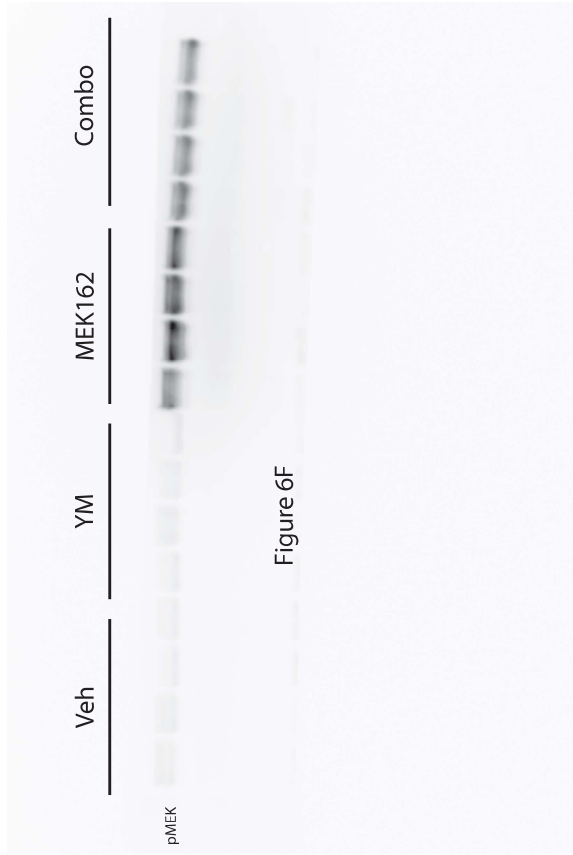


Figure 6F

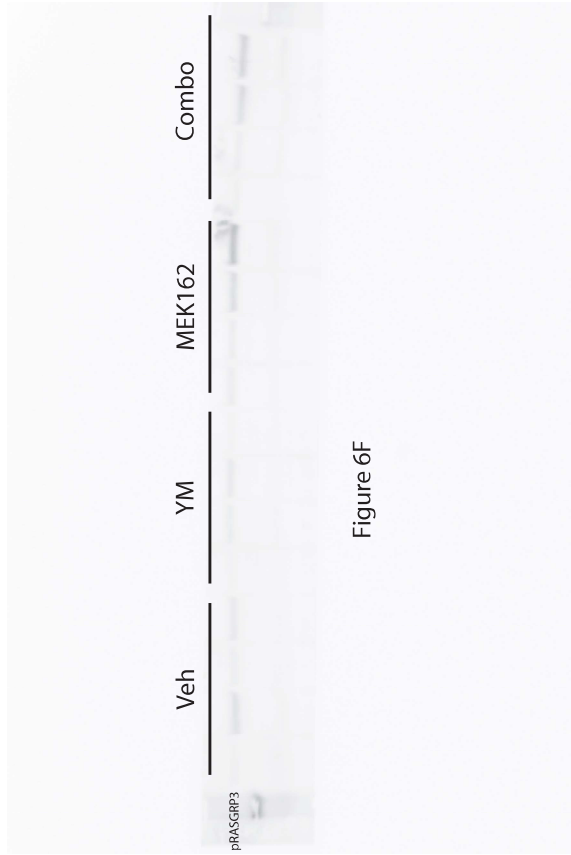
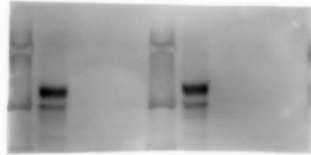


Figure 6F

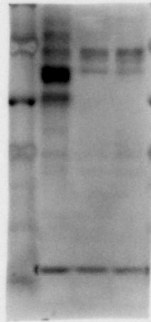
Supplementary Figure 1F
© 2020



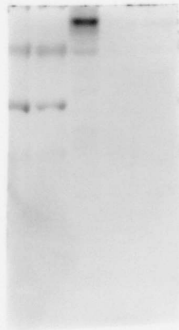
Supplementary Figure 1F
DC~~2~~RP2



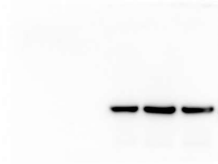
Supplementary Figure 1F
MSE

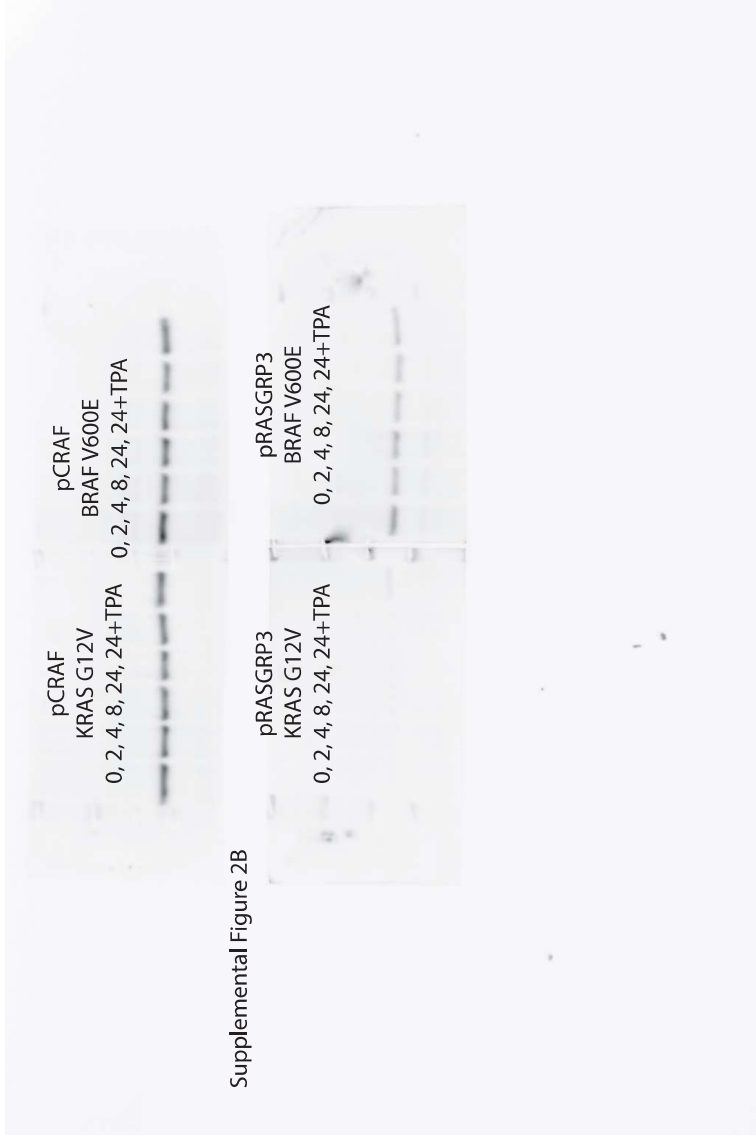


Supplementary Figure 1F
IRASGRP3



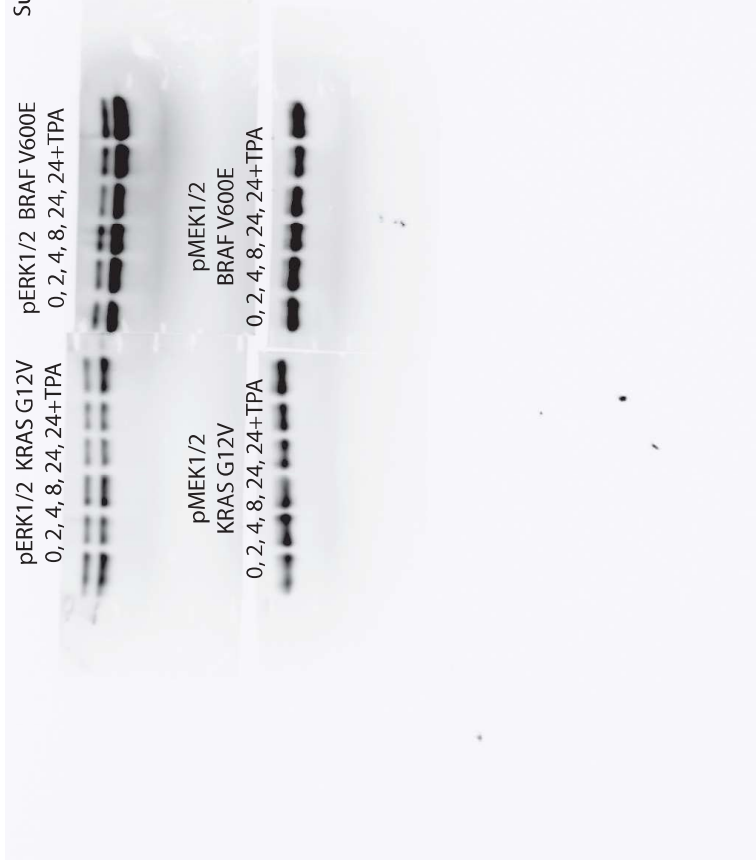
Supplementary Figure 1F
Vinculin





Supplemental Figure 2B

Supplemental Figure 2B



Supplemental Figure 2B

tERK1/2
KRAS G12V
0, 2, 4, 8, 24, 24+TPA

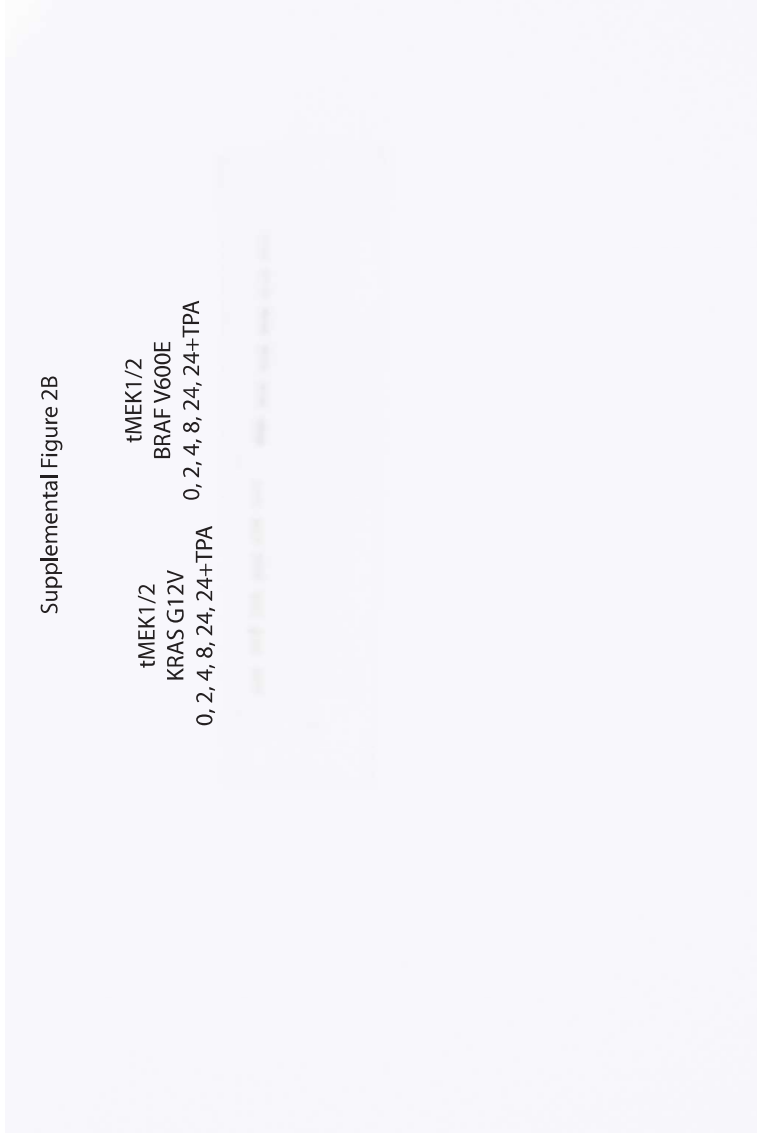
tERK1/2
BRAF V600E
0, 2, 4, 8, 24, 24+TPA



Supplemental Figure 2B

tMEK1/2
KRAS G12V
0, 2, 4, 8, 24, 24+TPA

tMEK1/2
BRAF V600E
0, 2, 4, 8, 24, 24+TPA



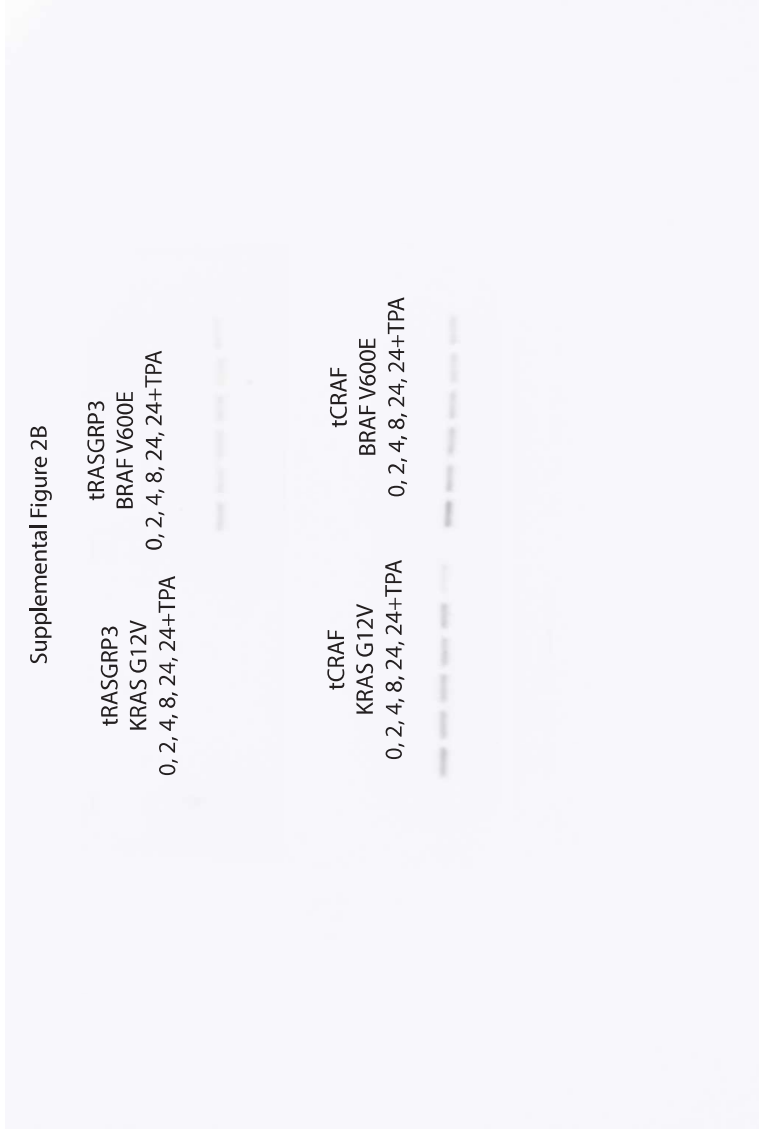
Supplemental Figure 2B

tRASGRP3
KRAS G12V
0, 2, 4, 8, 24, 24+TPA

tRASGRP3
BRAF V600E
0, 2, 4, 8, 24, 24+TPA

tCRAF
KRAS G12V
0, 2, 4, 8, 24, 24+TPA

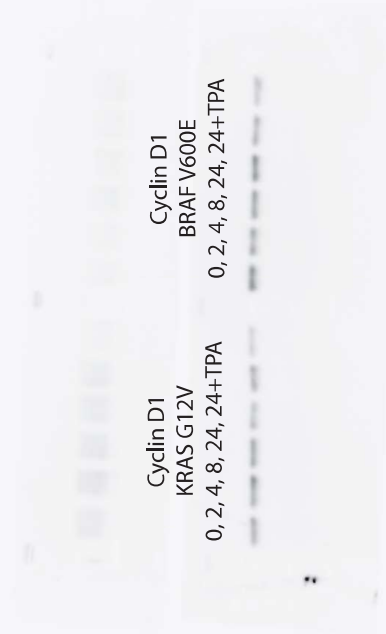
tCRAF
BRAF V600E
0, 2, 4, 8, 24, 24+TPA



Supplemental Figure 2B

Cyclin D1
KRAS G12V
0, 2, 4, 8, 24, 24+TPA

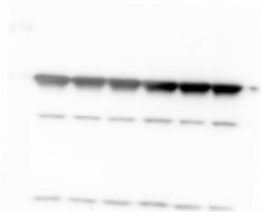
Cyclin D1
BRAF V600E
0, 2, 4, 8, 24, 24+TPA



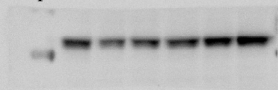
Supplementary Figure 2B
NRAS Q61K
cyclin D1



Supplementary Figure 2B
NRAS Q61K
GAPD



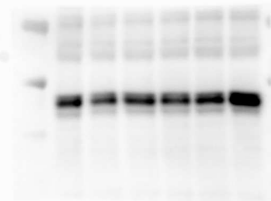
Supplementary Figure 2B
NRAS Q61K
pCRAF



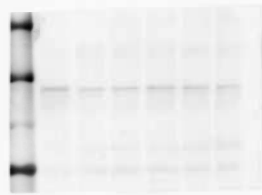


Supplementary Figure 2B
NRAS Q61K
pERK

Supplementary Figure 2B
NRAS Q61K
pMEK



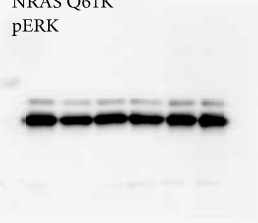
Supplementary Figure 2B
NRAS Q61K
pRASGRP3



Supplementary Figure 2B
NRAS Q61K
tCRAF



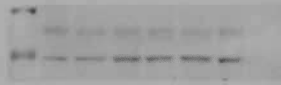
Supplementary Figure 2B
NRAS Q61K
pERK

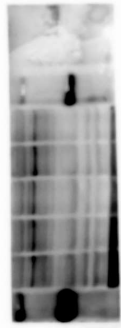


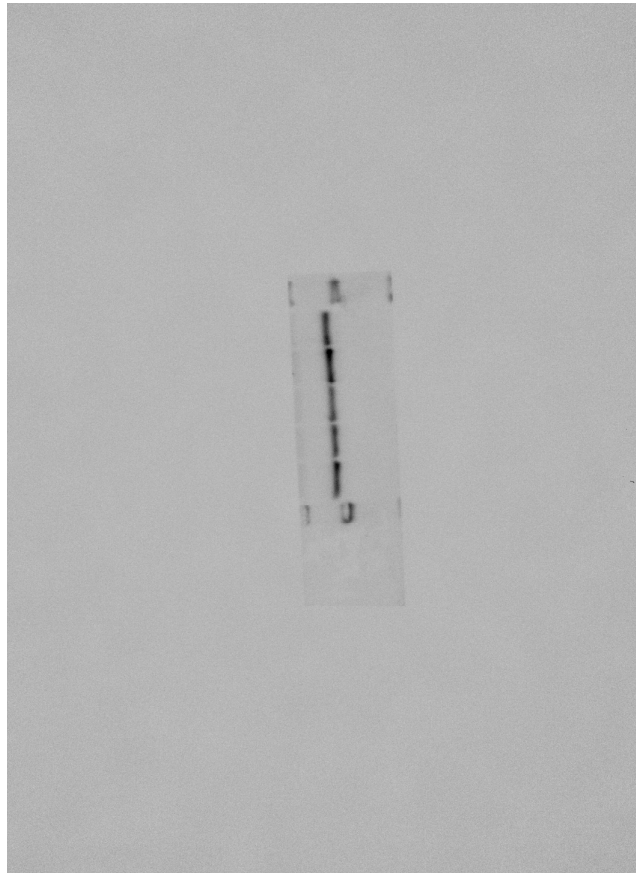
Supplementary Figure 2B
NRAS Q61K
tMEK



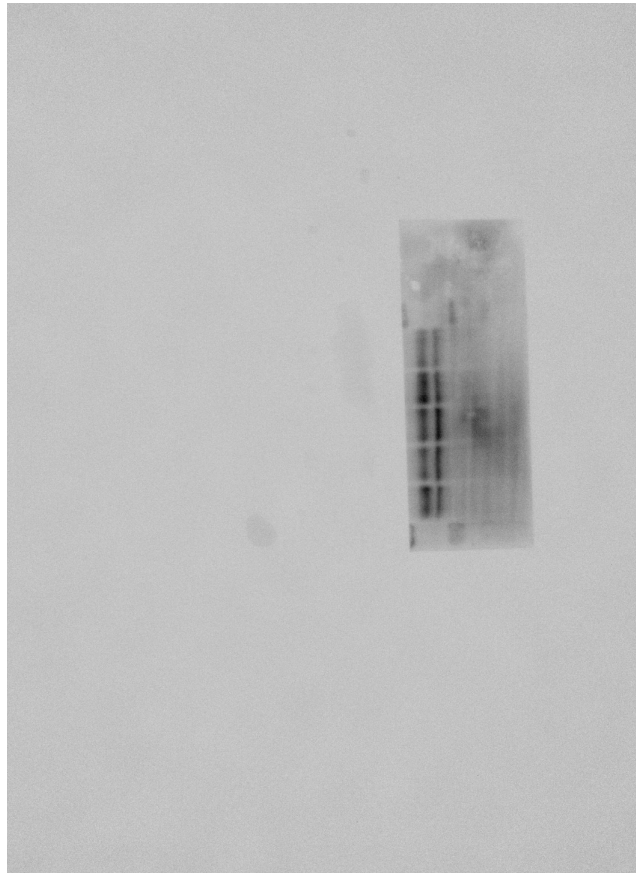
Supplementary Figure 2B
NRAS Q61K
tRASGRP3

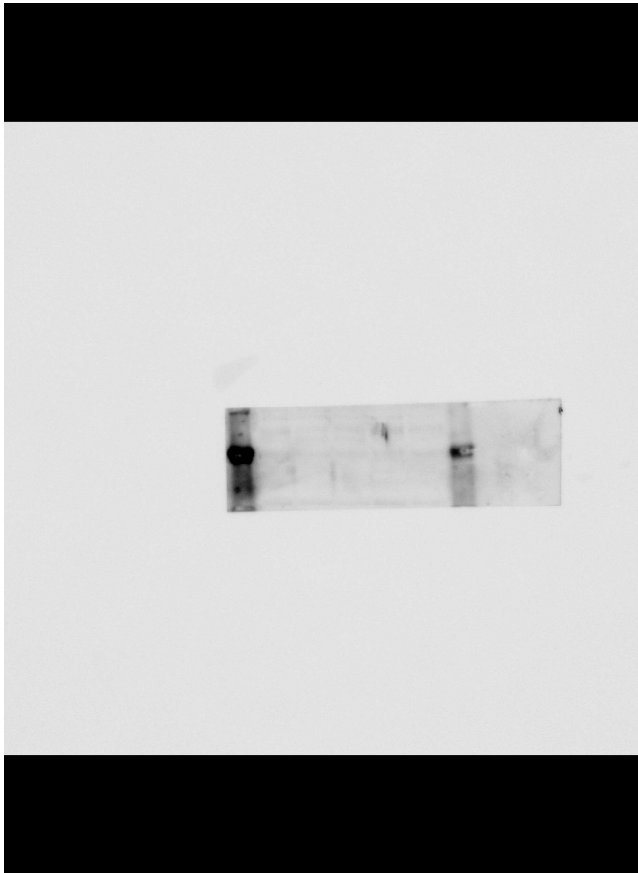


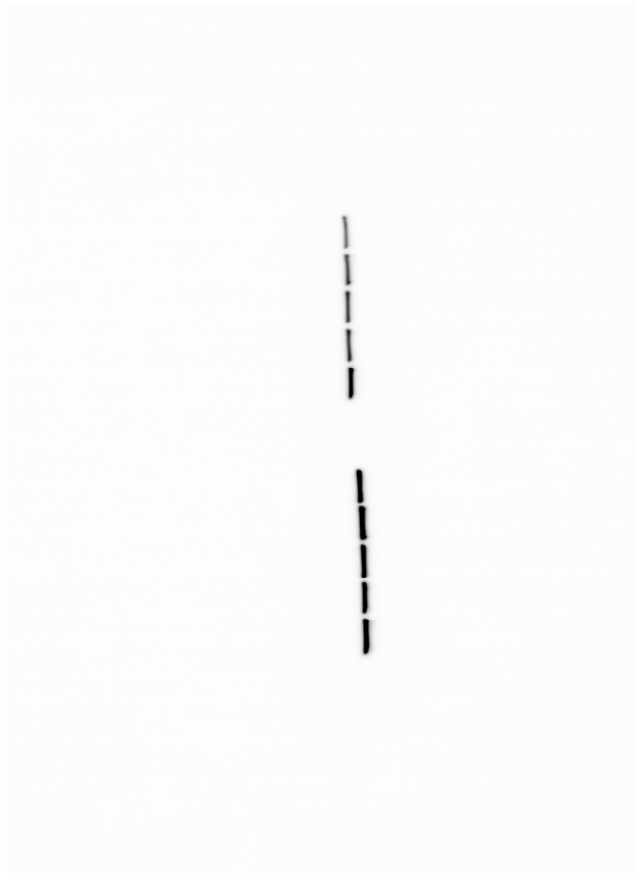


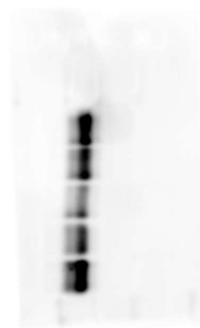












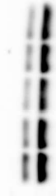
Supplementary Figure 2E GNAQ Q209L KRAS G12V Cyclin D1





Supplementary Figure 2E GNAQ Q209L KRAS G12V pCRAF

Supplementary Figure 2E GNAQ Q209L KRAS G12V pERK



Supplementary Figure 2E GNAQ Q209L KRAS G12V pMEK



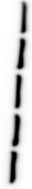
Supplementary Figure 2E GNAQ Q209L KRAS G12V pP90RSK



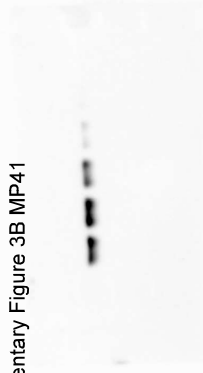
Supplementary Figure 2E GNAQ Q209L KRAS G12V pRASGRP3



Supplementary Figure 2E GNAQ Q209L KRAS G12V Vinculin



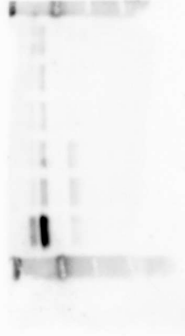
Supplementary Figure 3B MP41
Cyclin D1



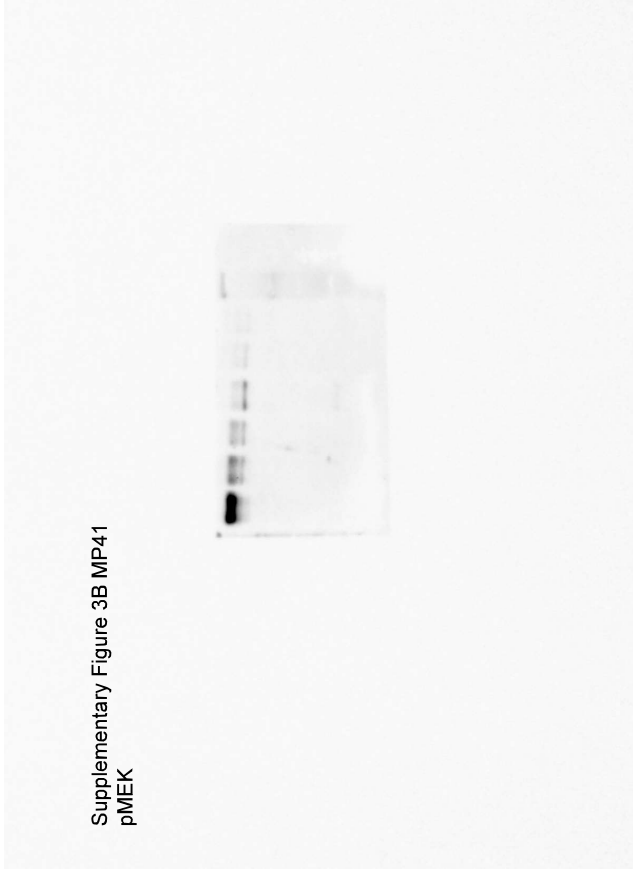
Supplementary Figure 3B MP41
pCRAF



Supplementary Figure 3B MP41
pERK



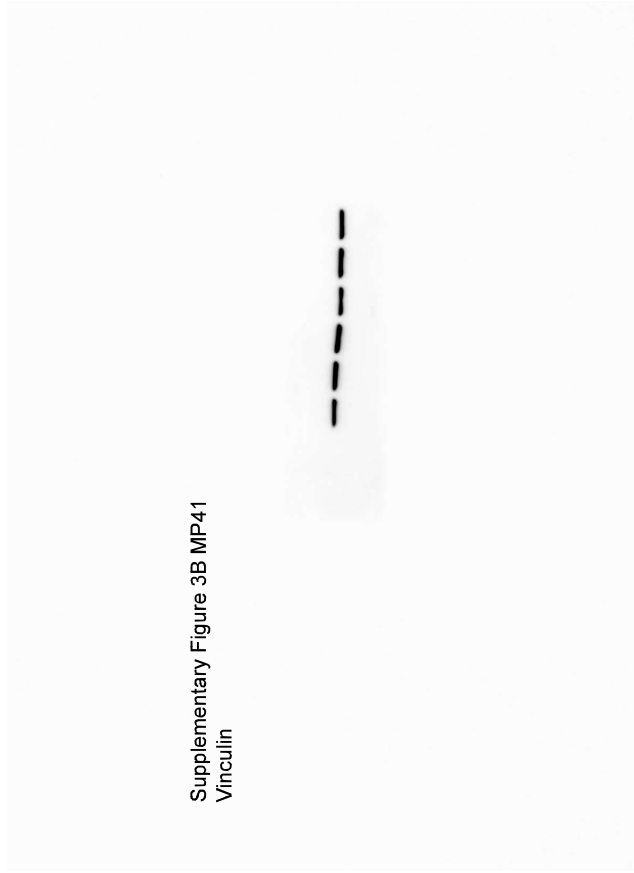
Supplementary Figure 3B MP41
pMEK



Supplementary Figure 3B MP41
pRASGRP3



Supplementary Figure 3B MP41
Vinculin



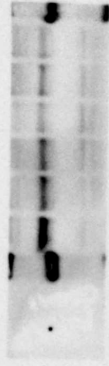
Supplementary Figure 3B
OMM1
Cyclin D1



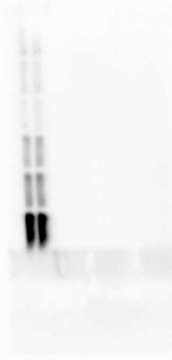
Supplementary Figure 3B

OMM1

pCRAF



Supplementary Figure 3B
OMM1
pERK



Supplementary Figure 3B
OMM1
pMEK



Supplementary Figure 3B
OMM1
pRASGRP3



Supplementary Figure 3B
OMM1
Vinc



Supplementary Figure 3G MeI202 NRAS Q61K
Cyclin D1



Supplementary Figure 3G Mel202 NRAS Q61K
pCRAF



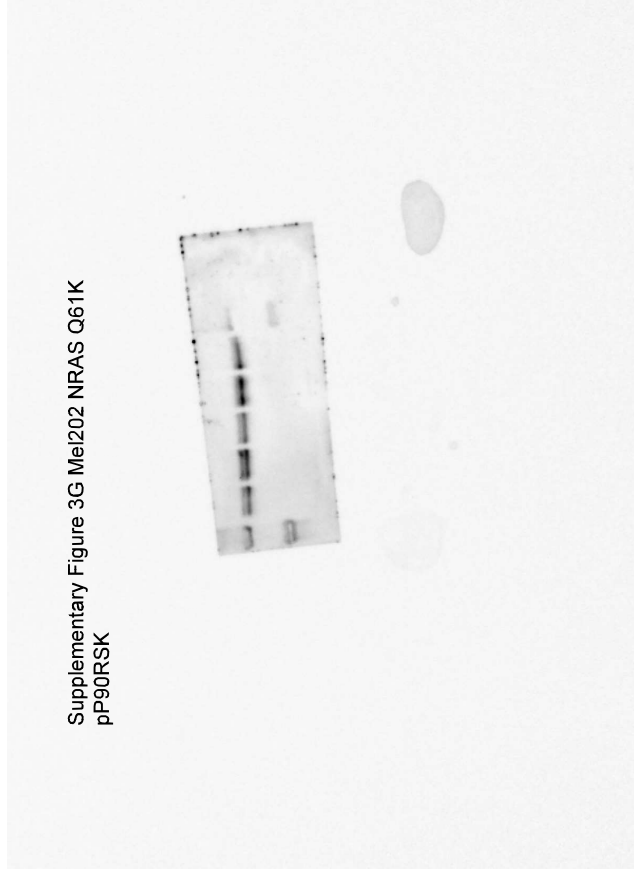
Supplementary Figure 3G MeI202 NRAS Q61K
pERK



Supplementary Figure 3G Mel202 NRAS Q61K
pMEK



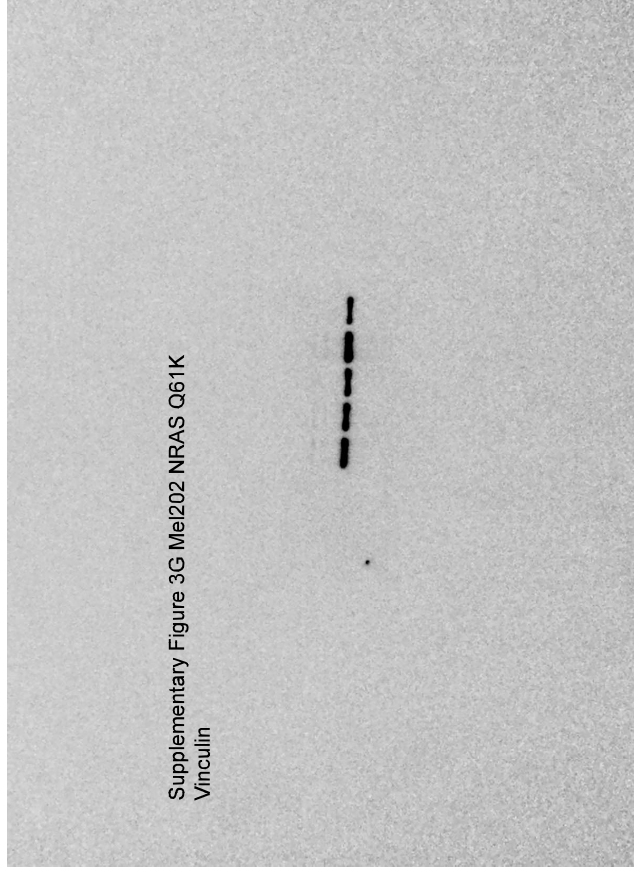
Supplementary Figure 3G Mei202 NRAS Q61K
pF90RSK



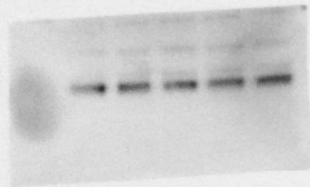
Supplementary Figure 3G Mel202 NRAS Q61K
pRASGRP3



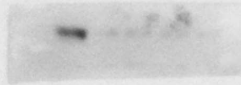
Supplementary Figure 3G Me202 NRAS Q61K
Vinculin



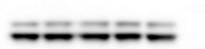
Supplementary Figure 3G OMM1.3 MEKDD
Cyclin D1



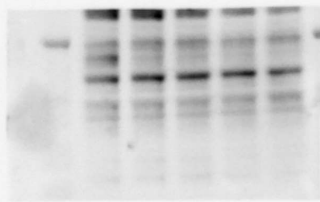
Supplementary Figure 3G OMM1.3 MEKDD
pCRAF



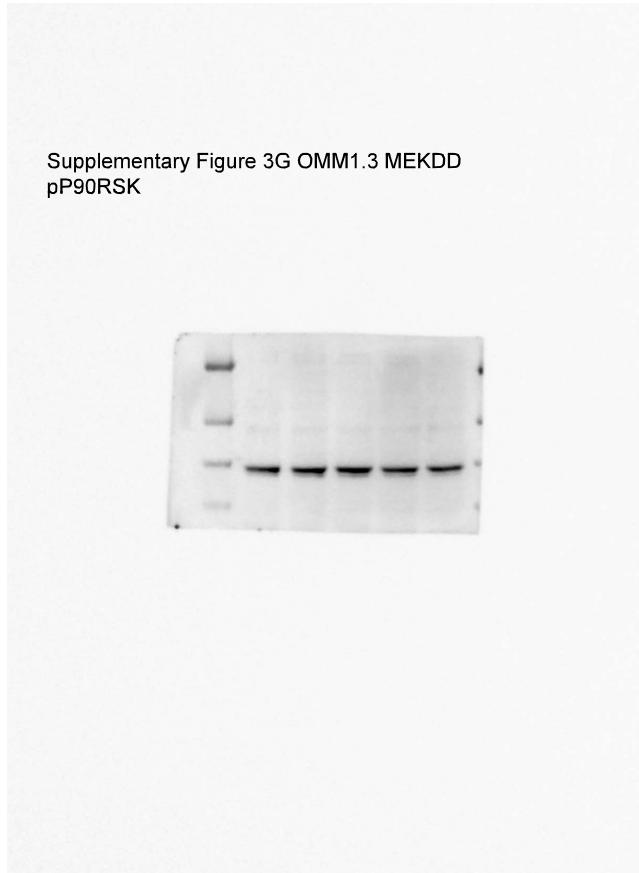
Supplementary Figure 3G OMM1.3 MEKDD
pERK



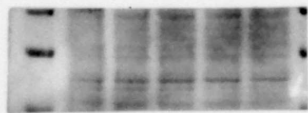
Supplementary Figure 3G OMM1.3 MEKDD
pMEK



Supplementary Figure 3G OMM1.3 MEKDD
pP90RSK



Supplementary Figure 3G OMM1.3 MEKDD
pRASGRP3



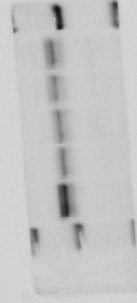
Supplementary Figure 3G OMM1.3 MEKDD
Vinculin



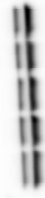
Supplementary Figure 3G OMM1.3 NRAS Q61K
Cyclin D1



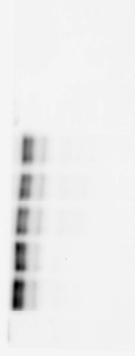
Supplementary Figure 3G OMM1.3 NRAS Q61K
pGRAF



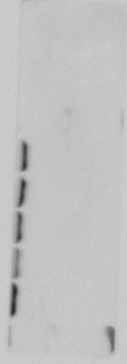
Supplementary Figure 3G OMM1.3 NRAS Q61K
pERK



Supplementary Figure 3G OMM1.3 NRAS Q61K
pMEK



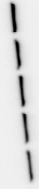
Supplementary Figure 3G OMM1.3 NRAS Q61K
pP90RSK



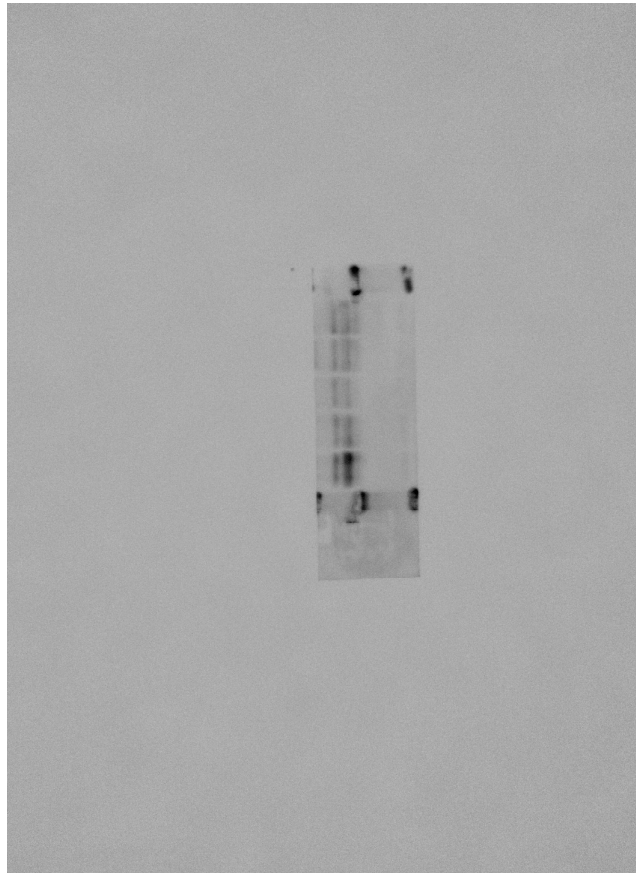
Supplementary Figure 3G OMM1.3 NRAS Q61K
pRASGRP3



Supplementary Figure 3G OMM1.3 NRAS Q61K
Vinculin

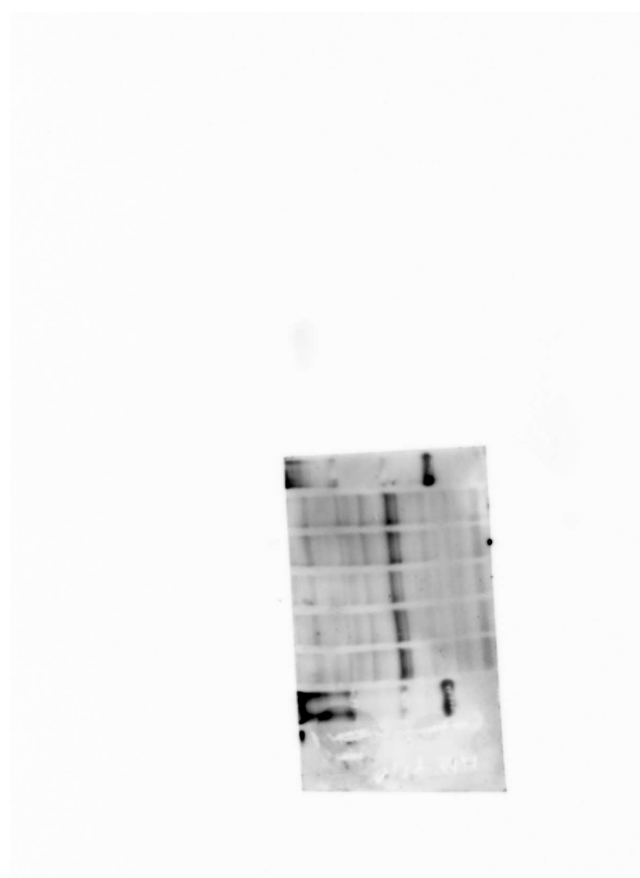




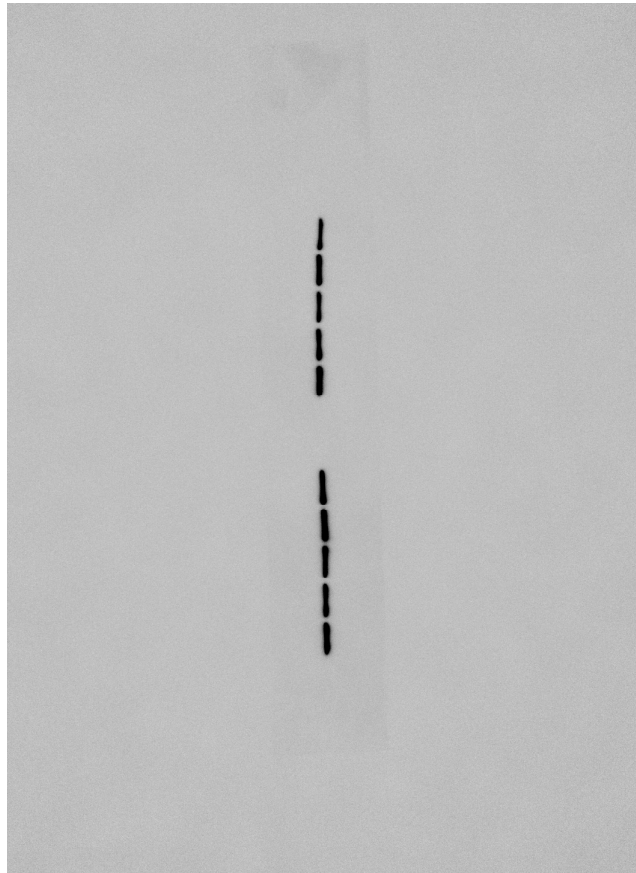












Supplementary Figure 5F OMM1.3 KRAS G12V
Cyclin D1



Supplementary Figure 5F OMM1.3 KRAS G12V
pCRAF



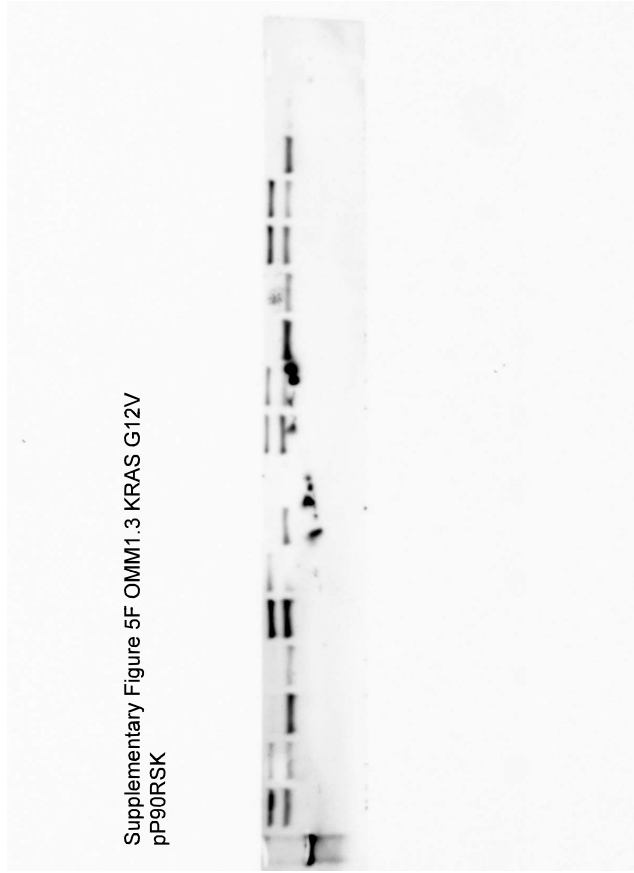
Supplementary Figure 5F OMM1.3 KRAS G12V
pERK



Supplementary Figure 5F OMM1.3 KRAS G12V
pMEK

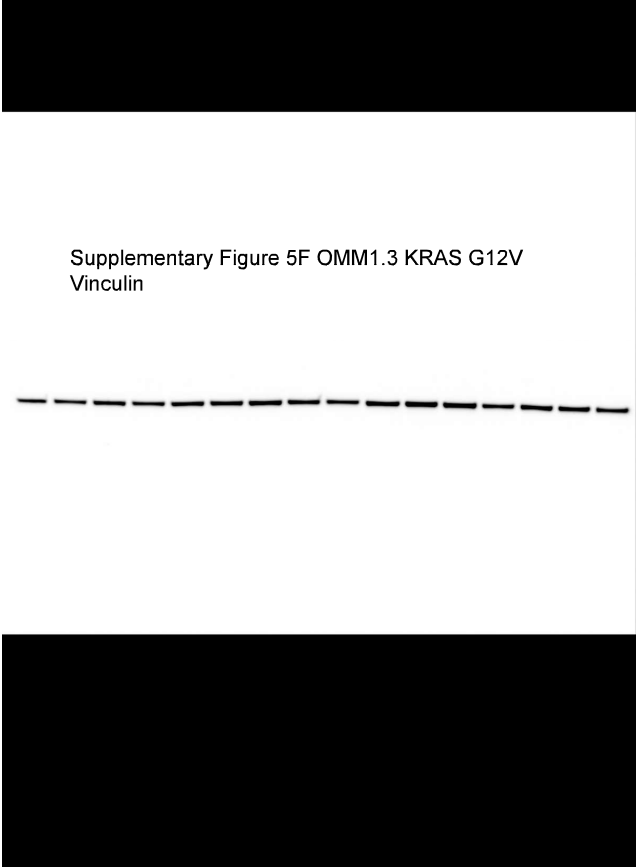


Supplementary Figure 5F OMM1.3 KRAS G12V
pP90RSK



Supplementary Figure 5F OMM1.3 KRAS G12V
pRASGRP3





Supplementary Figure 5F OMM1.3 KRAS G12V
Vinculin