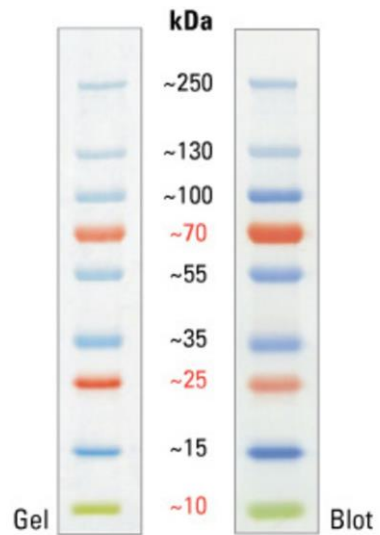


# Uncropped Western Blots of Figures

# Figure 2A

## Ladder



## Markers:

IGF1R  
pIGF1R(Y1135)  
AKT  
pAKT  
MEK1/2  
pMEK1/2  
ERK1/2  
pERK1/2

## House keepers (HKEs):

GAPDH  
b-actin  
b-tubulin

Round depicted  
in WB figure

Round not depicted  
in WB figure  
(used for bar graphs )

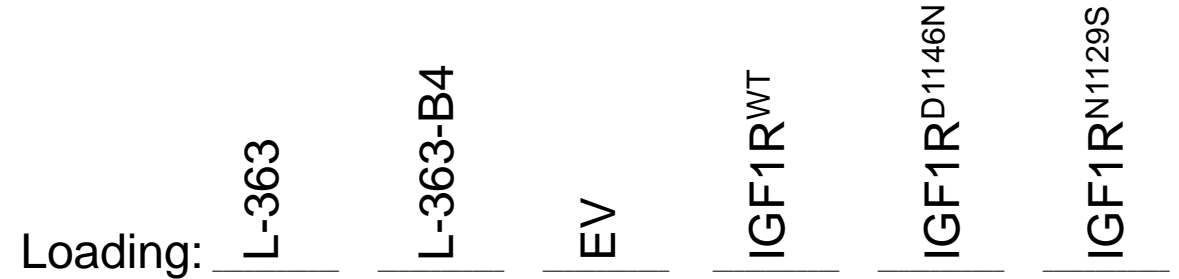
PageRuler™ Plus  
Prestained Protein  
Ladder, 10 to 250 kDa  
Katalognummer: #26  
619 Thermo Fischer

# Figure 2A (L-363-B4)

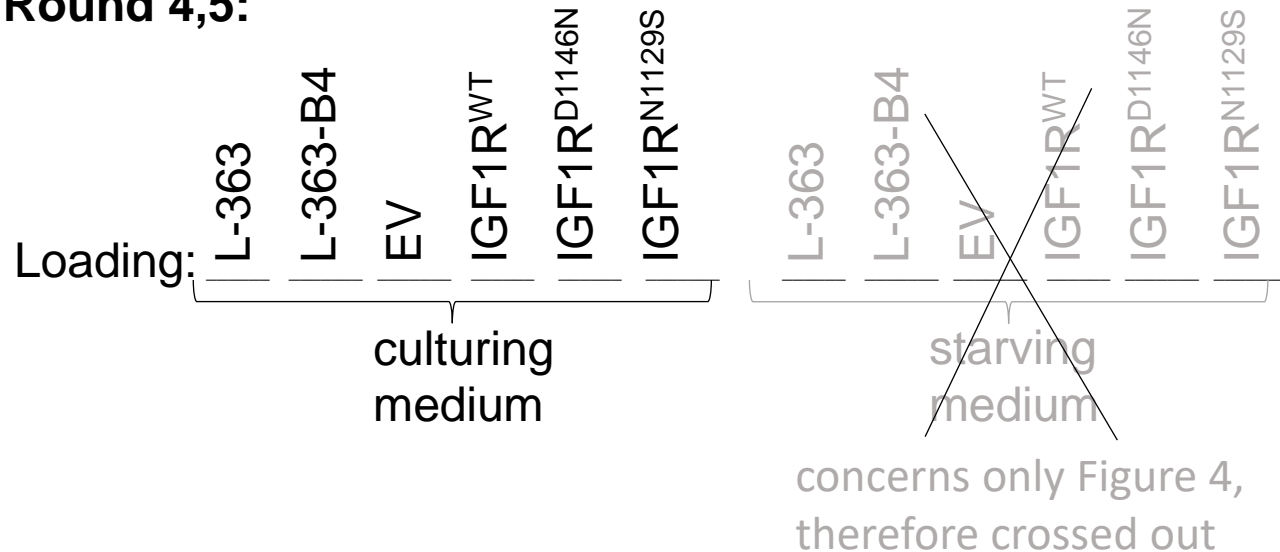
## Round 1,2:



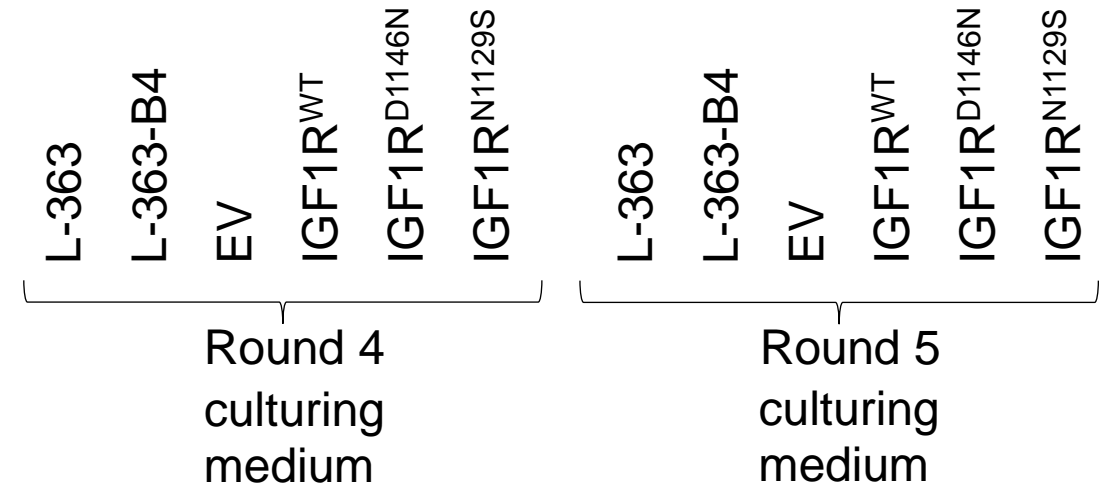
## Round 3:



## Round 4,5:

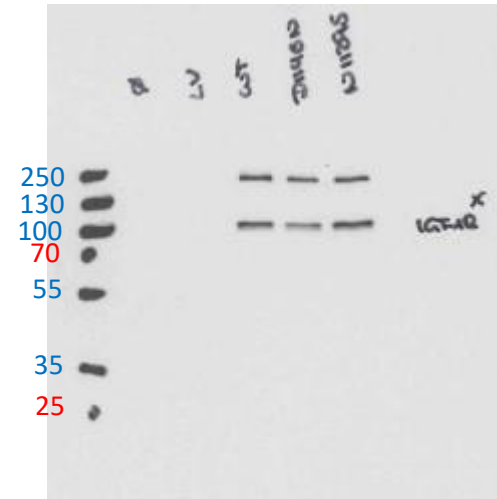


## \*\*ERK (Round 4,5):

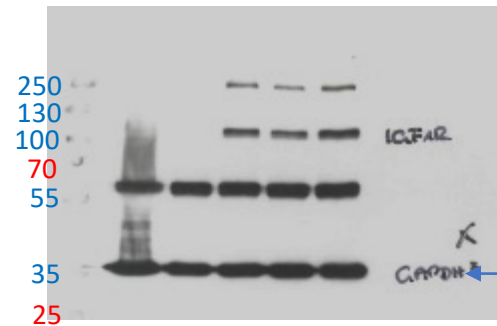


# IGF1R (95kDa) // GAPDH (37kDa)

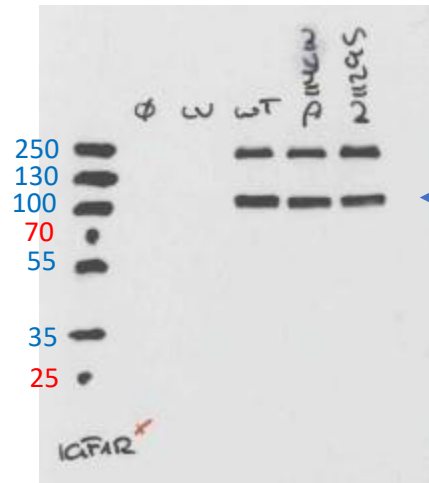
Round 1



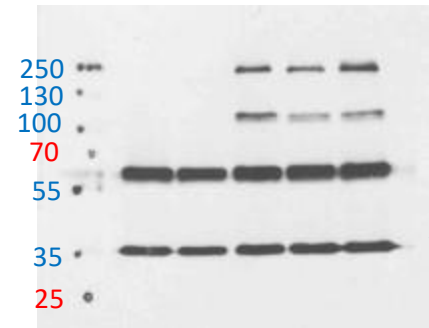
HKE:



Round 2

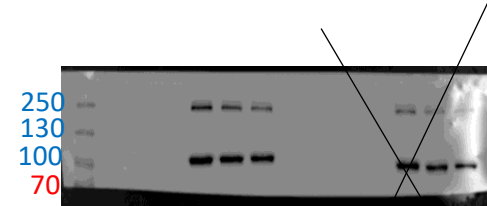


HKE:

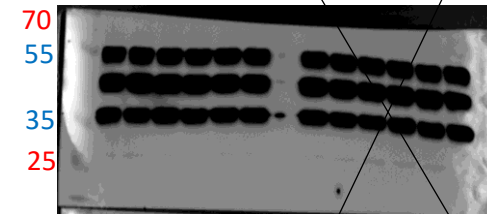


Round 3

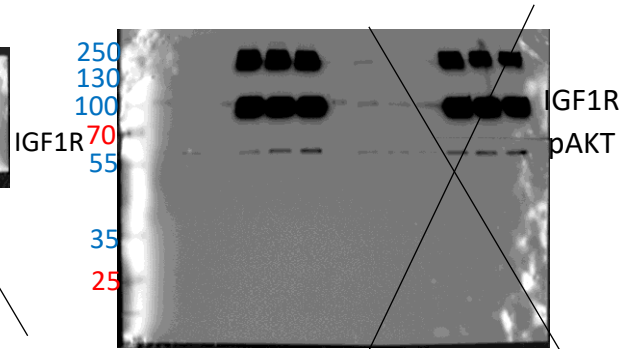
Round 4



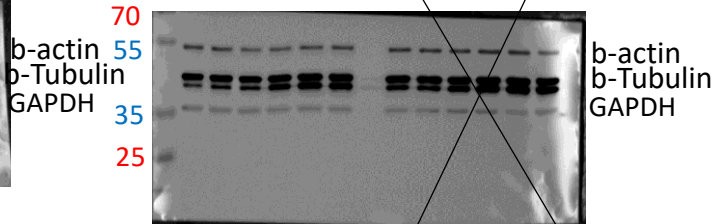
HKE:



Round 5



HKE:



only concerns figure 4

# pIGF1R (Y1135) (95kDa) // GAPDH (37kDa)

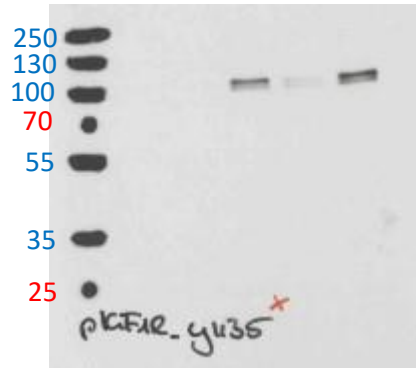
Round 1



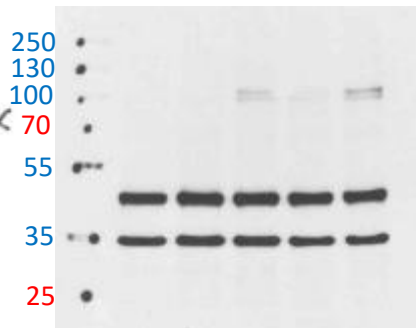
HKE:



Round 2

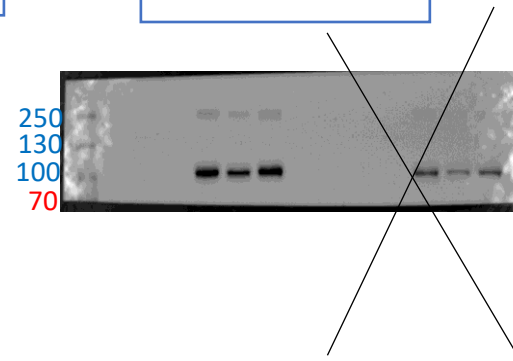


HKE:

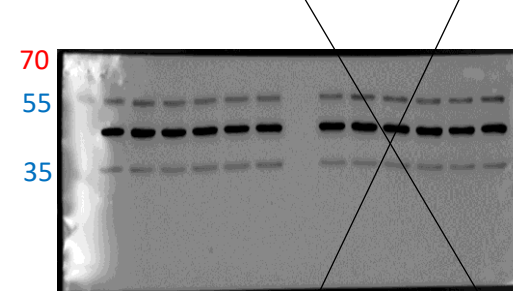


Round 3

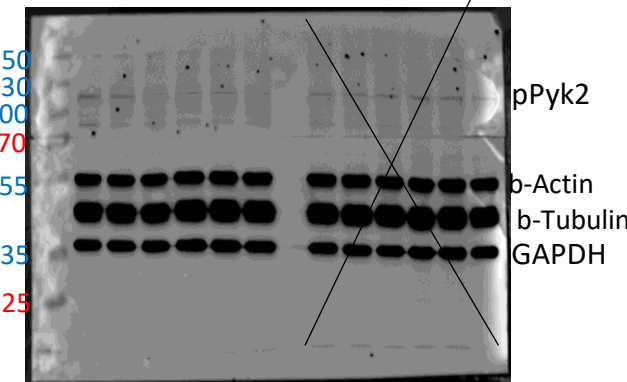
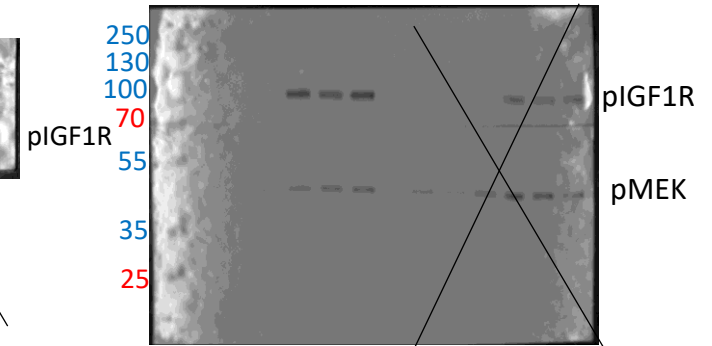
Round 4



HKE:



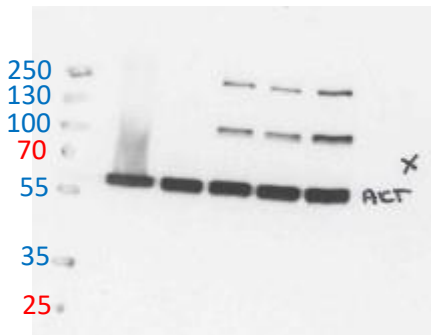
Round 5



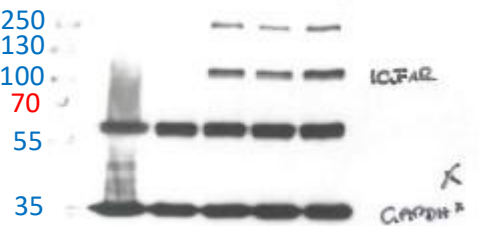
only concerns  
figure 4

# AKT (60kDa) // GAPDH (37kDa)

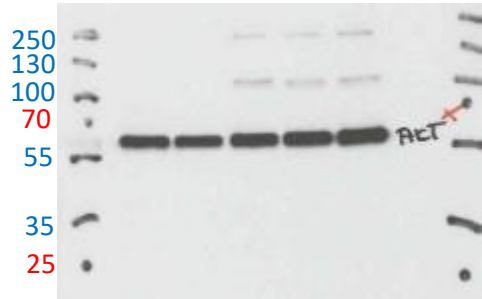
Round 1



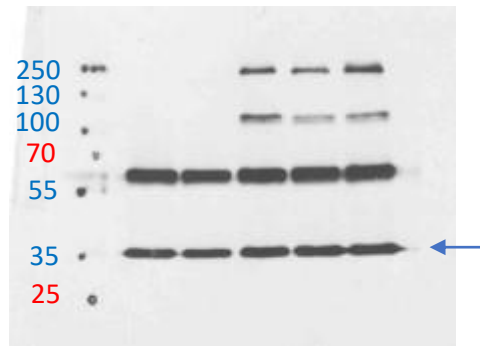
HKE:



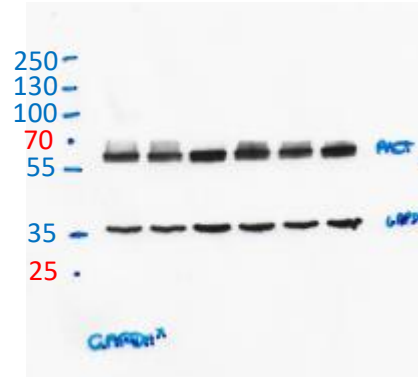
Round 2



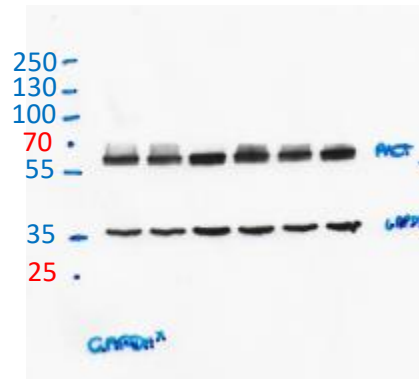
HKE:



Round 3



HKE:

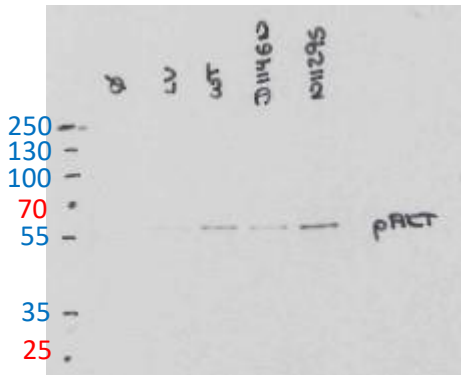


Round 4

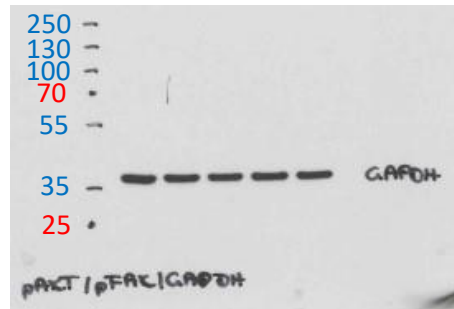
Round 5

# pAKT (60kDa) // GAPDH (37kDa)

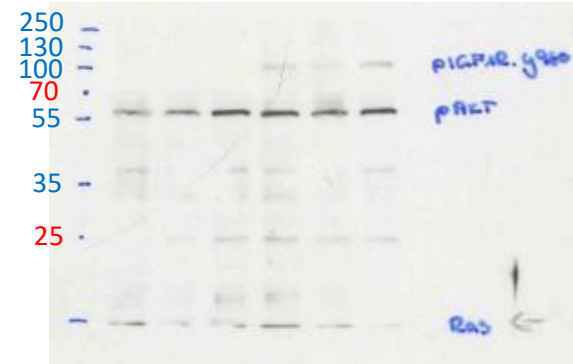
Round 1



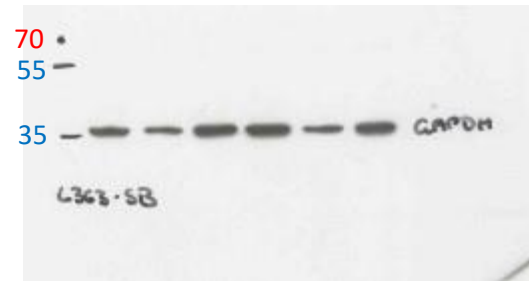
HKE:



Round 2

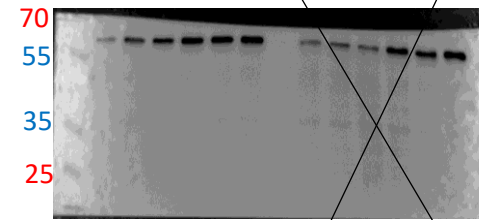


HKE:

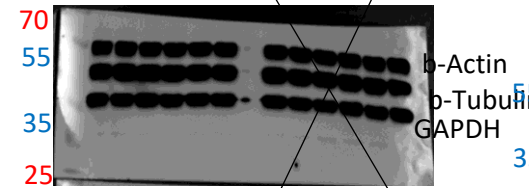


Round 3

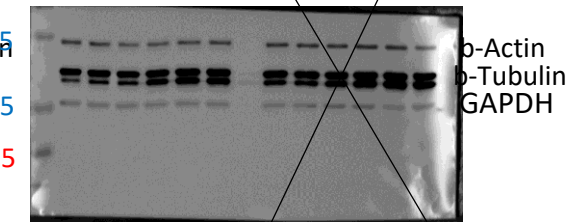
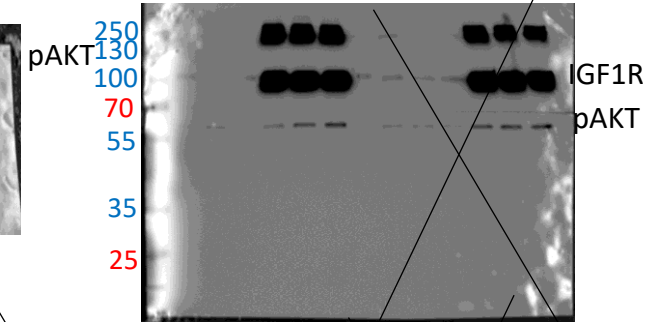
Round 4



HKE:



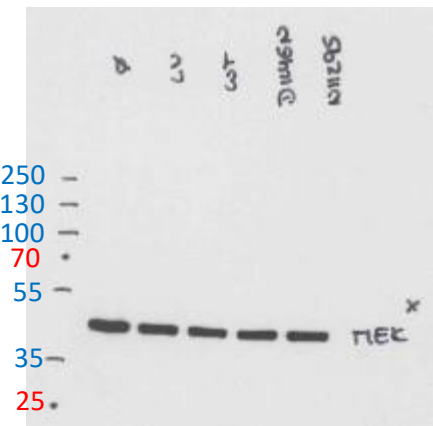
Round 5



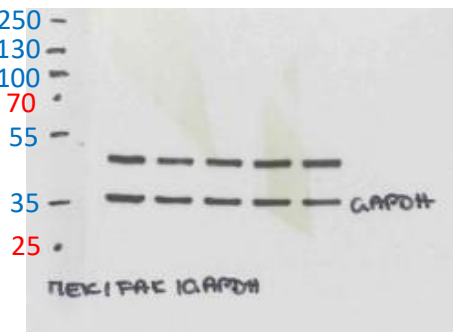
only concerns figure 4

# MEK 1/2 (45kDa) // GAPDH (37kDa)

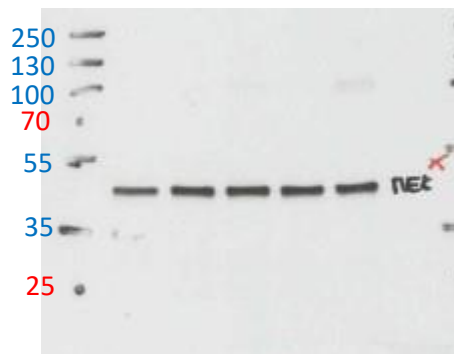
Round 1



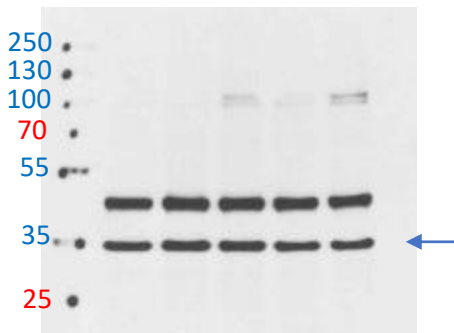
HKE:



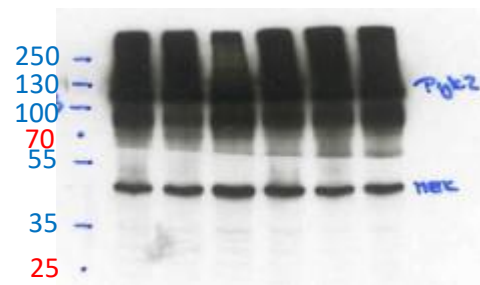
Round 2



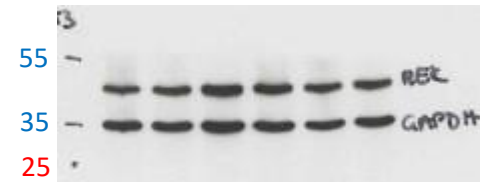
HKE:



Round 3



HKE:



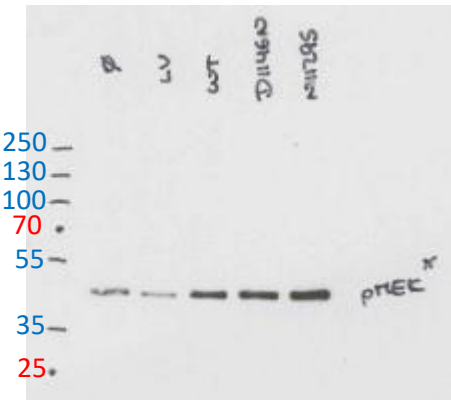
Round 4

Round 5

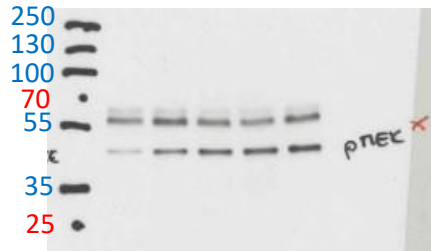


# pMEK 1/2 (45kDa) // GAPDH (37kDa)

Round 1

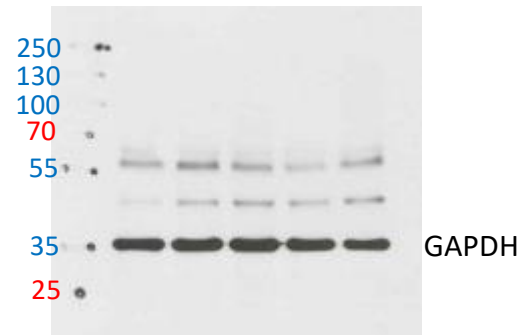


Round 2

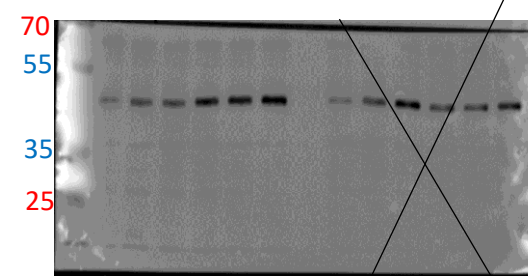


Round 3

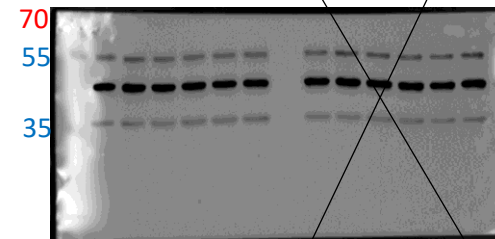
HKE:



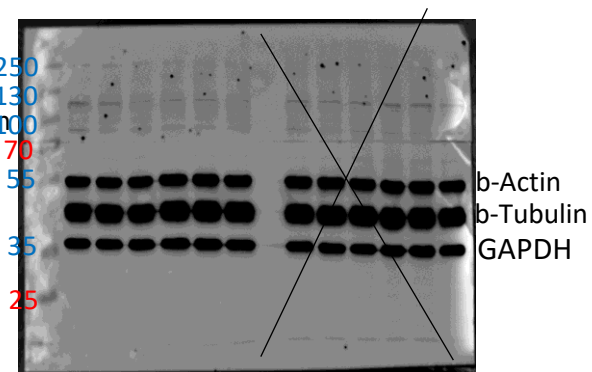
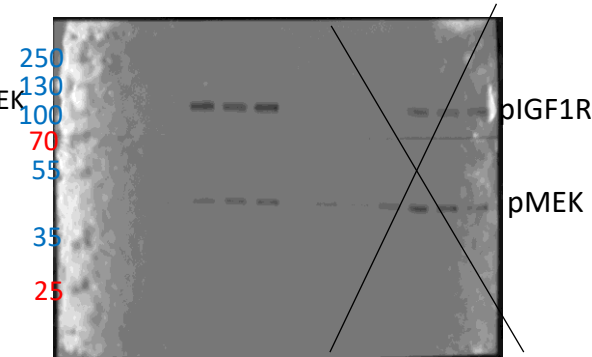
Round 4



HKE:



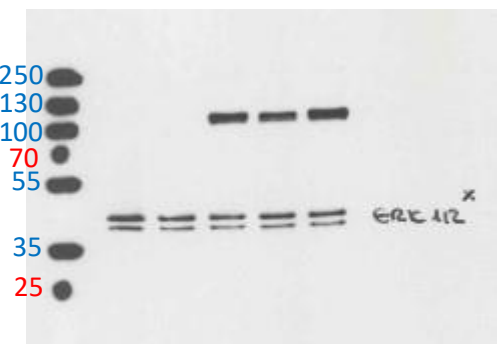
Round 5



only concerns figure 4

# ERK 1/2 (45kDa) // GAPDH (37kDa)

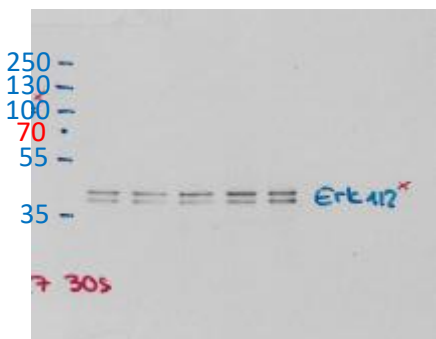
Round 1



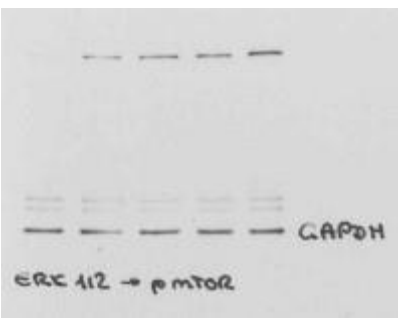
HKE:



Round 2



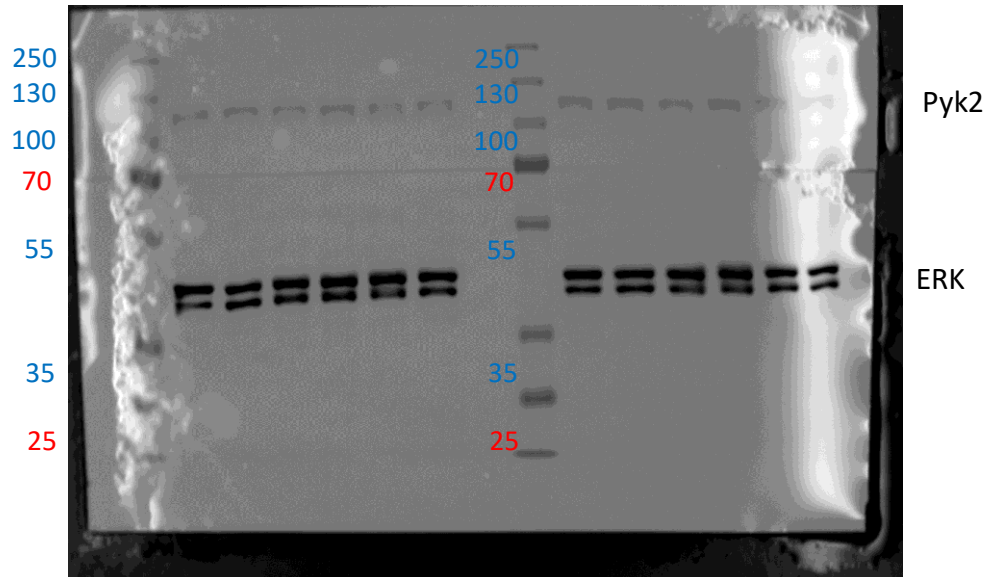
HKE:



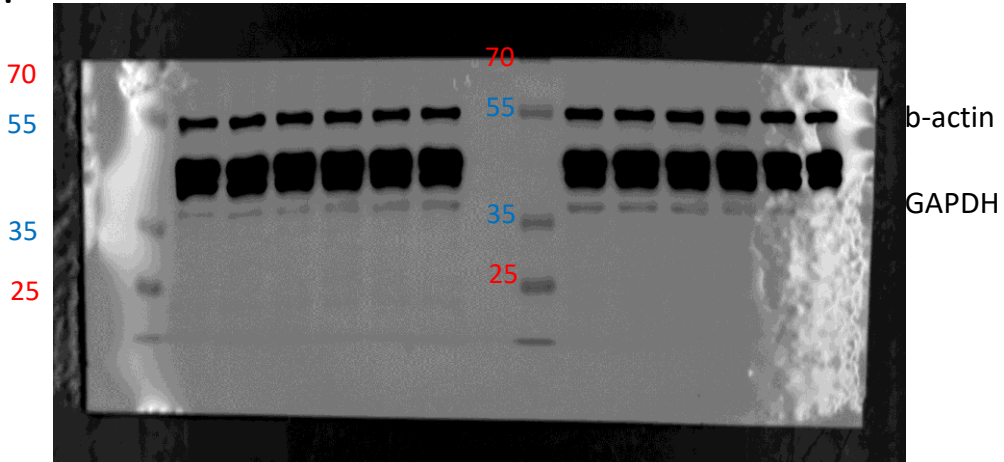
Round 3

Round 4

Round 5

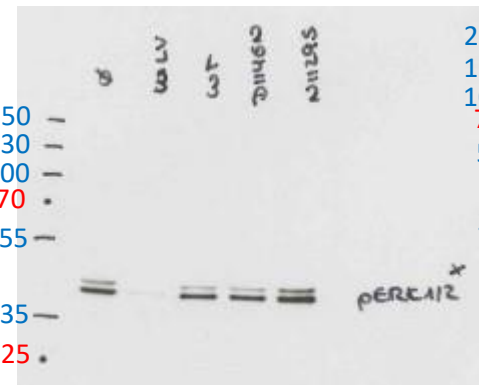


HKE:

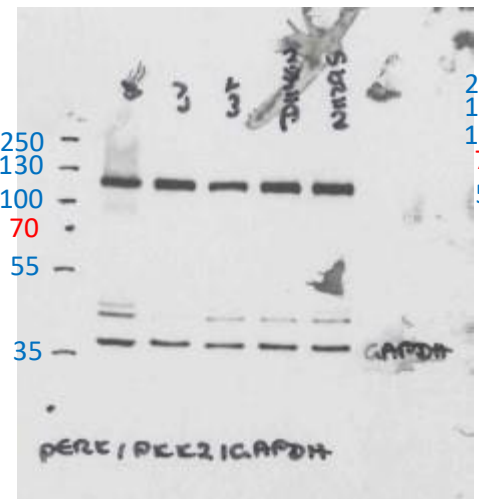


# pERK 1/2 (45kDa) // GAPDH (37kDa)

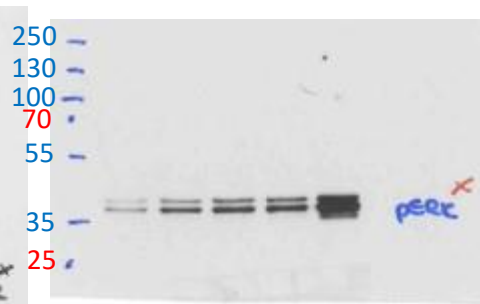
Round 1



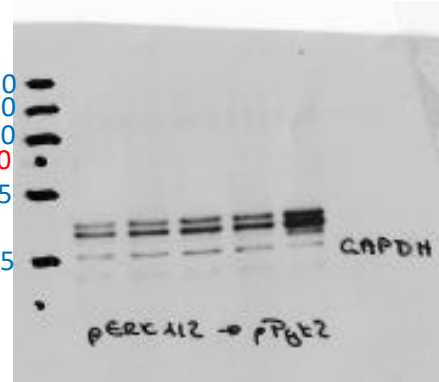
HKE:



Round 2

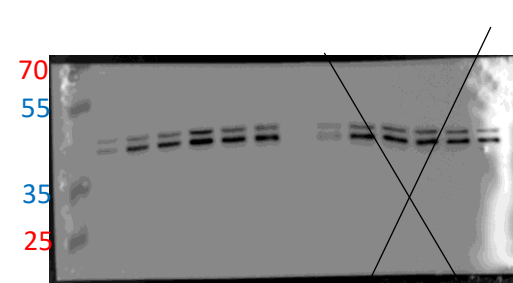


HKE:

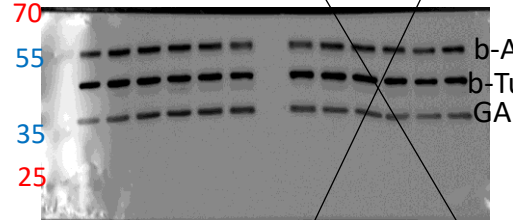


Round 3

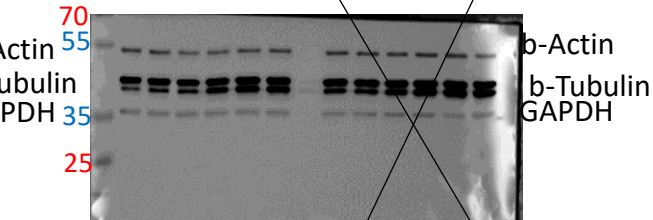
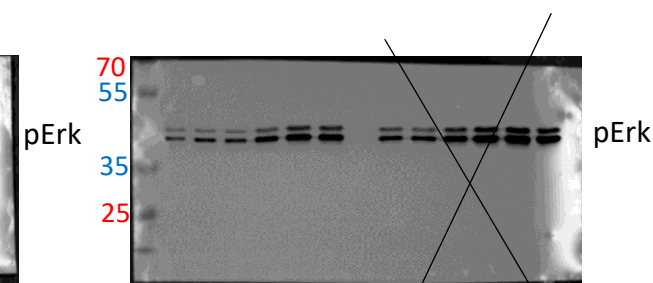
Round 4



HKE:



Round 5



only concerns figure 4

# Figure 2A (AMO-1)

## Round 1,2,3,6:

Loading: EV IGF1R<sup>WT</sup> IGF1R<sup>D1146N</sup> IGF1R<sup>N1129S</sup>

## Round 4,5,7:

Loading: AMO-1 EV IGF1R<sup>WT</sup> IGF1R<sup>D1146N</sup> IGF1R<sup>N1129S</sup>

## Round 8,9:

Round 8,9:

Loading: AMO-1 EV IGF1R<sup>WT</sup> IGF1R<sup>D1146N</sup> IGF1R<sup>N1129S</sup>

culturing medium

starving medium

AMO-1

EV

IGF1R<sup>WT</sup>

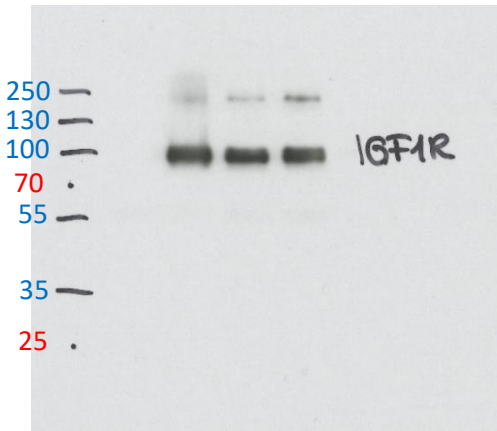
IGF1R<sup>D1146N</sup>

IGF1R<sup>N1129S</sup>

Concerns only Figure 4,  
therefore crossed out

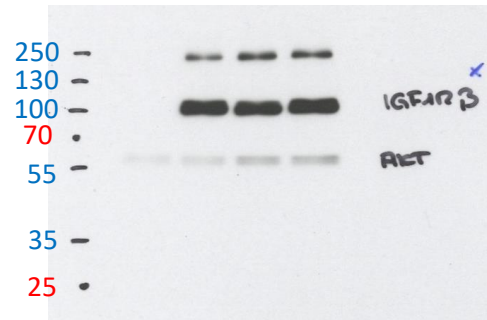
# IGF1R (95kDa) // GAPDH (37kDa)

Round 1



HKE:

Round 2

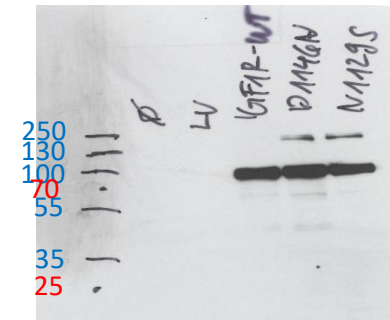


HKE:

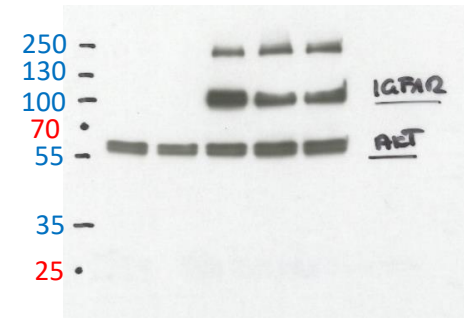
Round 3

Round 4

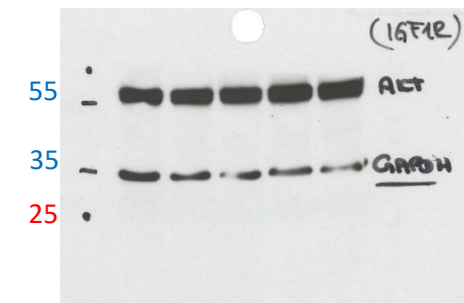
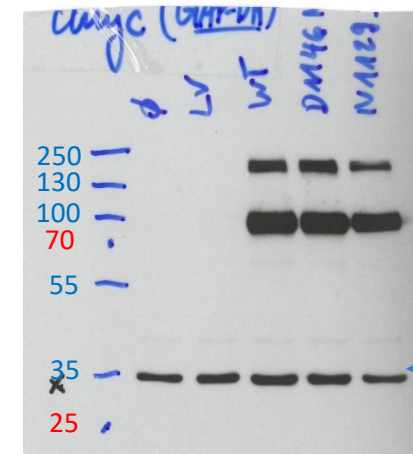
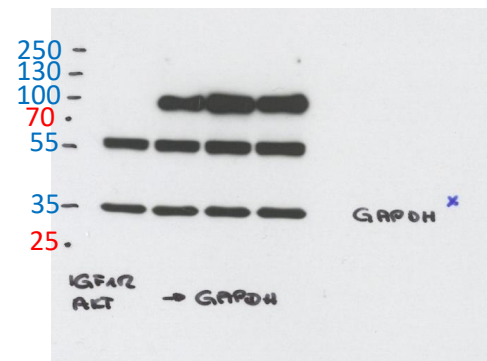
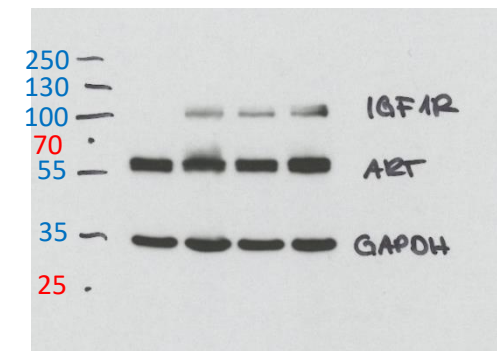
Round 5



HKE:



HKE:



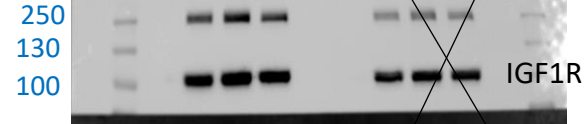
# IGF1R (95kDa) // GAPDH (37kDa)

Round 6

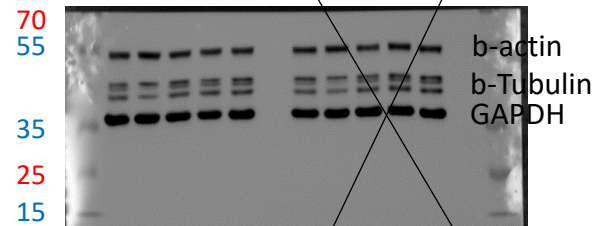
Round 7

Round 8

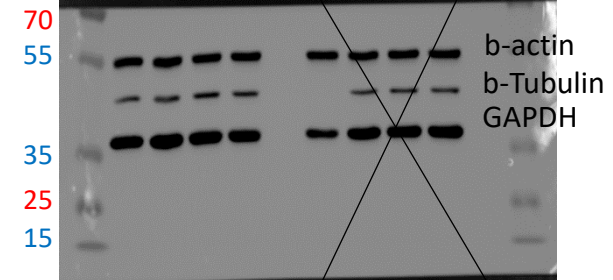
Round 9



HKE



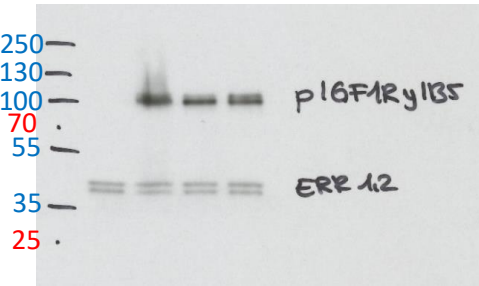
HKE



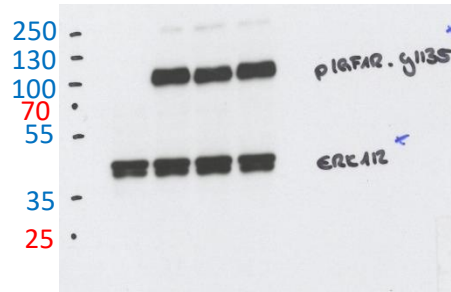
only concerns  
figure 4

# pIGF1R (Y1135) (95kDa) // GAPDH (37kDa)

Round 1



Round 2

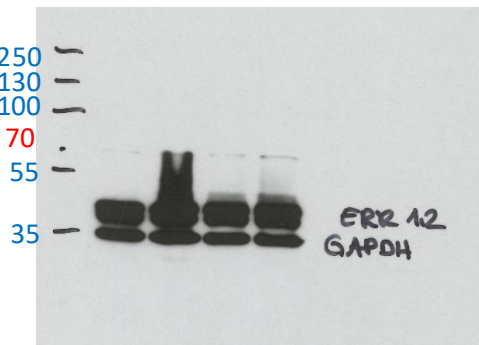


Round 3

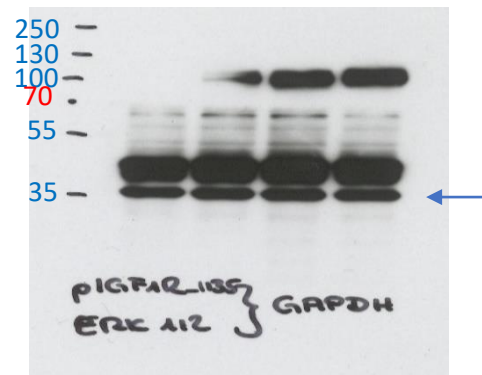
Round 4

Round 5

HKE:



HKE:





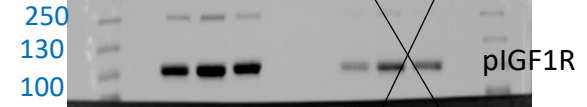
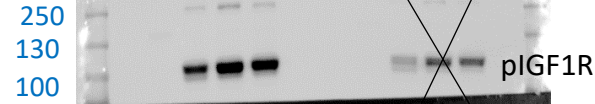
# pIGF1R (Y1135) (95kDa) // GAPDH (37kDa)

Round 6

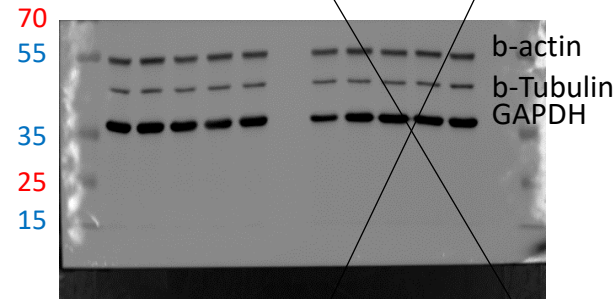
Round 7

Round 8

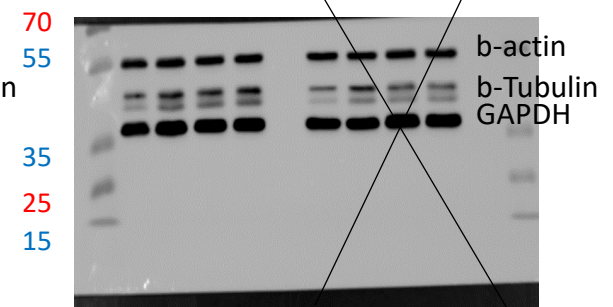
Round 9



HKE



HKE



only concerns  
figure 4



# AKT (60kDa) // GAPDH (37kDa)

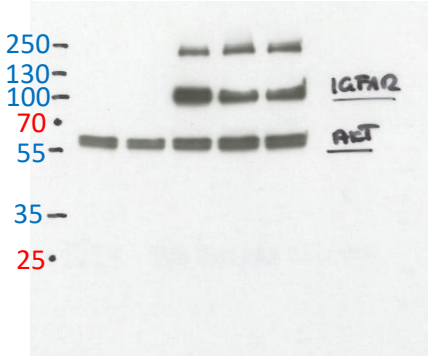
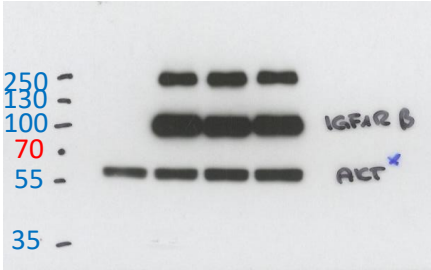
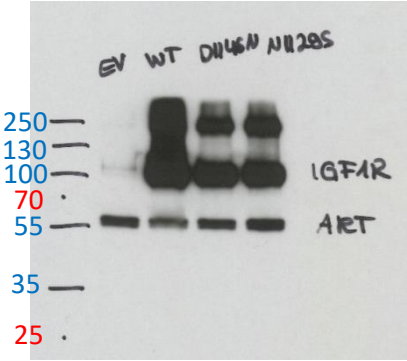
Round 1

Round 2

Round 3

Round 4

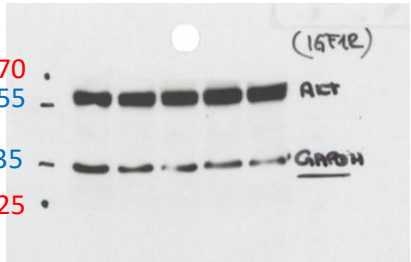
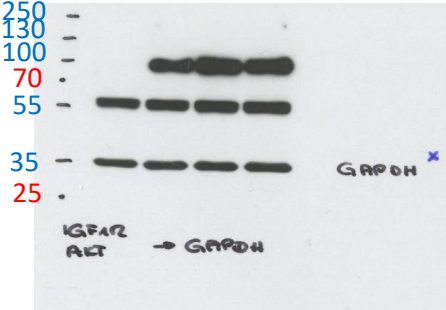
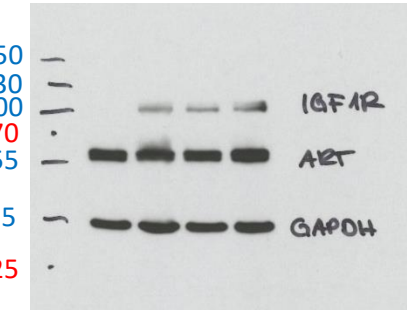
Round 5



HKE:

HKE:

HKE:



AKT (60kDa) // GAPDH (37kDa)

---

Round 6

Round 7

Round 8

Round 9

# pAKT (60kDa) // GAPDH (37kDa)

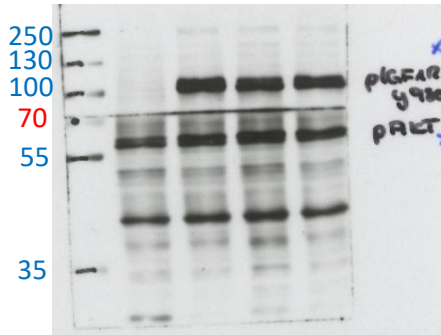
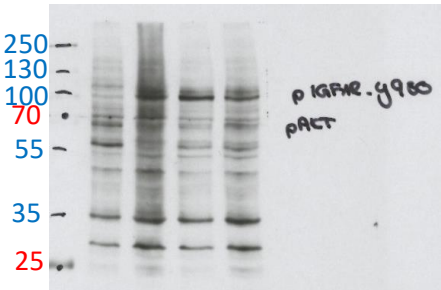
Round 1

Round 2

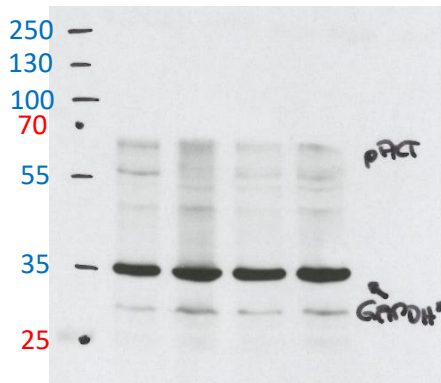
Round 3

Round 4

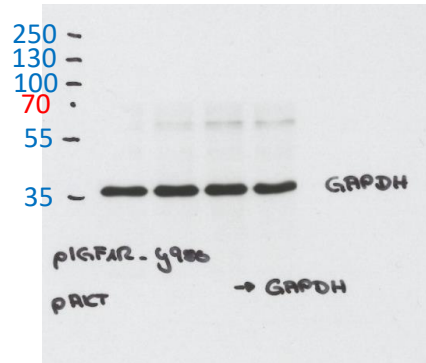
Round 5



HKE:



HKE:



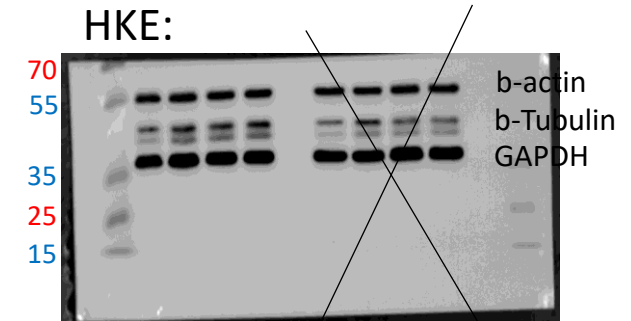
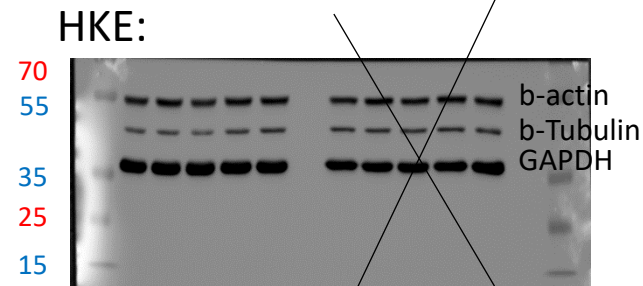
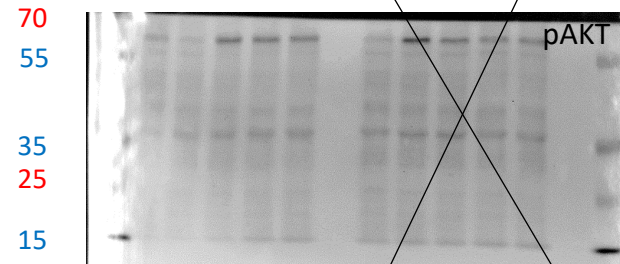
# pAKT (60kDa) // GAPDH (37kDa)

Round 6

Round 7

Round 8

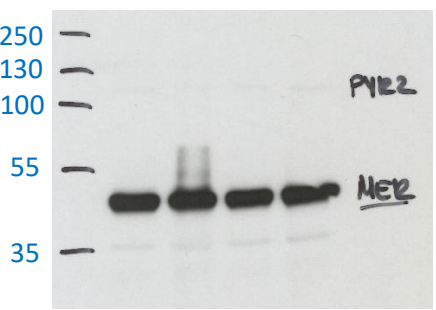
Round 9



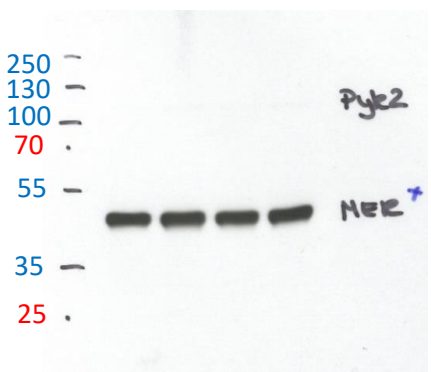
only concerns  
figure 4

# MEK 1/2 (45kDa) // GAPDH (37kDa)

Round 1

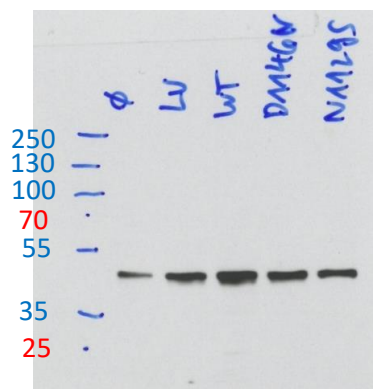


Round 2

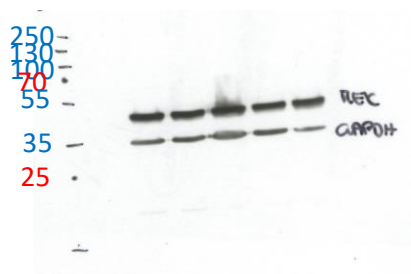


Round 3

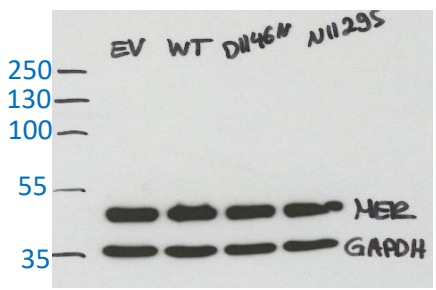
Round 4



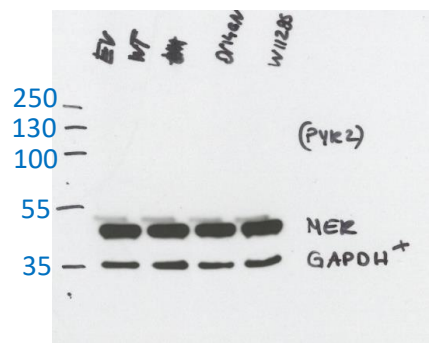
Round 5



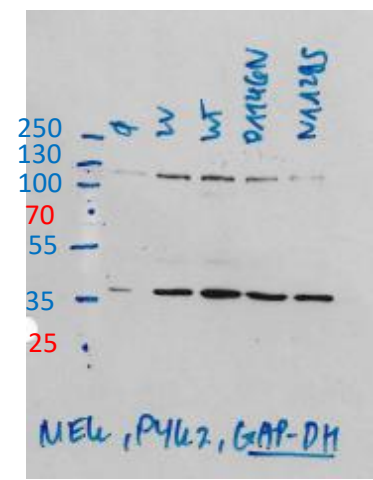
HKE:



HKE:



HKE:



HKE:



MEK 1/2 (45kDa) // GAPDH (37kDa)

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Round 6

Round 7

Round 8

Round 9

# pMEK 1/2 (45kDa) // GAPDH (37kDa)

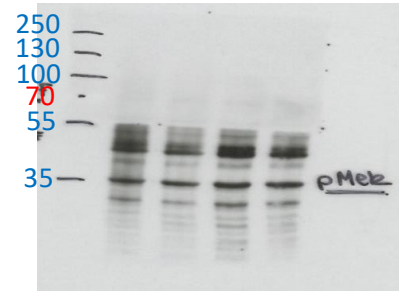
Round 1

Round 2

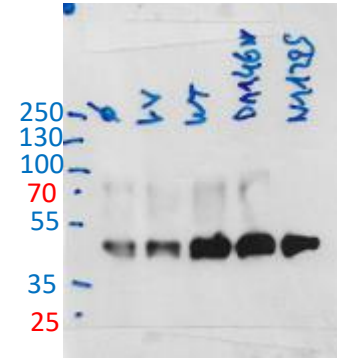
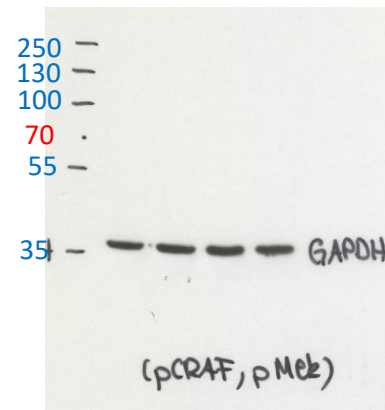
Round 3

Round 4

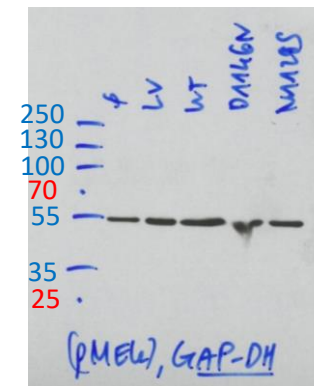
Round 5



HKE:

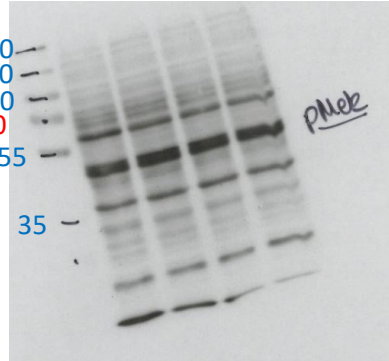


HKE:



# pMEK 1/2 (45kDa) // GAPDH (37kDa)

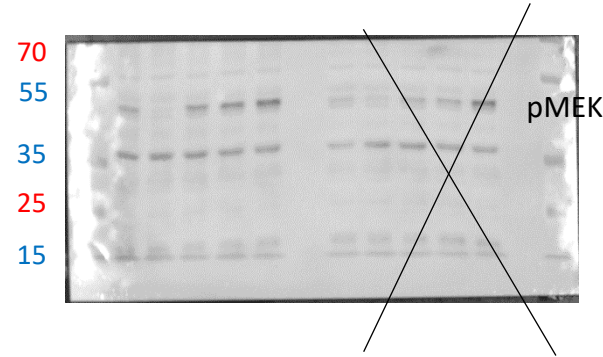
Round 6



Round 7

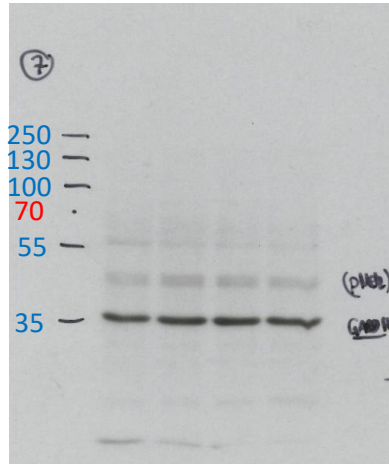


Round 8

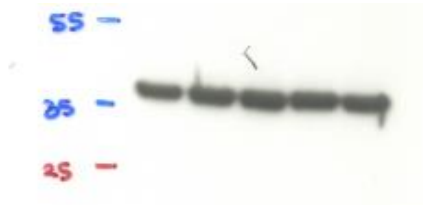


Round 9

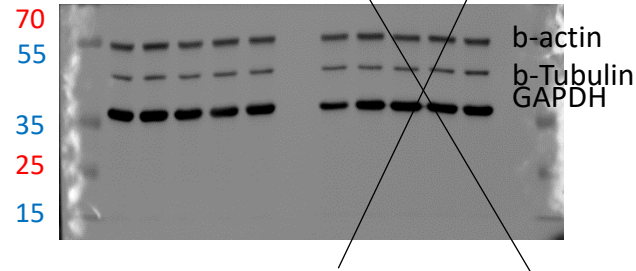
HKE:



HKE:



HKE:



only concerns  
figure 4

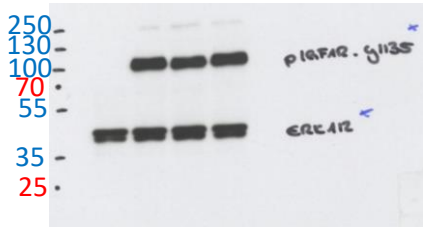


# ERK 1/2 (45kDa) // GAPDH (37kDa)

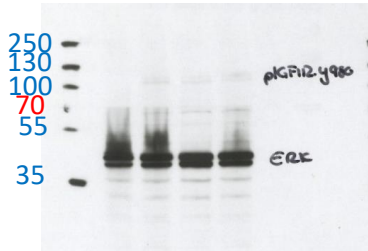
Round 1



Round 2

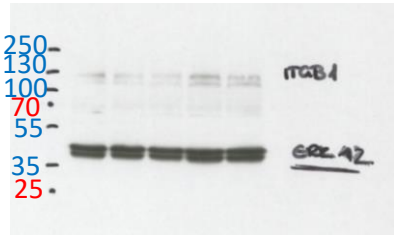


Round 3



Round 4

Round 5

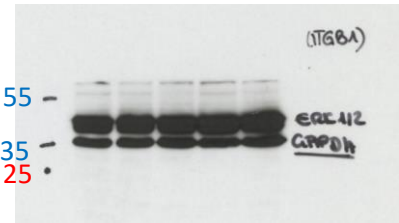
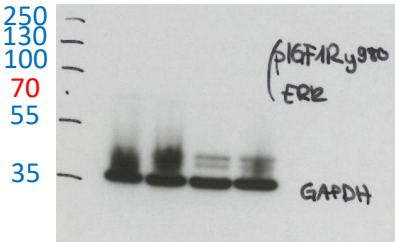
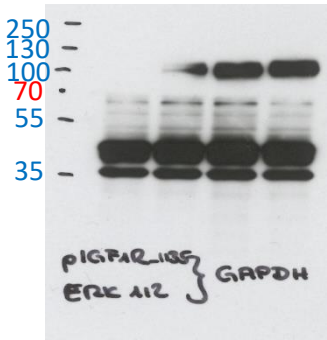
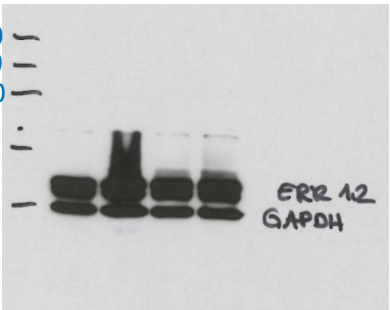


HKE:

HKE:

HKE:

HKE:



# ERK 1/2 (45kDa) // GAPDH (37kDa)

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Round 6

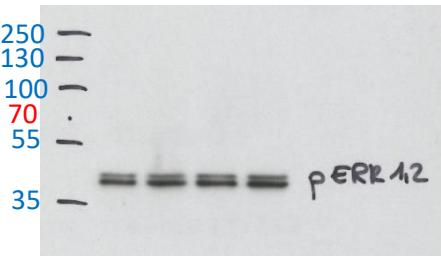
Round 7

Round 8

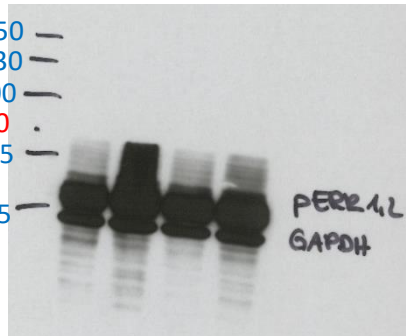
Round 9

# pERK 1/2 (45kDa) // GAPDH (37kDa)

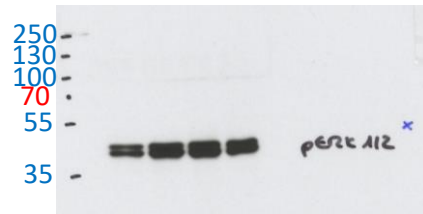
Round 1



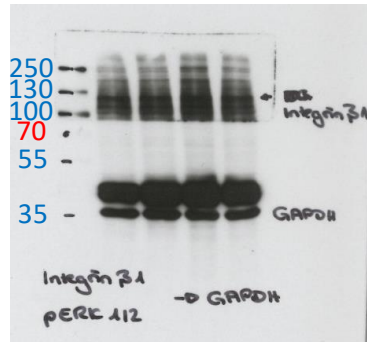
HKE:



Round 2

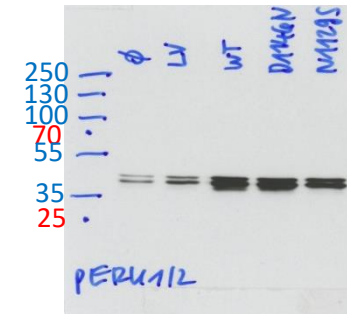


HKE:

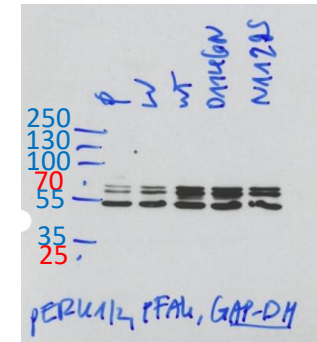


Round 3

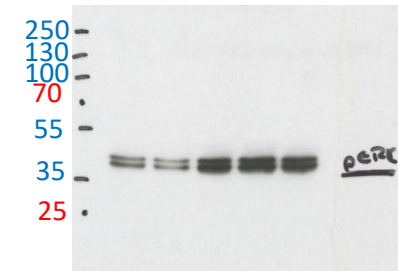
Round 4



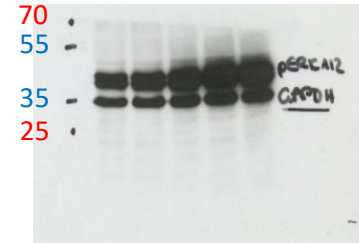
HKE:



Round 5

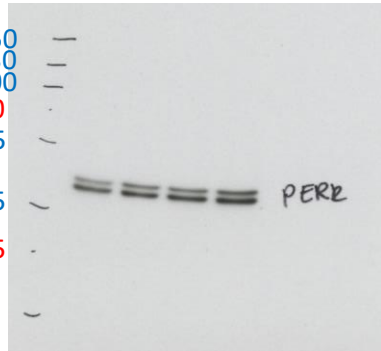


HKE:

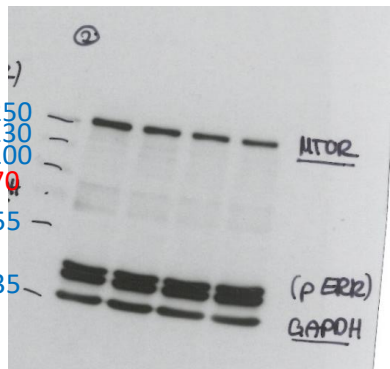


# pERK 1/2 (45kDa) // GAPDH (37kDa)

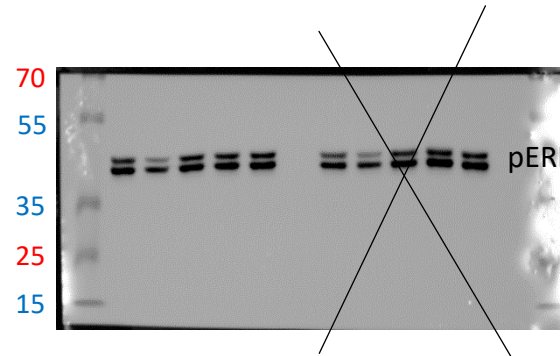
Round 6



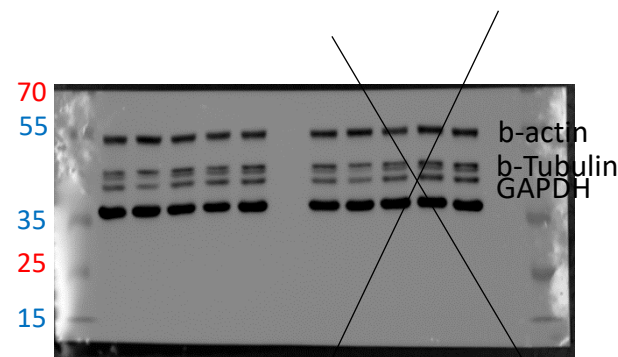
Round 7



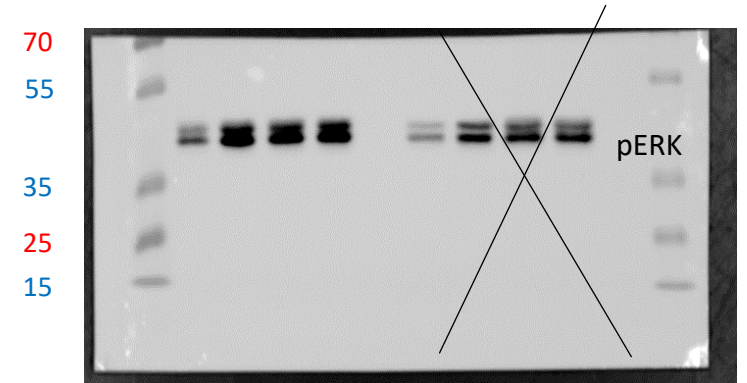
Round 8



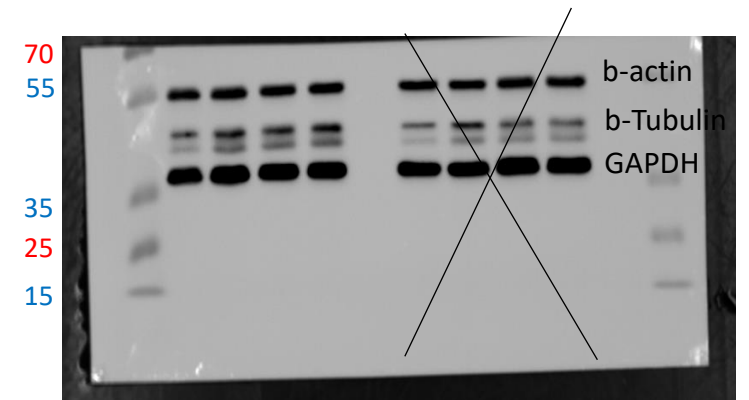
HKE:



Round 9



HKE:



only concerns  
figure 4

# Figure 2A (U-266)

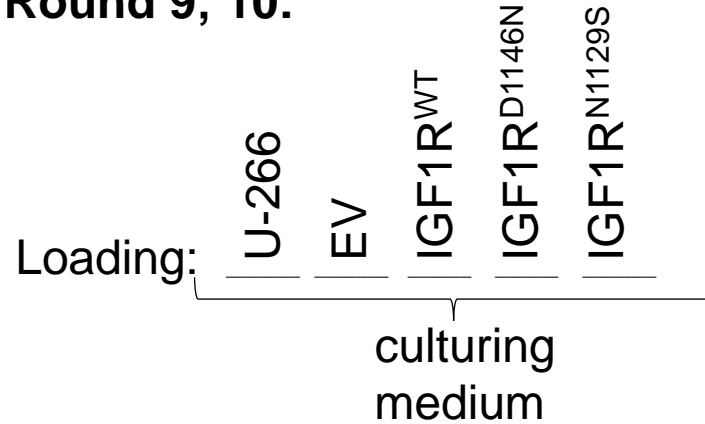
**Round 1,3:**



**Round 2; 4-8:**



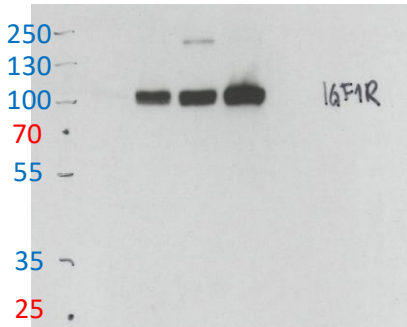
**Round 9; 10:**



only concerns  
figure 4, therefore  
crossed out

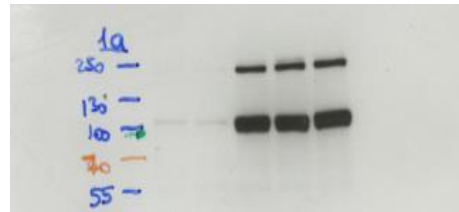
# IGF1R (95kDa) // GAPDH (37kDa)

Round 1



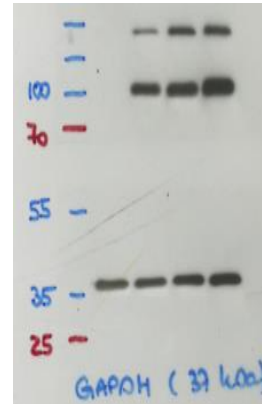
HKE:

Round 2



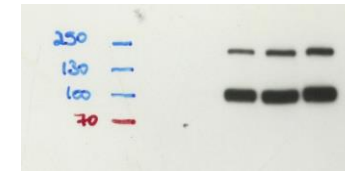
HKE:

Round 3



HKE:

Round 4

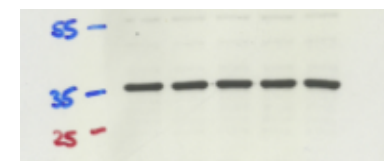
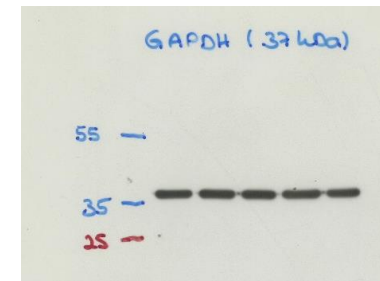
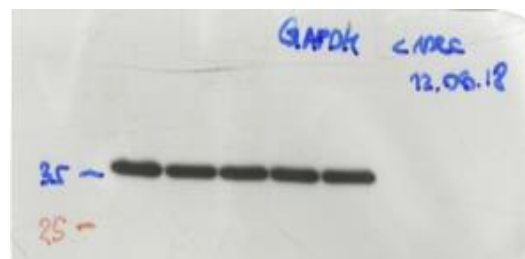
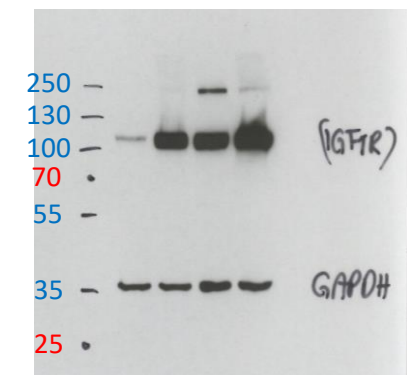


HKE:

Round 5



HKE:



# IGF1R (95kDa) // GAPDH (37kDa)

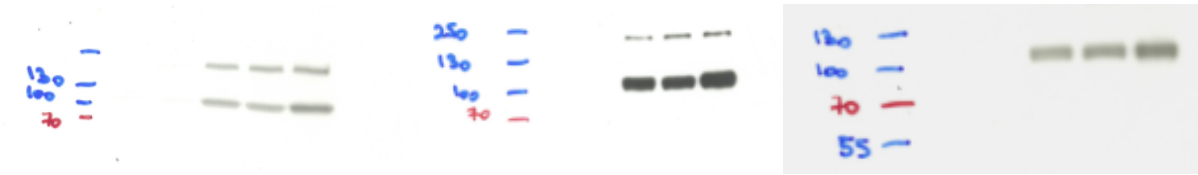
Round 6

Round 7

Round 8

Round 9

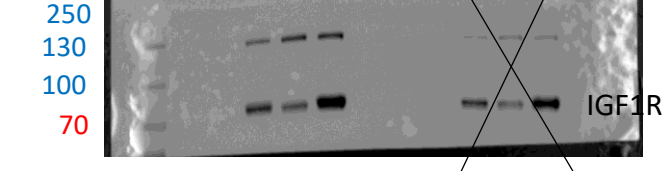
Round 10



HKE:

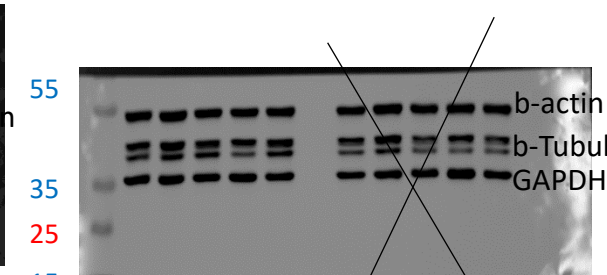
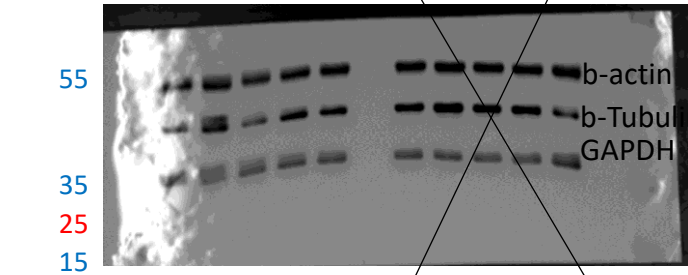
HKE:

HKE:



HKE

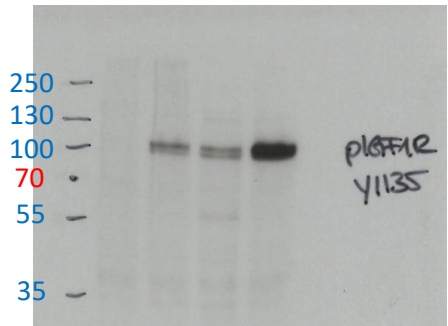
HKE



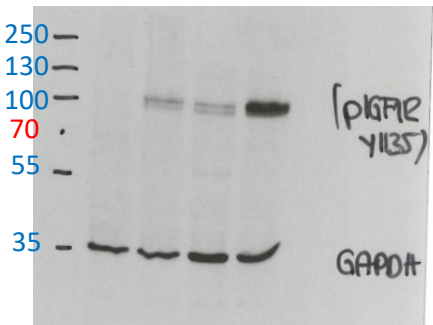
only concerns  
figure 4

# pIGF1R (Y1135) (95kDa) // GAPDH (37kDa)

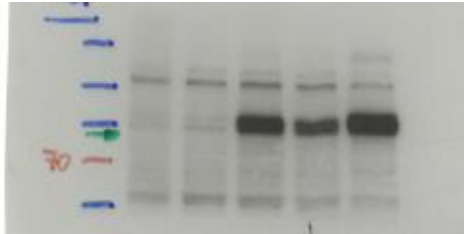
Round 1



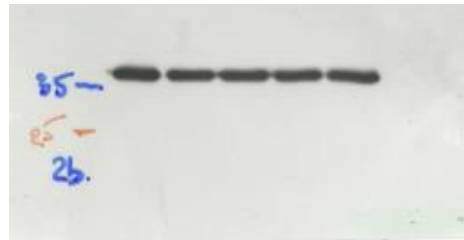
HKE:



Round 2

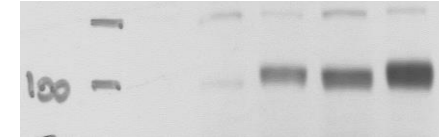


HKE:

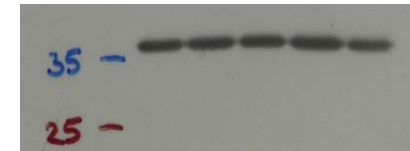


Round 3

Round 4



HKE:



Round 5



HKE:





# pIGF1R (Y1135) (95kDa) // GAPDH (37kDa)

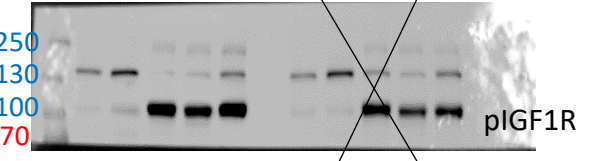
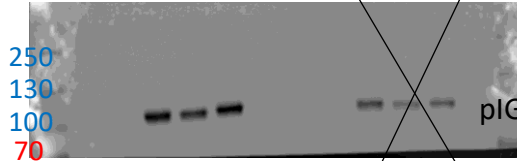
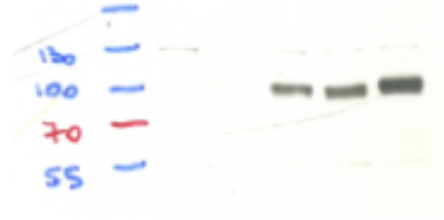
Round 6

Round 7

Round 8

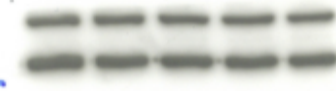
Round 9

Round 10

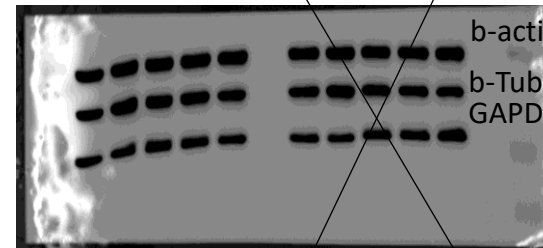


HKE:

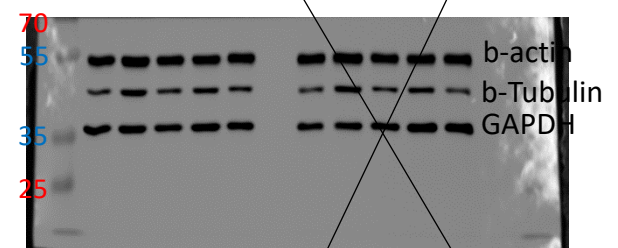
35 -  
25 -



HKE:

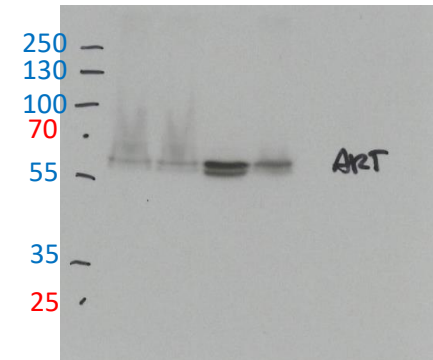


HKE:

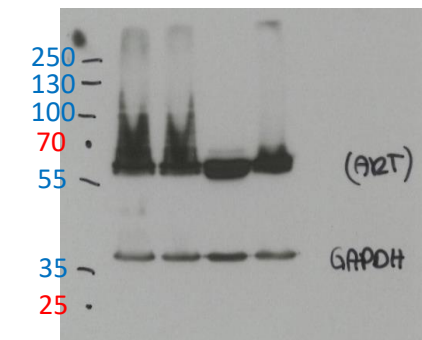


# AKT (60kDa) // GAPDH (37kDa)

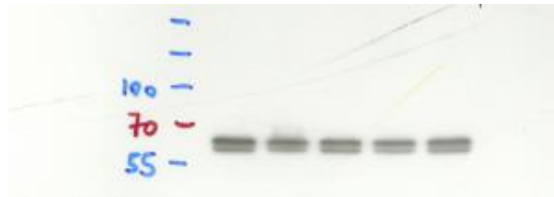
Round 1



HKE:



Round 2

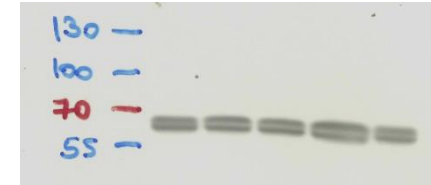


HKE:

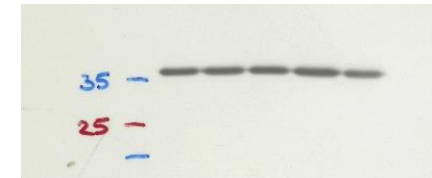


Round 3

Round 4



HKE:



Round 5



HKE:



# AKT (60kDa) // GAPDH (37kDa)

Round 6

Round 7

Round 8

Round 9

Round 10



HKE:



# pAKT (60kDa) // GAPDH (37kDa)

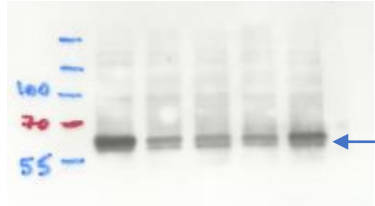
Round 1

Round 2

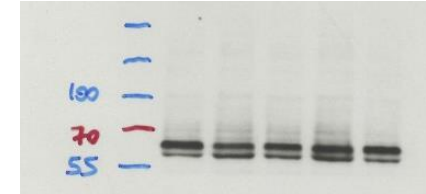
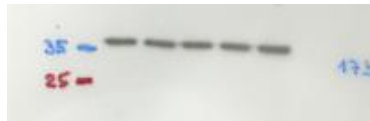
Round 3

Round 4

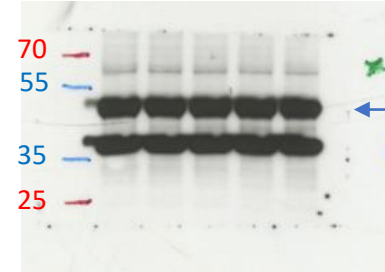
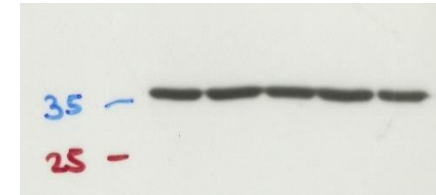
Round 5



HKE:



HKE:



HKE:



# pAKT (60kDa) // GAPDH (37kDa)

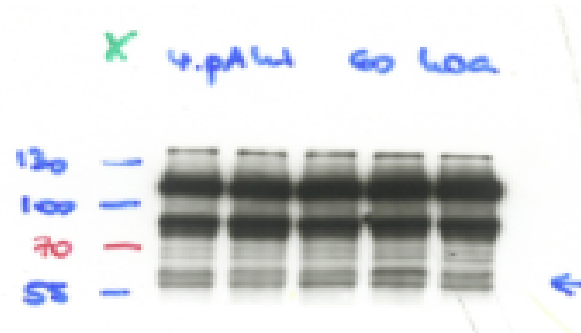
Round 6

Round 7

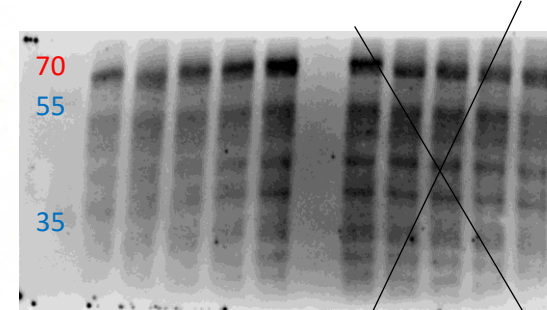
Round 8

Round 9

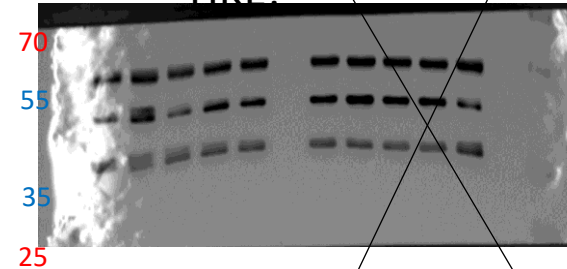
Round 10



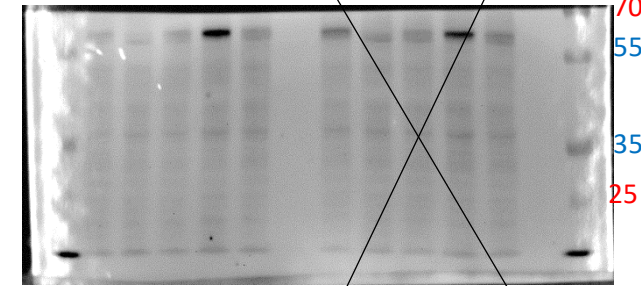
HKE:



HKE:

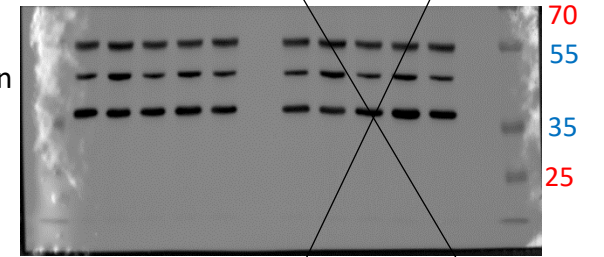


pAKT



HKE:

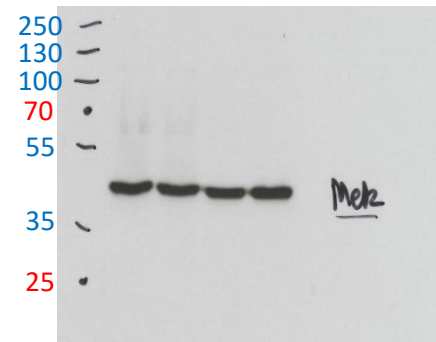
b-actin  
b-Tubulin  
GAPDH



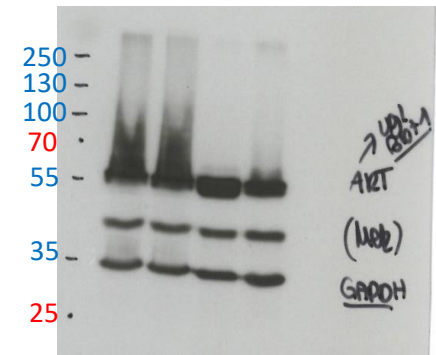
only concerns  
figure 4

# MEK 1/2 (45kDa) // GAPDH (37kDa)

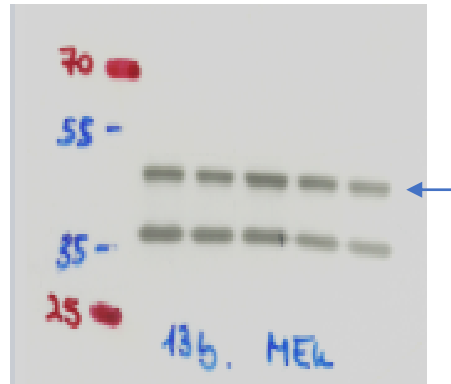
Round 1



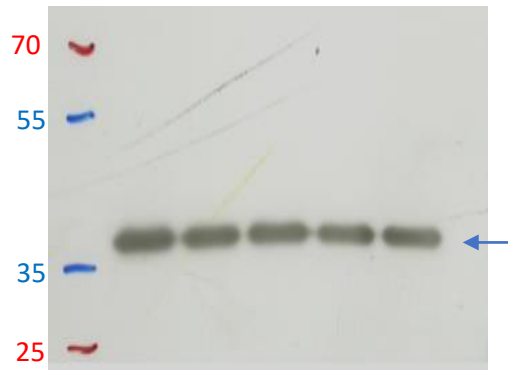
HKE:



Round 2

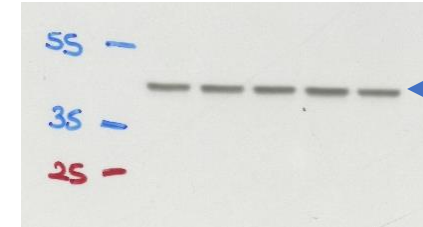


HKE:

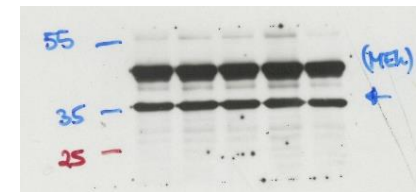


Round 3

Round 4



HKE:



Round 5



HKE:



# MEK 1/2 (45kDa) // GAPDH (37kDa)

Round 6

Round 7

Round 8

Round 9

Round 10

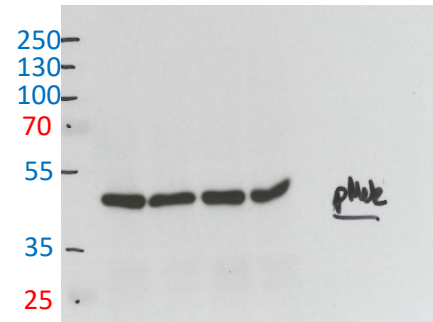


HKE:

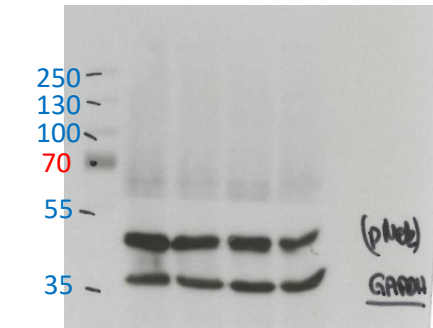


# pMEK 1/2 (45kDa) // GAPDH (37kDa)

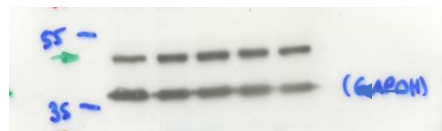
Round 1



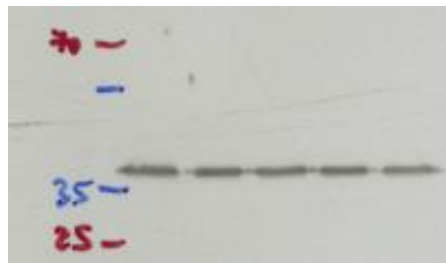
HKE:



Round 2



HKE:

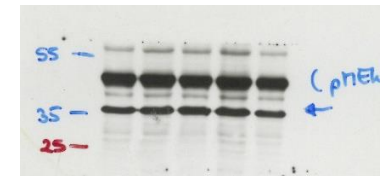


Round 3



Round 4

HKE:



Round 5



HKE:





# pMEK 1/2 (45kDa) // GAPDH (37kDa)

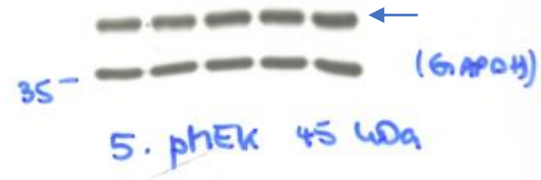
Round 6

Round 7

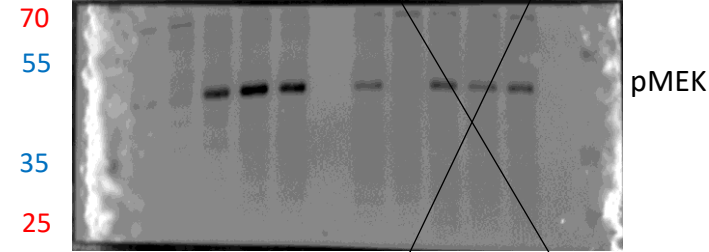
Round 8

Round 9

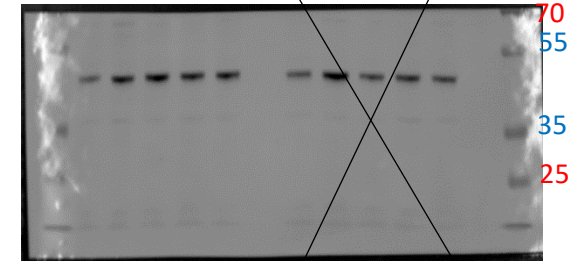
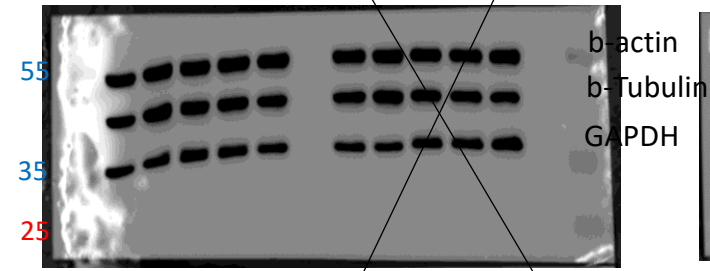
Round 10



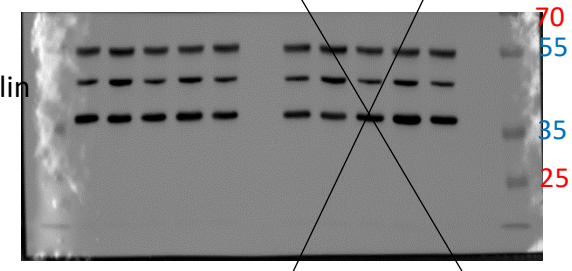
HKE:



HKE:



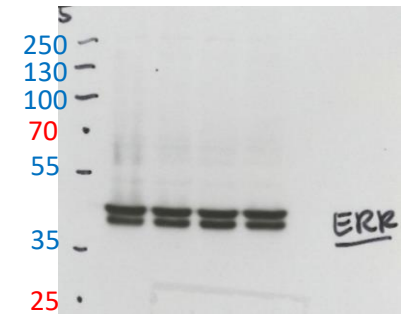
HKE:



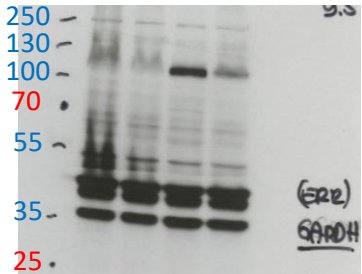
only concerns  
figure 4

# ERK 1/2 (45kDa) // GAPDH (37kDa)

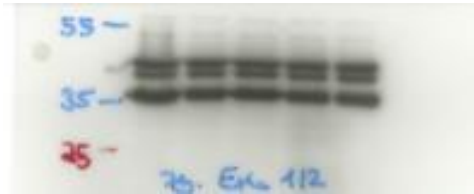
Round 1



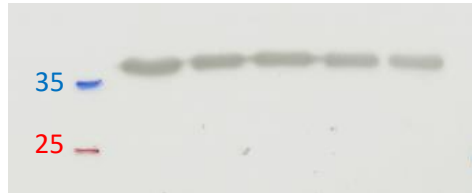
HKE:



Round 2

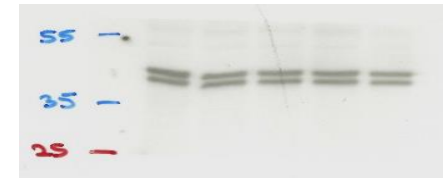


HKE:

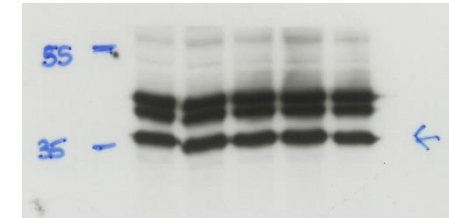


Round 3

Round 4



HKE:



Round 5



HKE:



# ERK 1/2 (45kDa) // GAPDH (37kDa)

Round 6

Round 7

Round 8

Round 9

Round 10

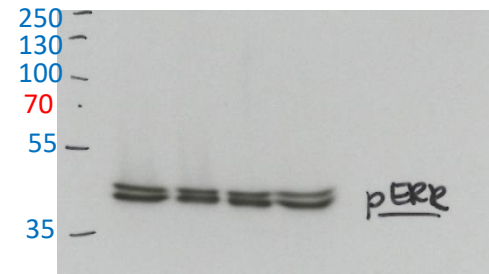


HKE:

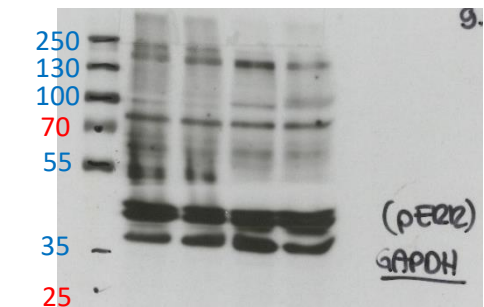


# pERK 1/2 (45kDa) // GAPDH (37kDa)

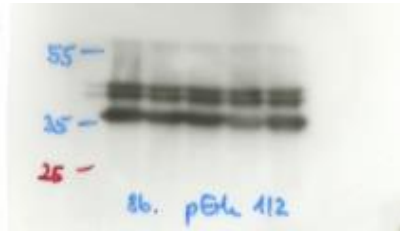
Round 1



HKE:



Round 2

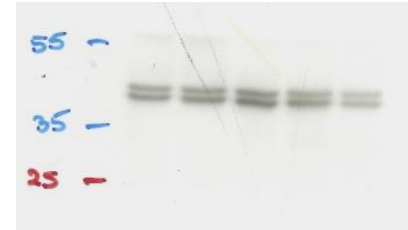


HKE:

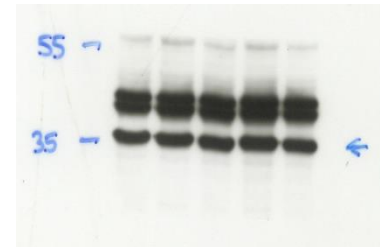


Round 3

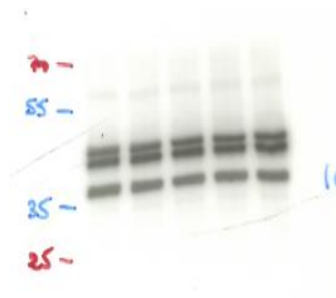
Round 4



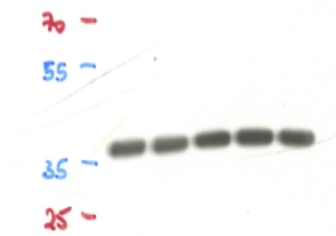
HKE:



Round 5



HKE:



# pERK 1/2 (45kDa) // GAPDH (37kDa)

Round 6

Round 7

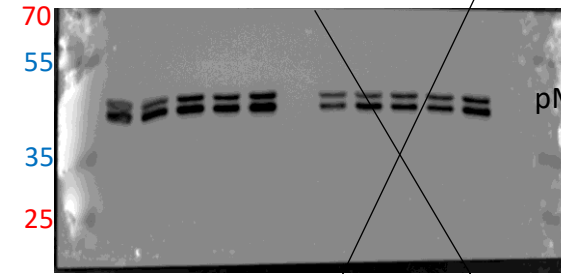
Round 8

Round 9

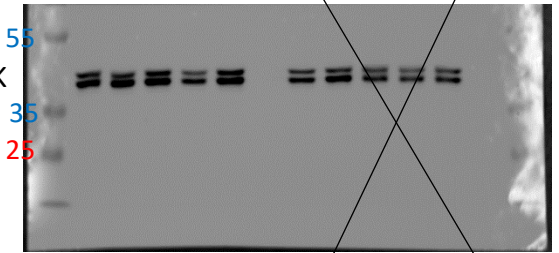
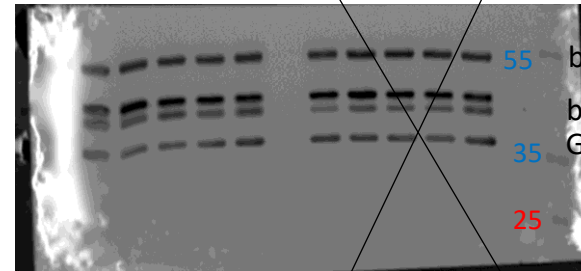
Round 10



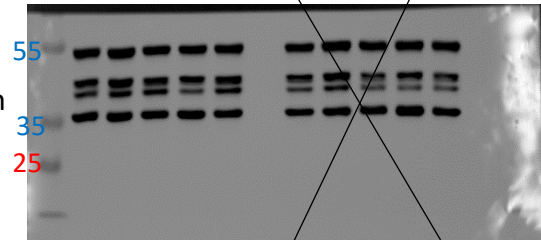
HKE:



HKE:



HKE:

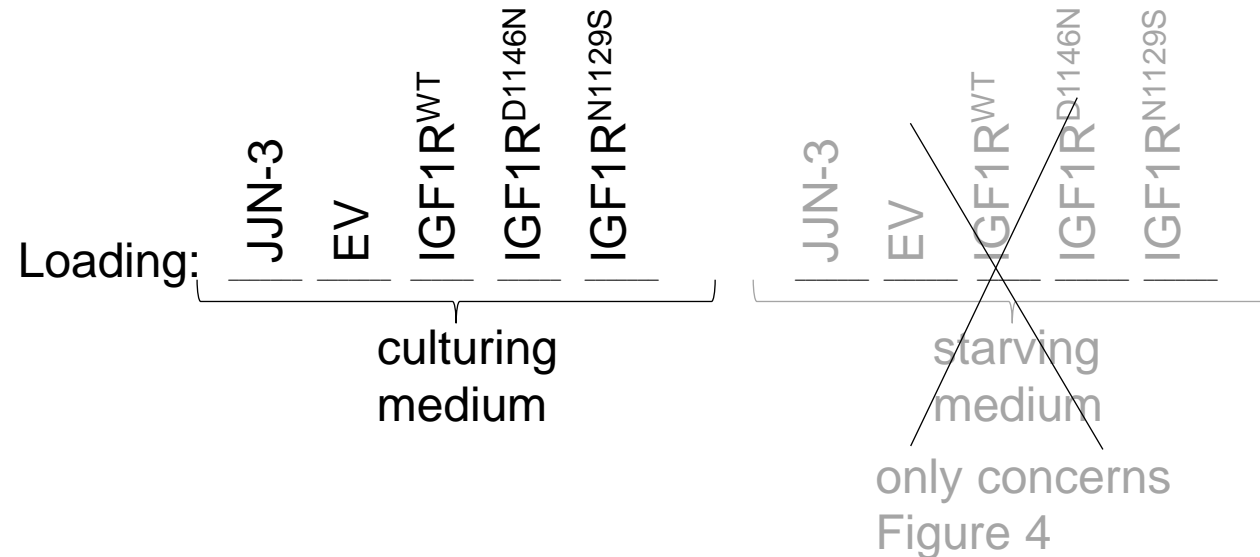


# Figure 2A (JJN-3)

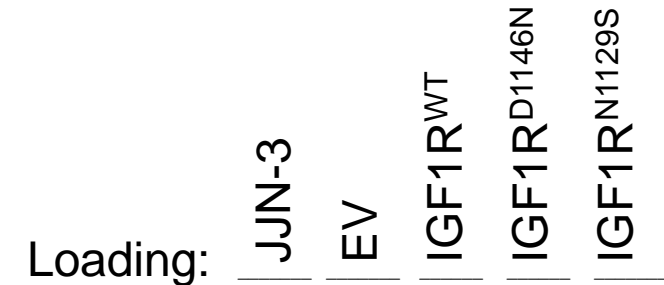
Round 1-3:



Round 4-6:

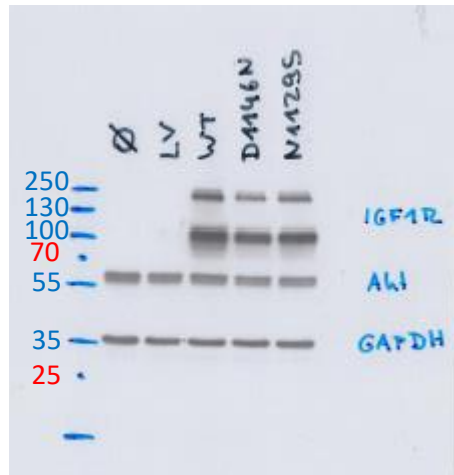


for AKT, MEK & ERK (Round 5,6): normal loading

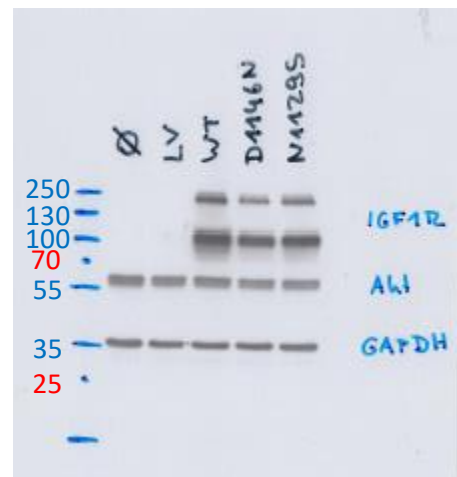


# IGF1R (95kDa) // GAPDH (37kDa)

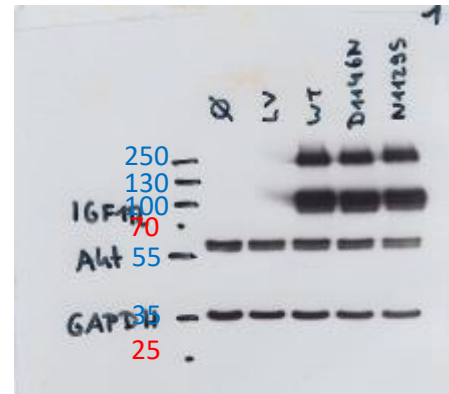
Round 1



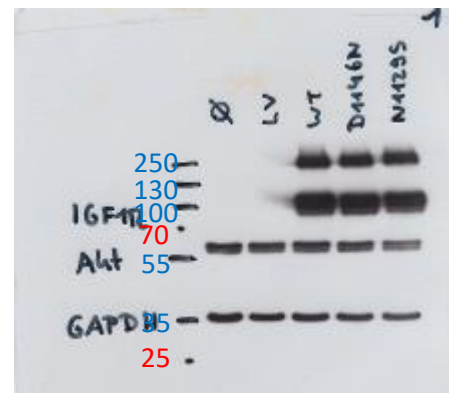
HKE:



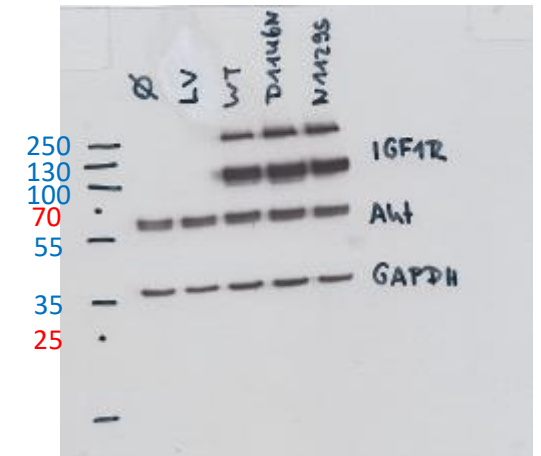
Round 2



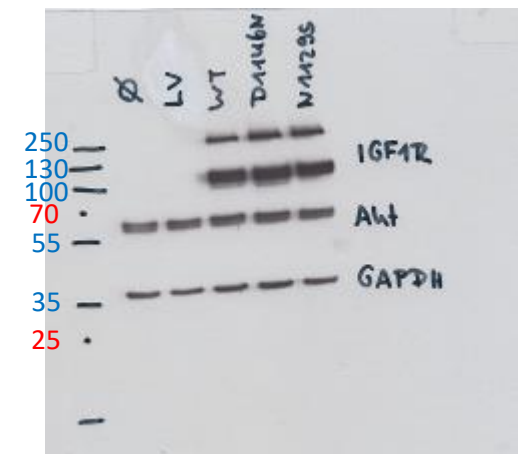
HKE:



Round 3

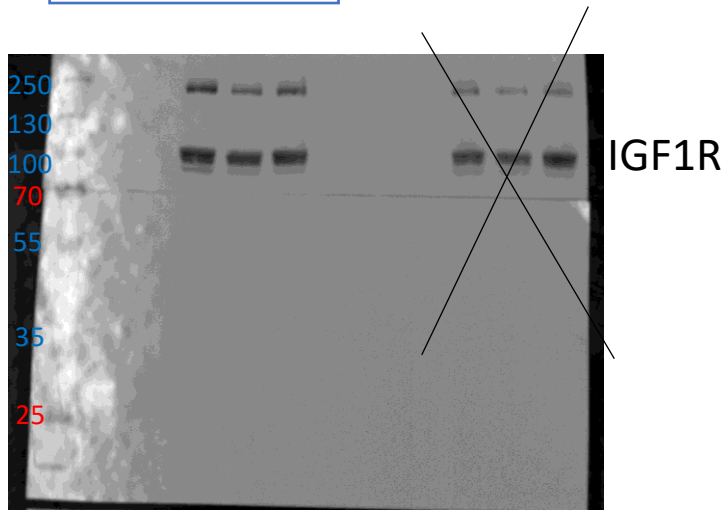


HKE:

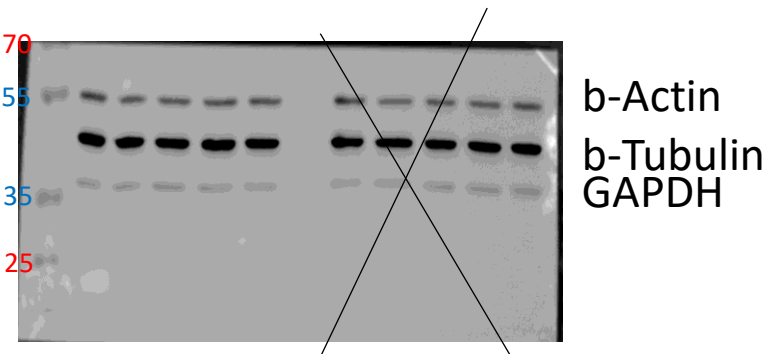


# IGF1R (95kDa) // GAPDH (37kDa)

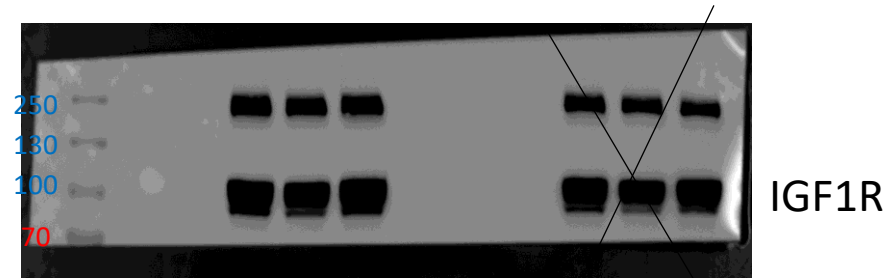
Round 4



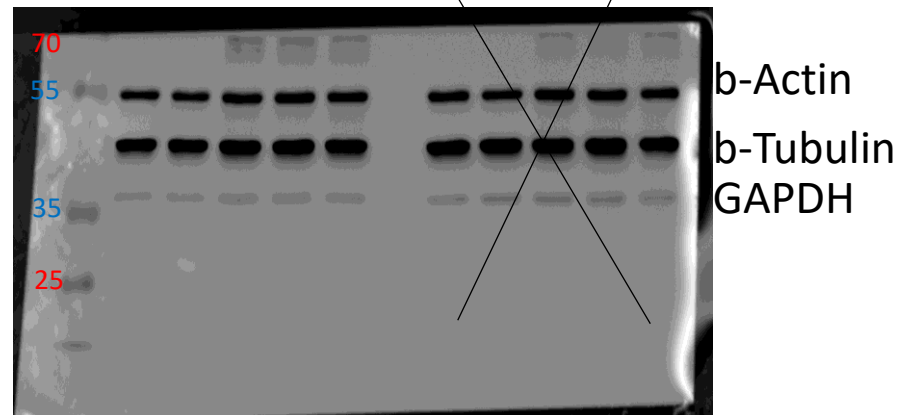
HKE:



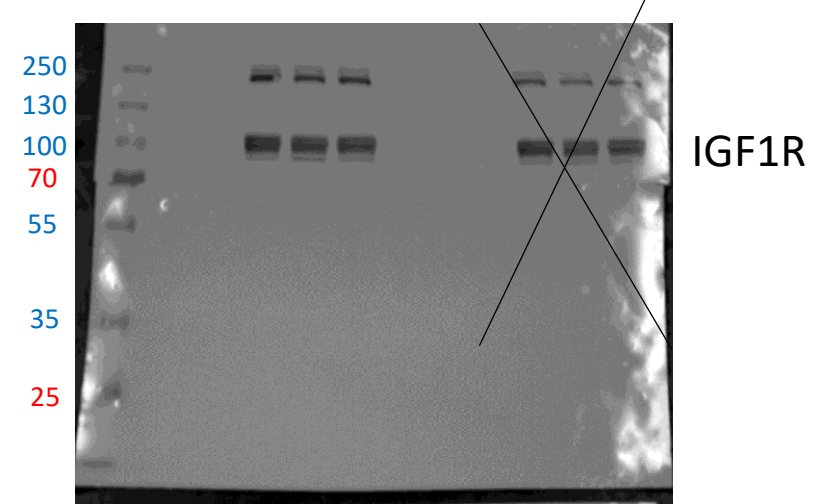
Round 5



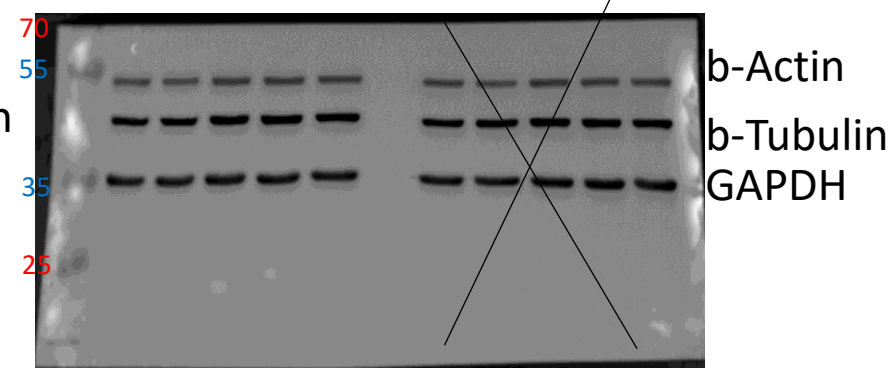
HKE:



Round 6



HKE:

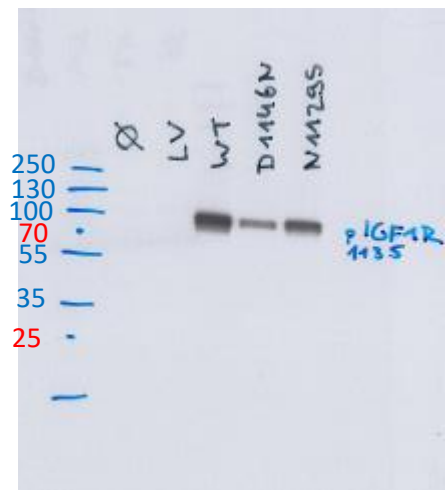


only concerns  
figure 4

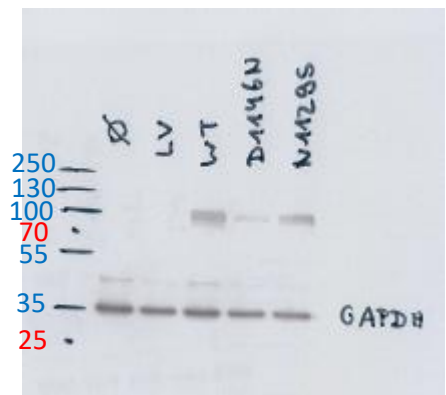


# pIGF1R (Y1135) (95kDa) // GAPDH (37kDa)

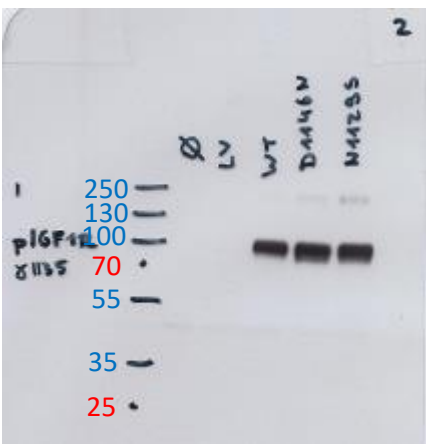
Round 1



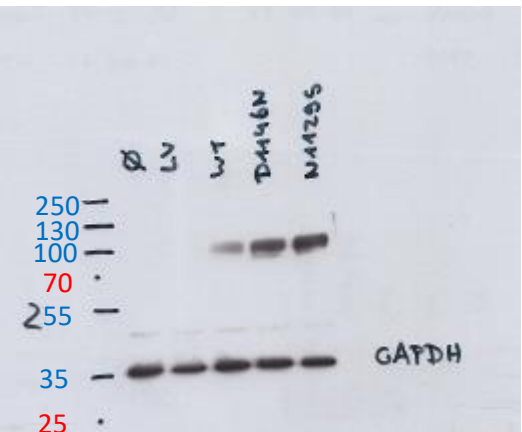
HKE:



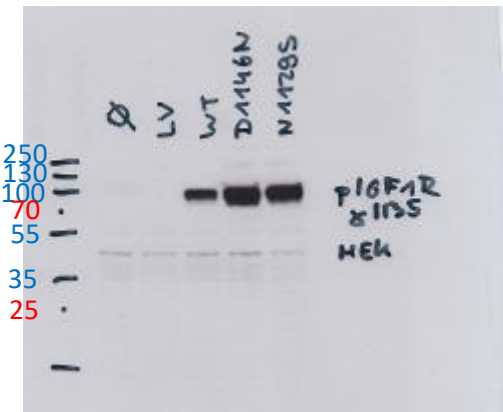
Round 2



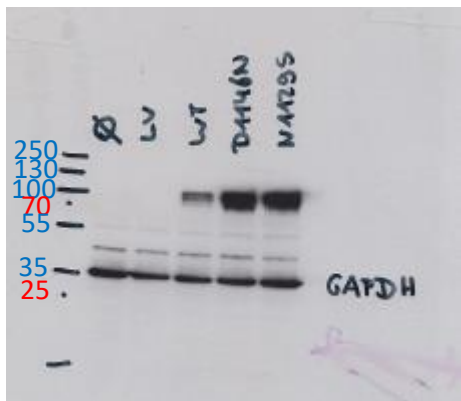
HKE:



Round 3

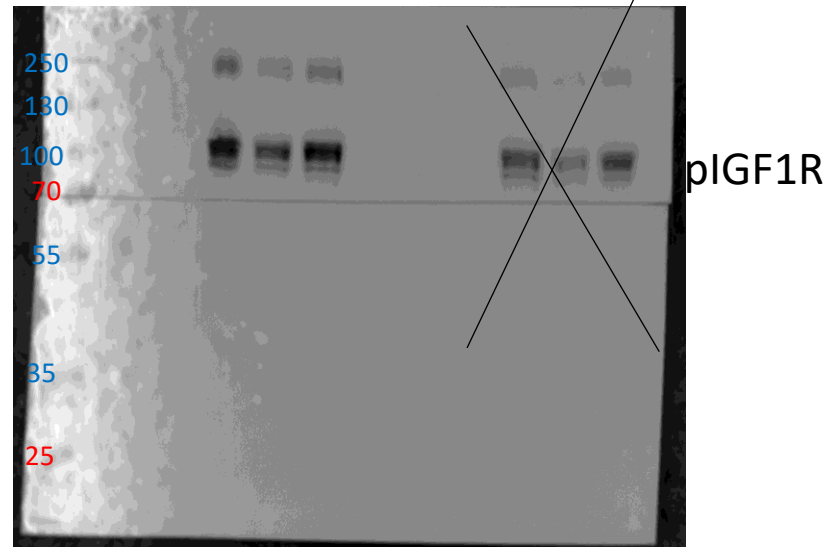


HKE:

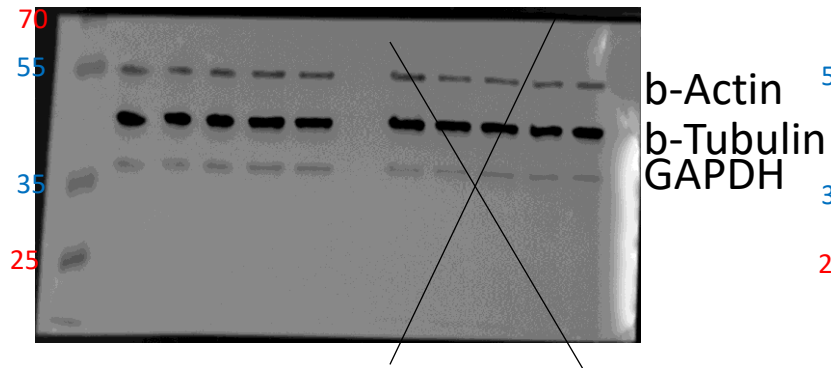


# pIGF1R (Y1135) (95kDa) // GAPDH (37kDa)

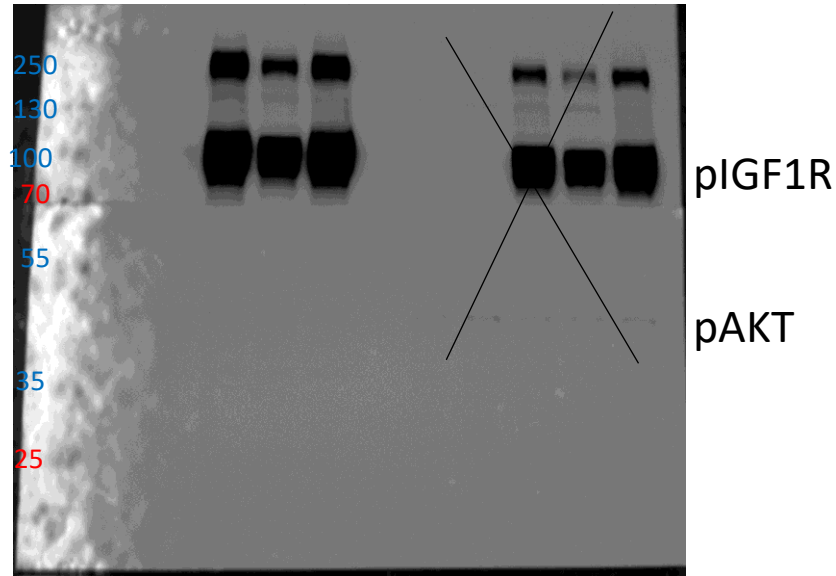
Round 4



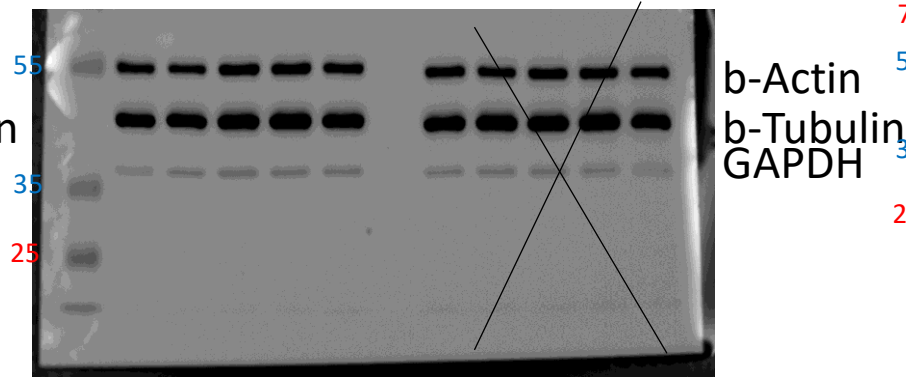
HKE:



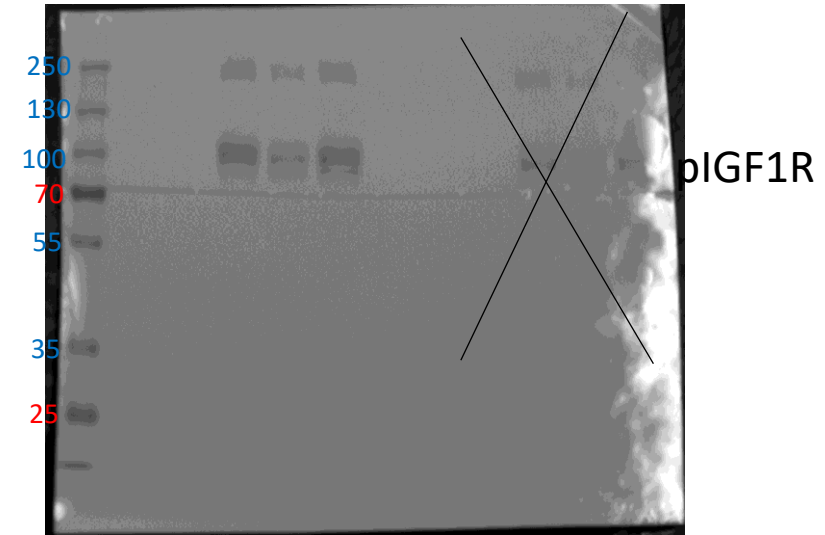
Round 5



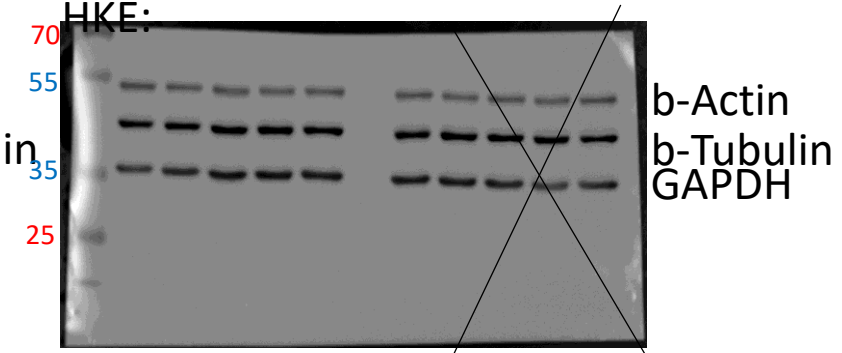
HKE:



Round 6



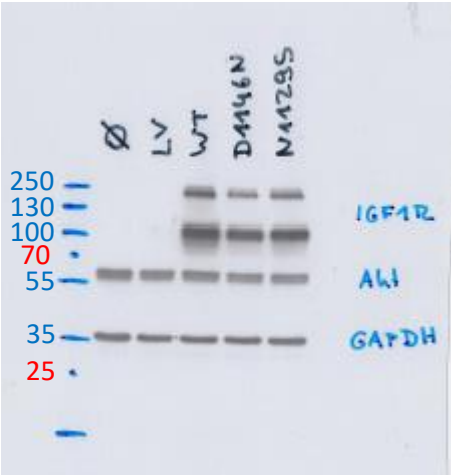
HKE:



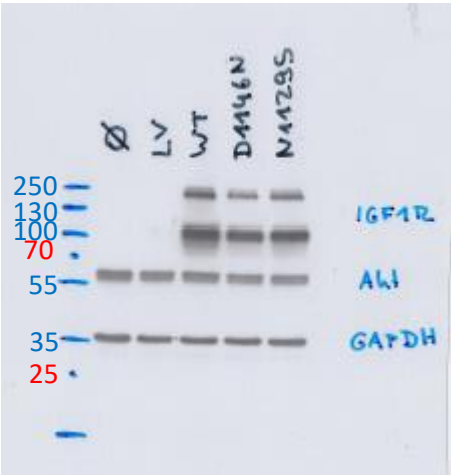
only concerns  
figure 4

# AKT (60kDa) // GAPDH (37kDa)

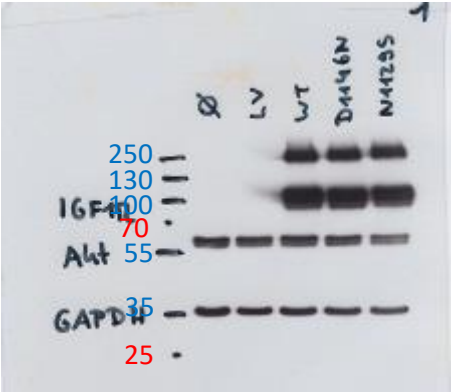
Round 1



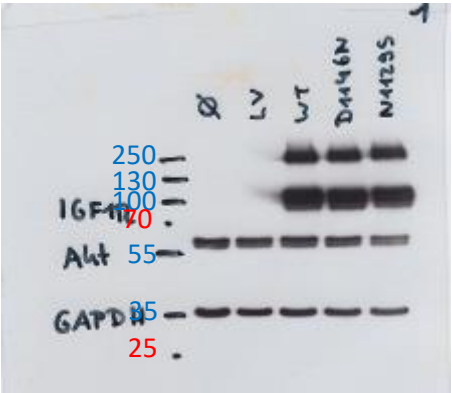
HKE:



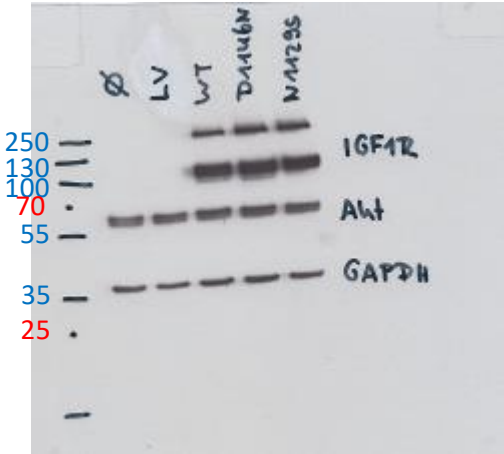
Round 2



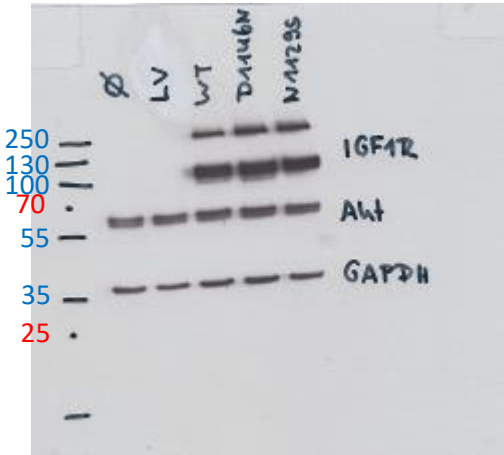
HKE:



Round 3

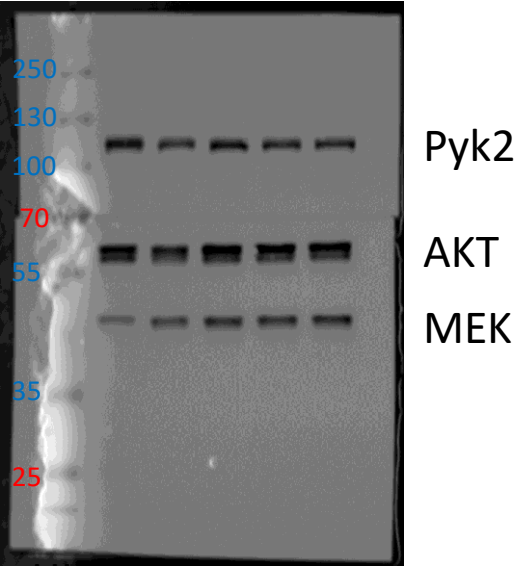


HKE:

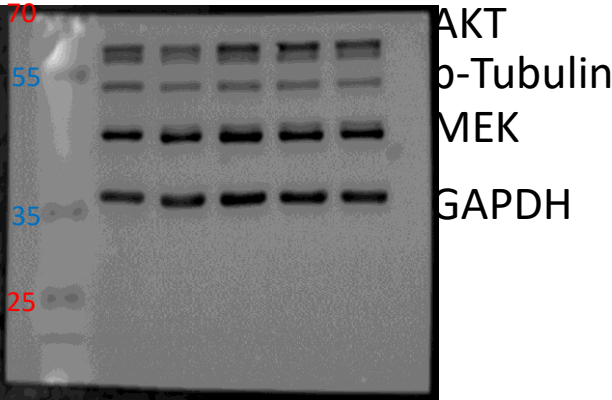


# AKT (60kDa) // GAPDH (37kDa)

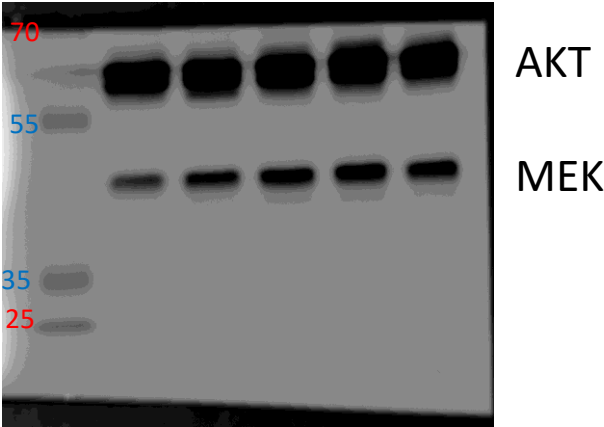
Round 4



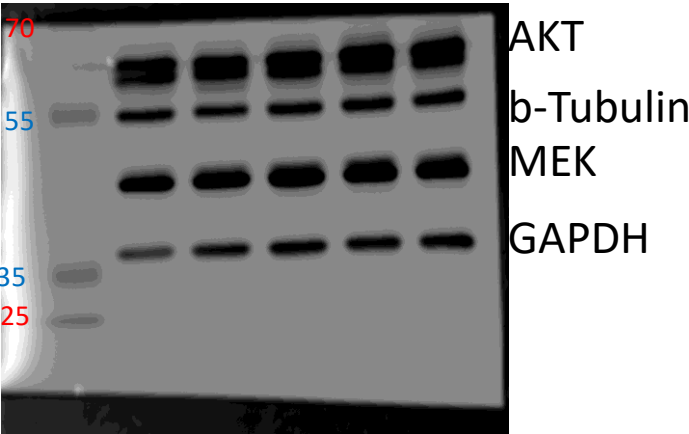
HKE:



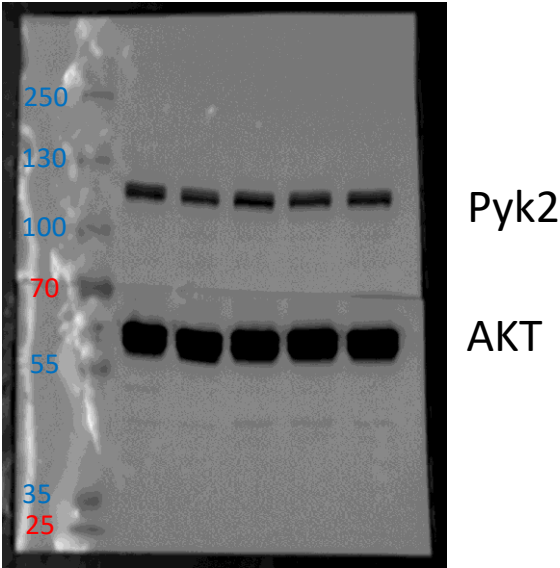
Round 5



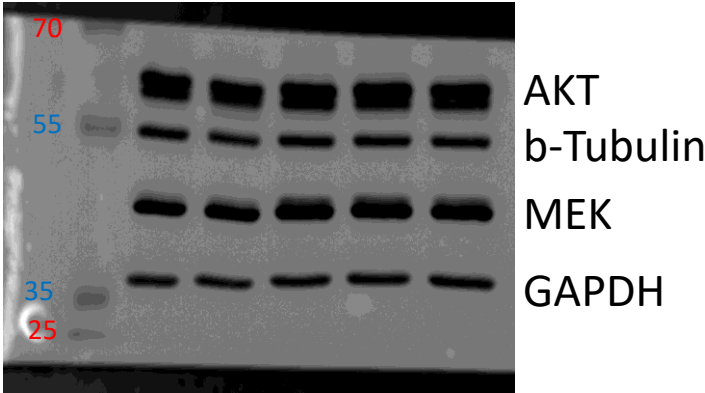
HKE:



Round 6

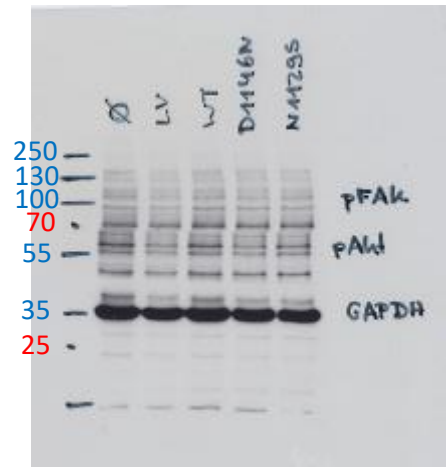


HKE:

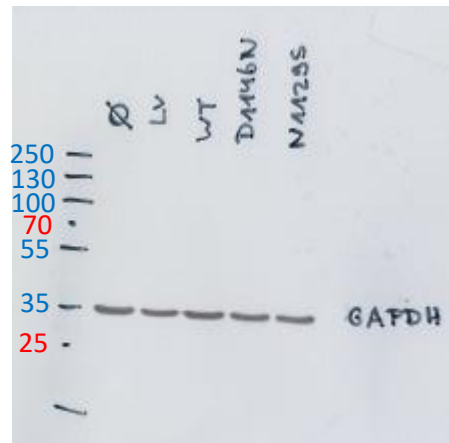


# pAKT (60kDa) // GAPDH (37kDa)

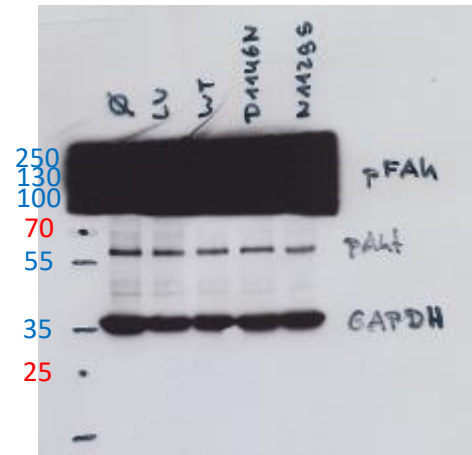
Round 1



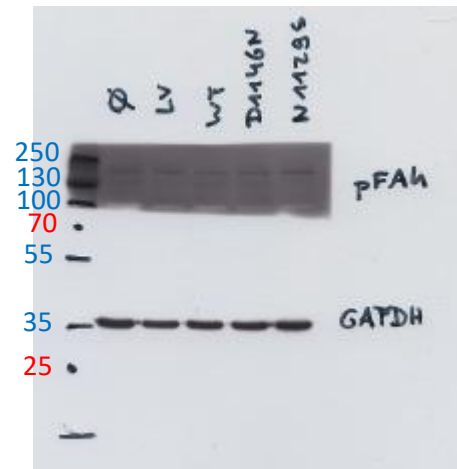
HKE:



Round 2



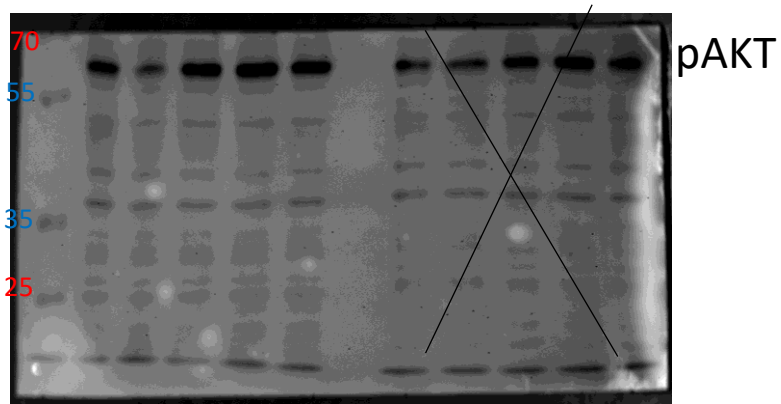
HKE:



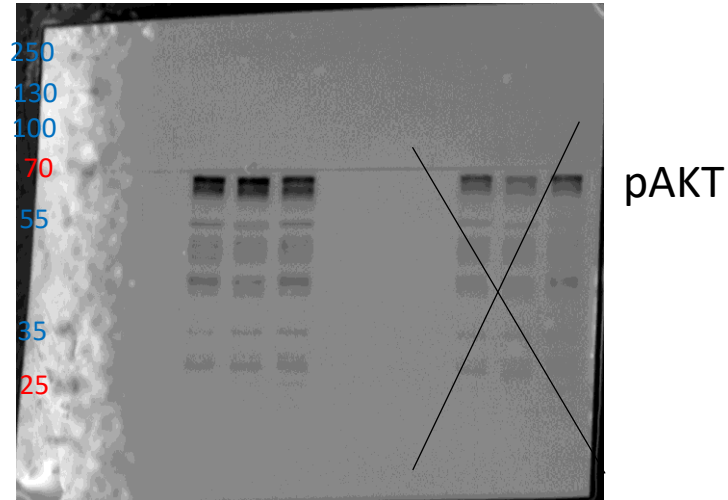
Round 3

# pAKT (60kDa) // GAPDH (37kDa)

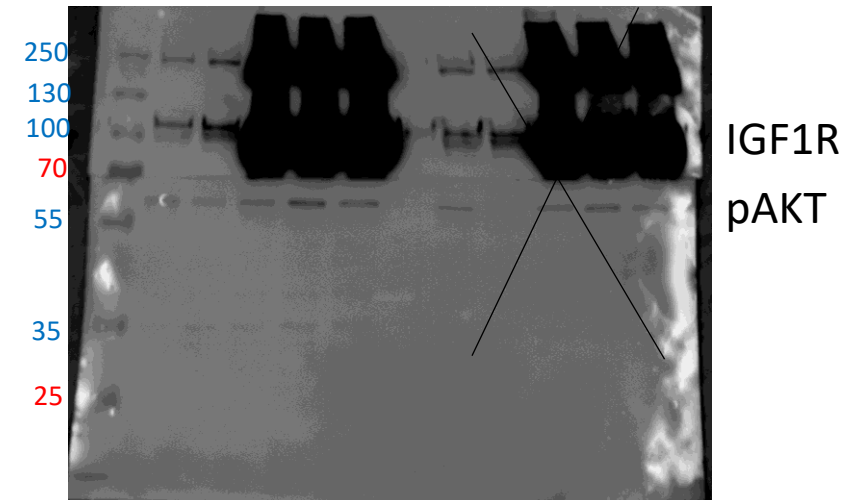
Round 4



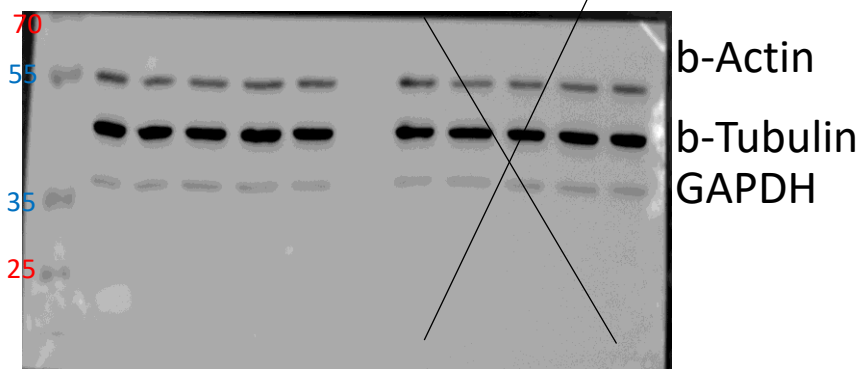
Round 5



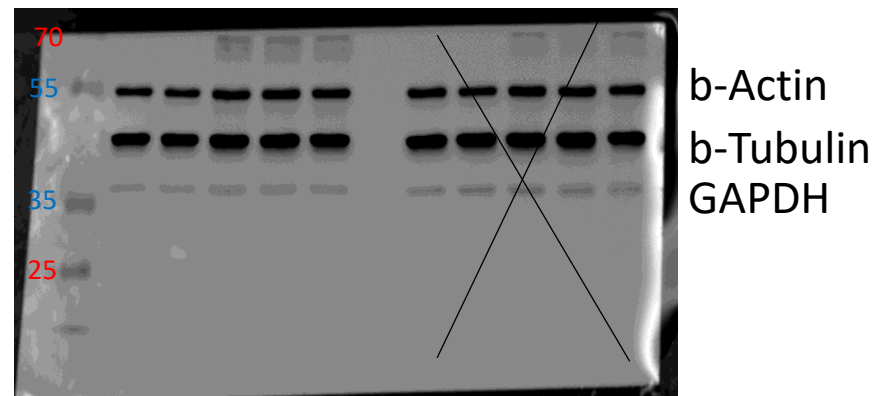
Round 6



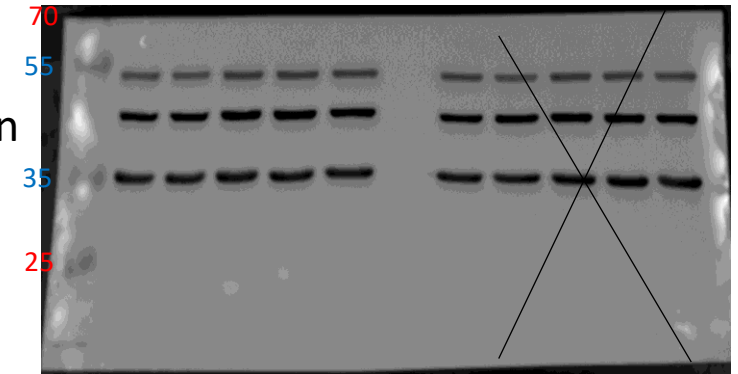
HKE:



HKE:



HKE:

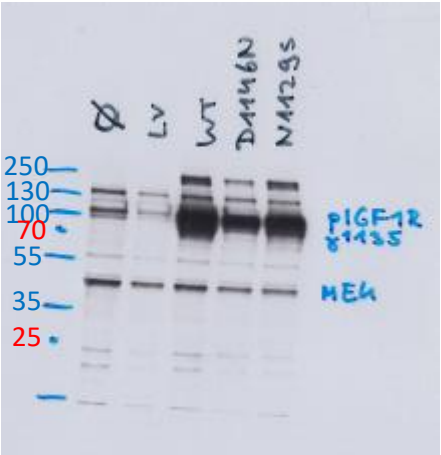


only concerns  
figure 4

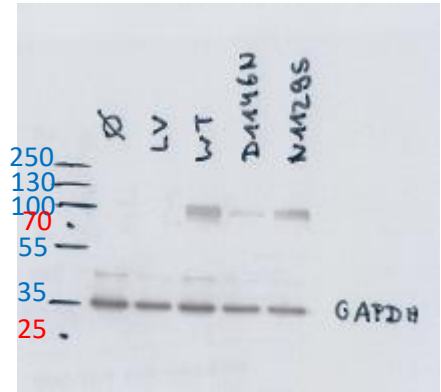


# MEK 1/2 (45kDa) // GAPDH (37kDa)

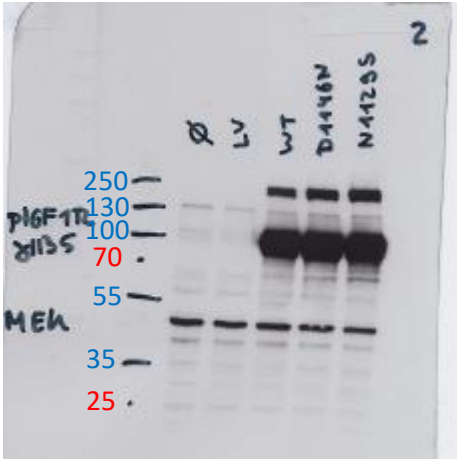
Round 1



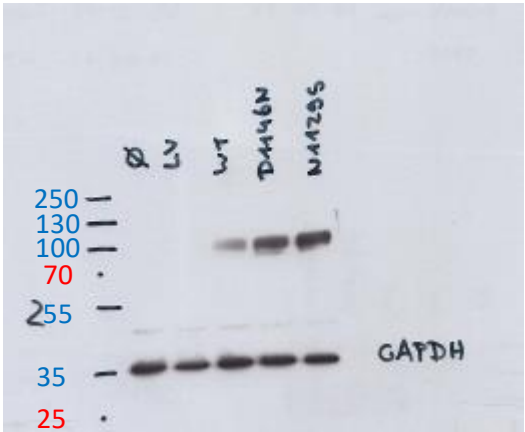
HKE:



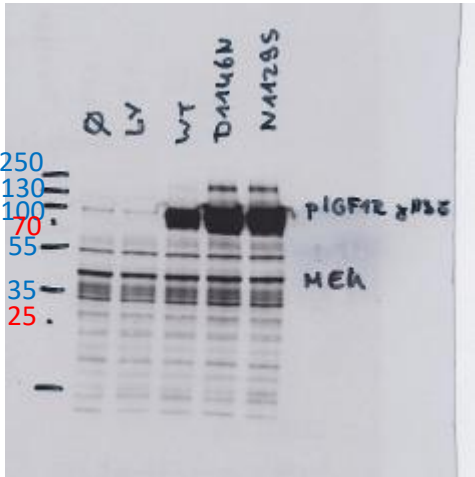
Round 2



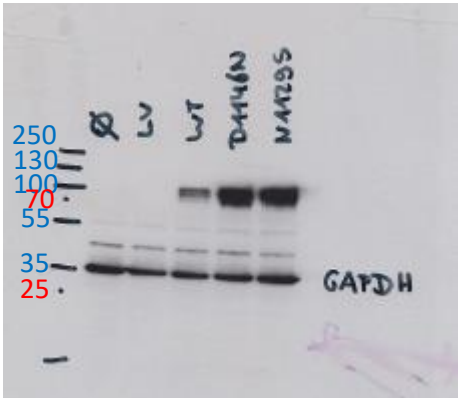
HKE:



Round 3

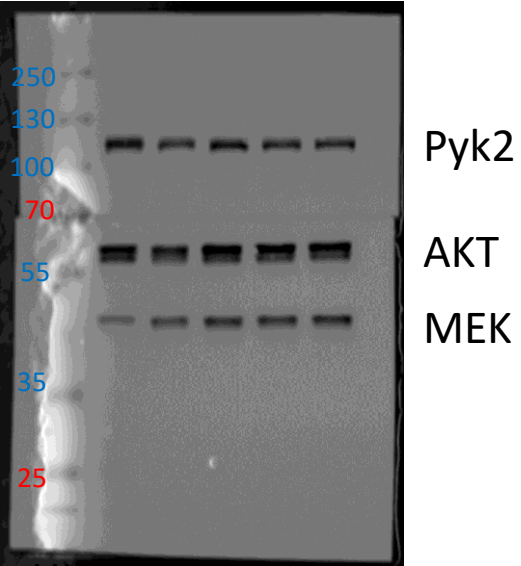


HKE:

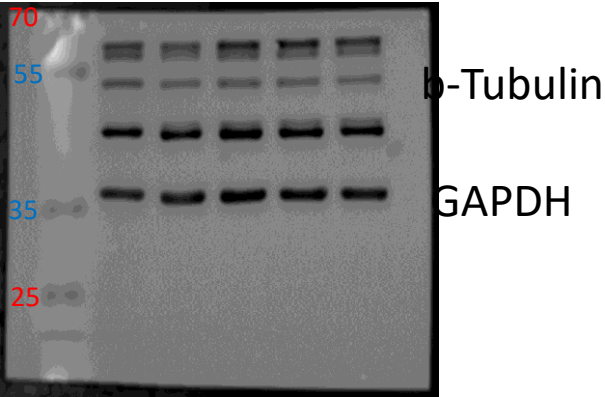


# MEK 1/2 (45kDa) // GAPDH (37kDa)

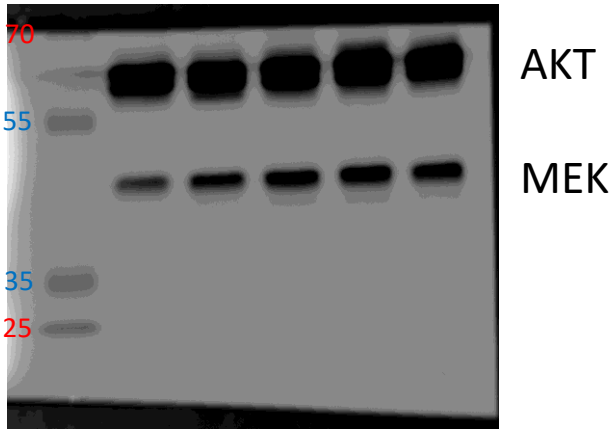
Round 4



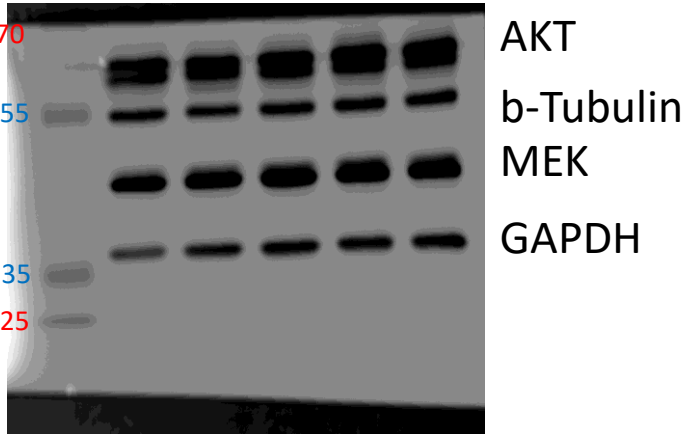
HKE:



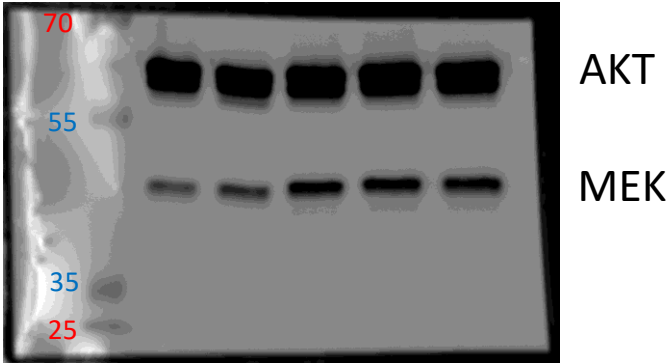
Round 5



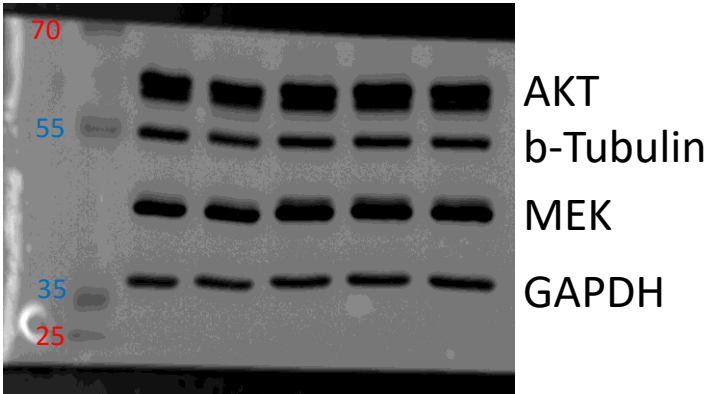
HKE:



Round 6



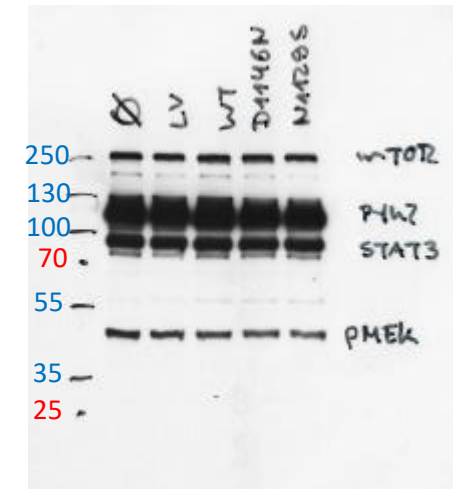
HKE:



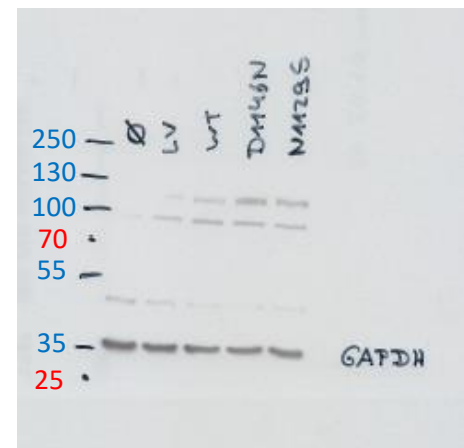


# pMEK 1/2 (45kDa) // GAPDH (37kDa)

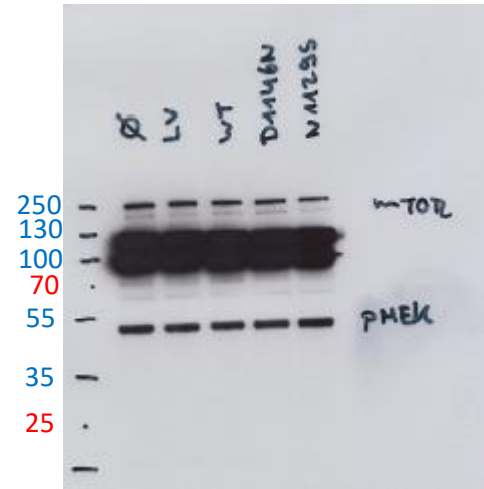
Round 1



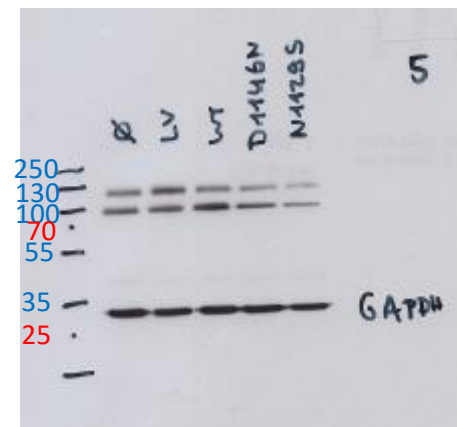
HKE:



Round 2



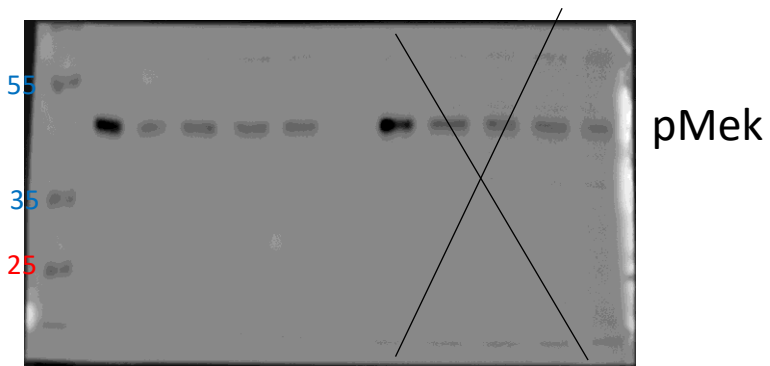
HKE:



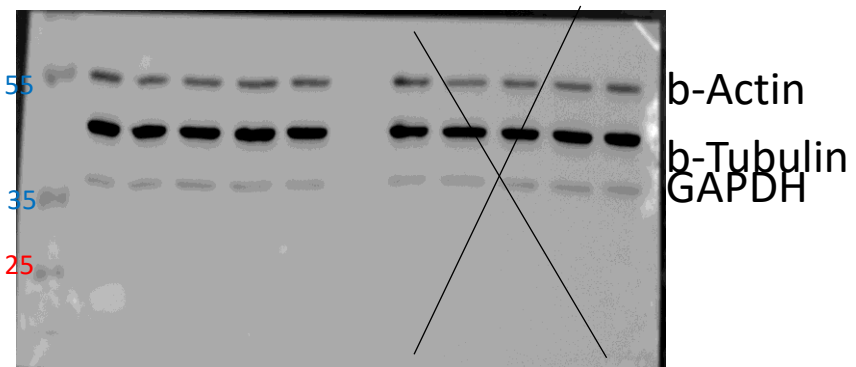
Round 3

# pMEK 1/2 (45kDa) // GAPDH (37kDa)

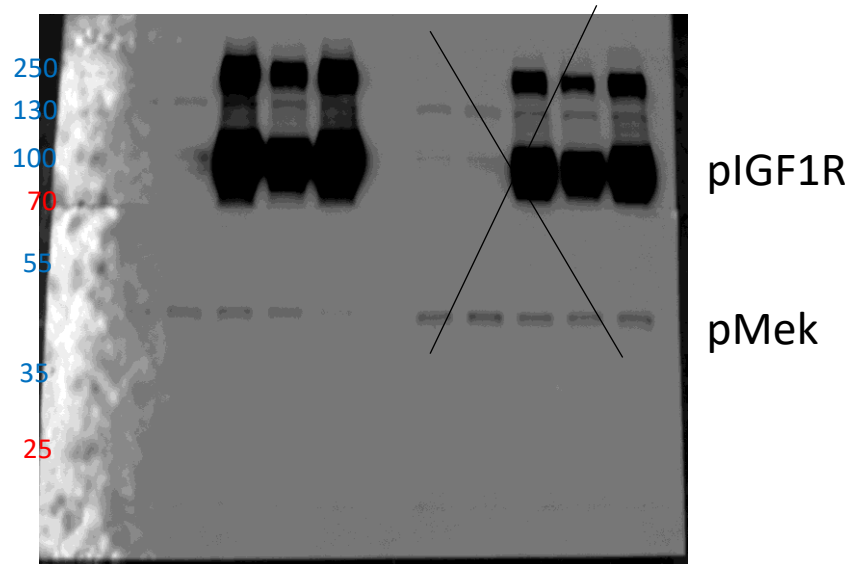
Round 4



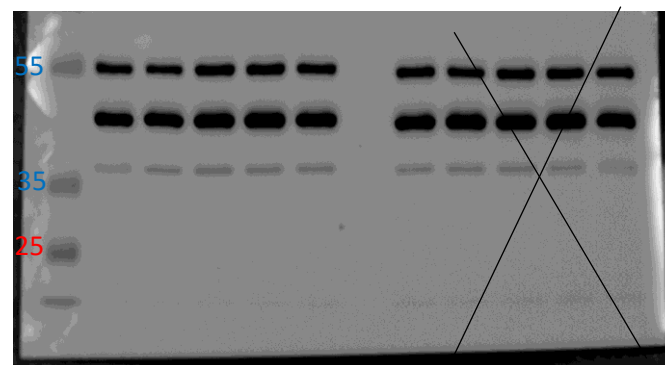
HKE:



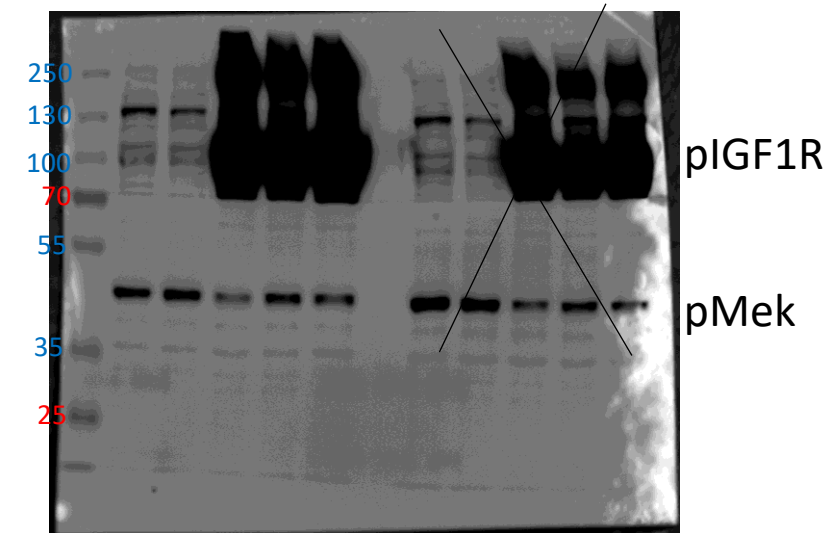
Round 5



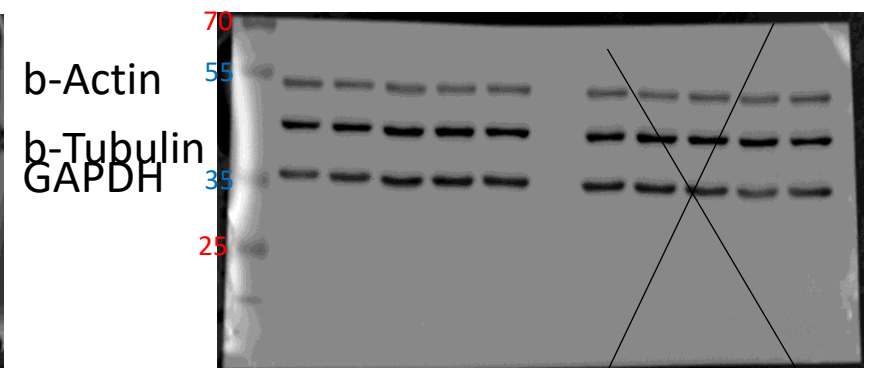
HKE:



Round 6



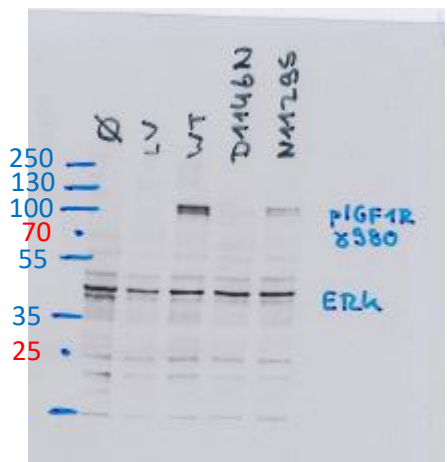
HKE:



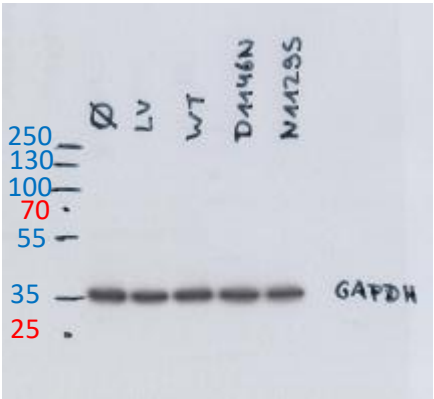
only concerns  
figure 4

# ERK 1/2 (45kDa) // GAPDH (37kDa)

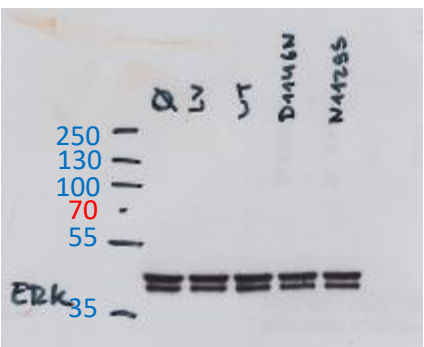
Round 1



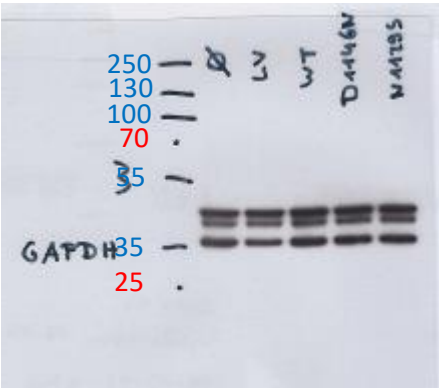
HKE:



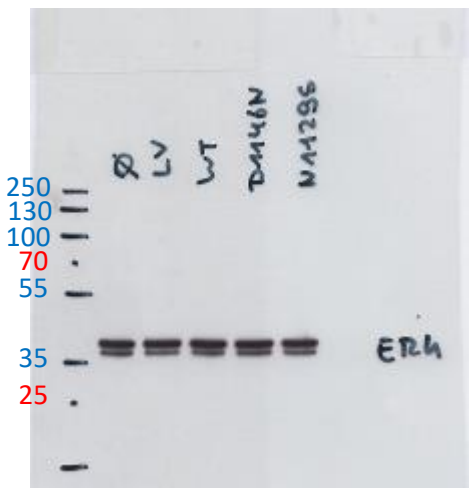
Round 2



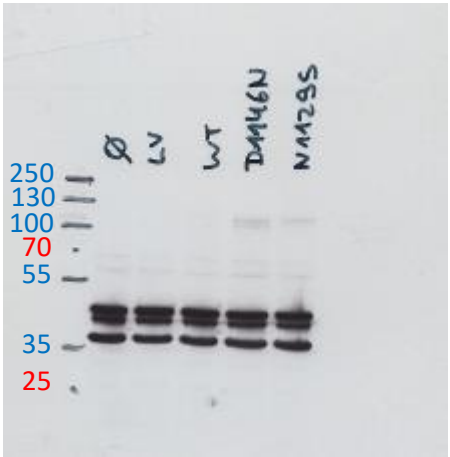
HKE:



Round 3

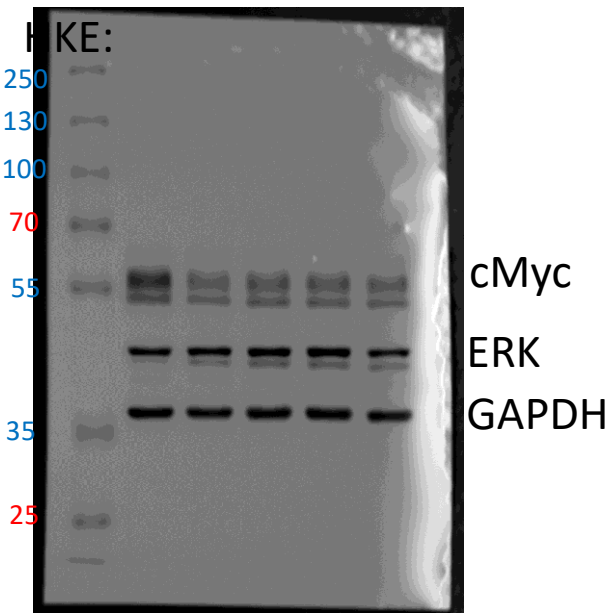
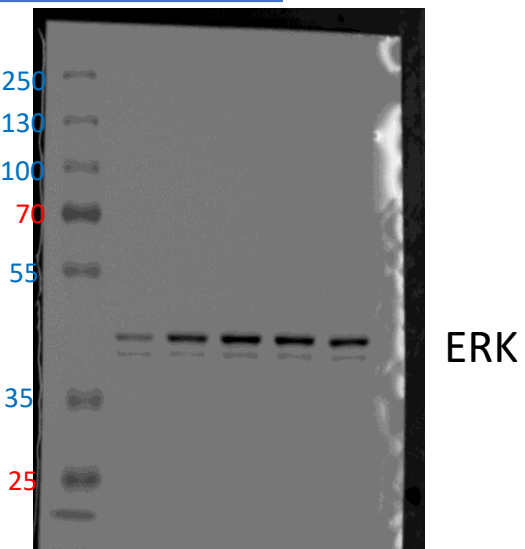


HKE:

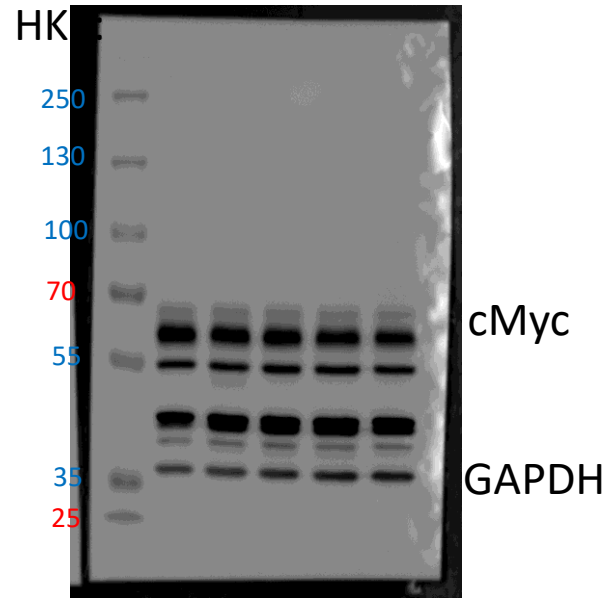
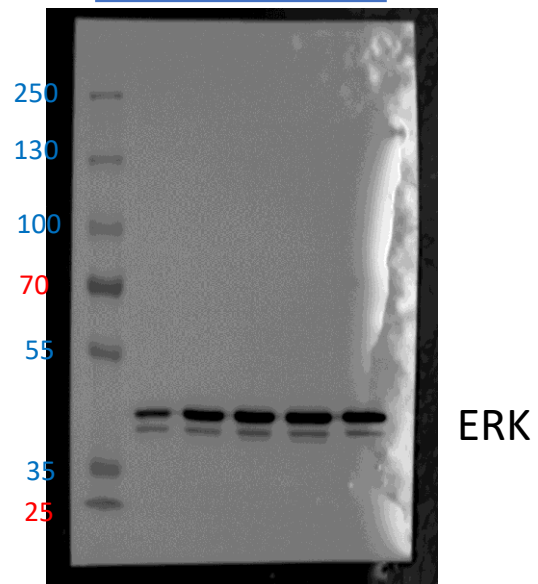


# ERK 1/2 (45kDa) // GAPDH (37kDa)

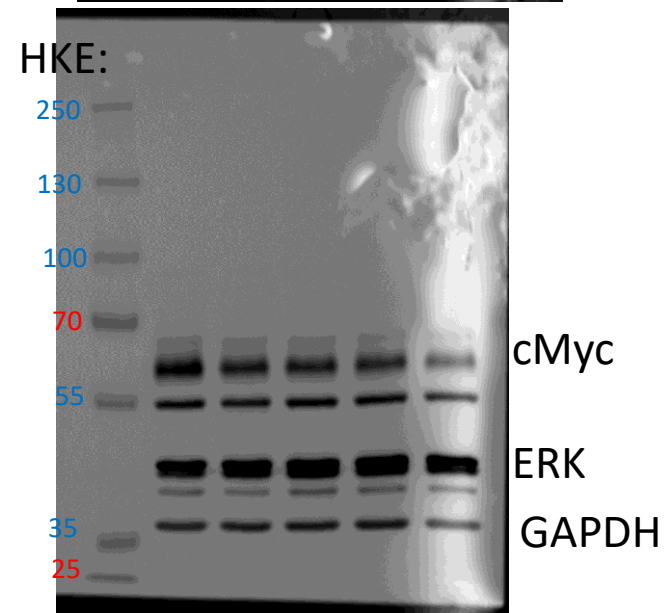
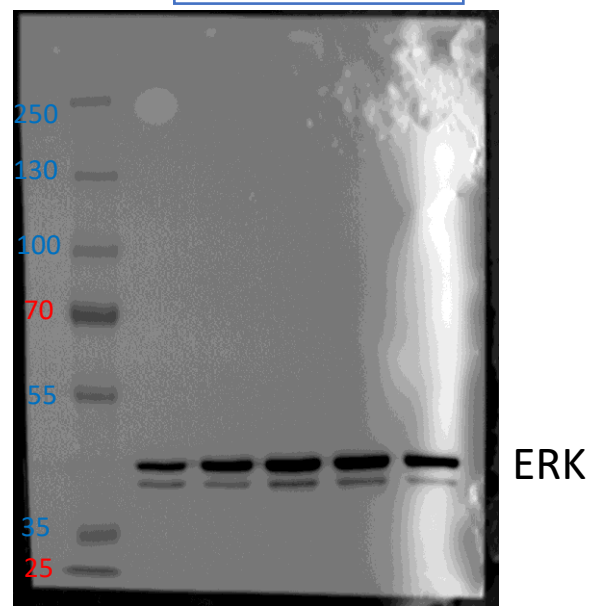
Round 4



Round 5



Round 6

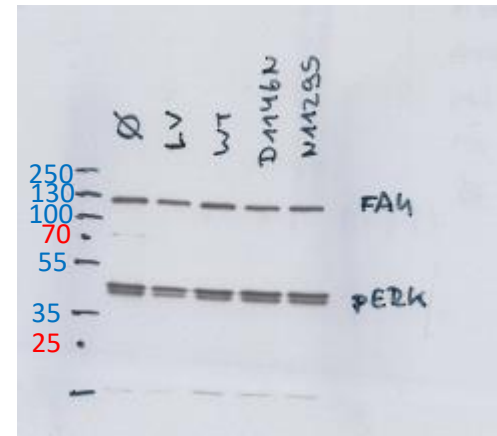


# pERK 1/2 (45kDa) // GAPDH (37kDa)

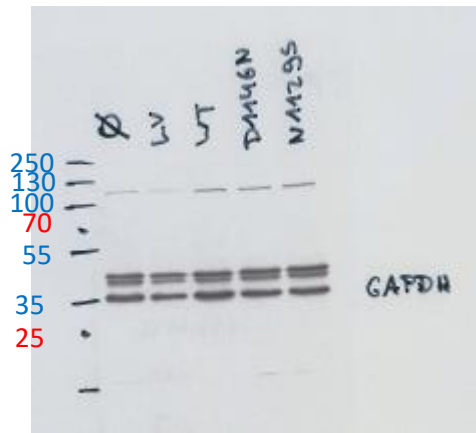
Round 1

Round 2

Round 3

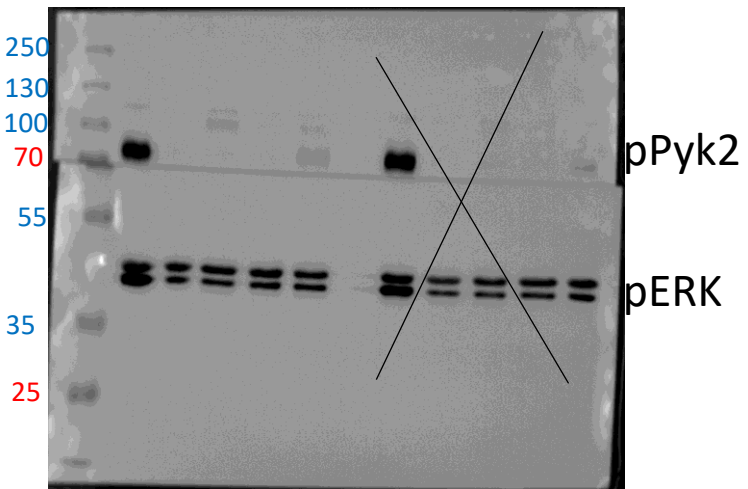


HKE:

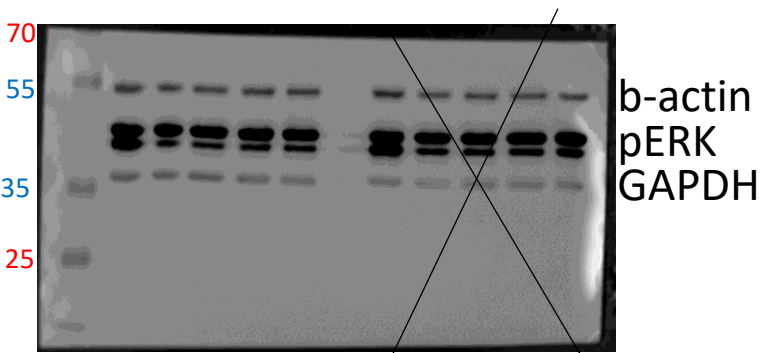


# pERK 1/2 (45kDa) // GAPDH (37kDa)

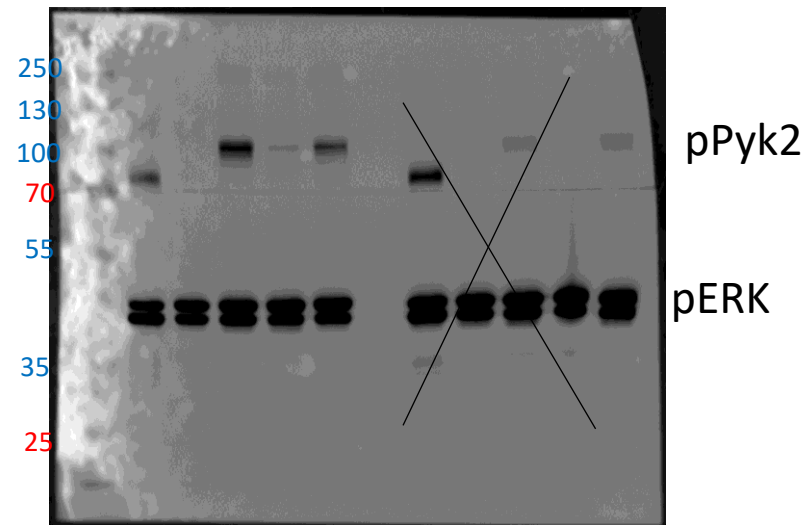
Round 4



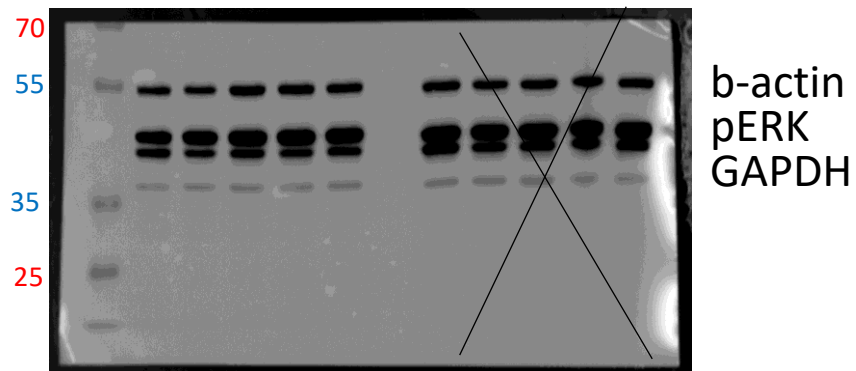
HKE:



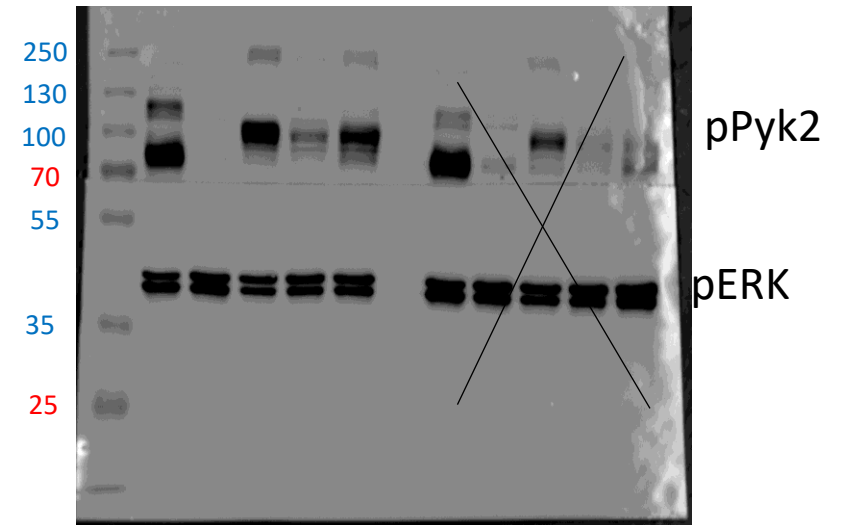
Round 5



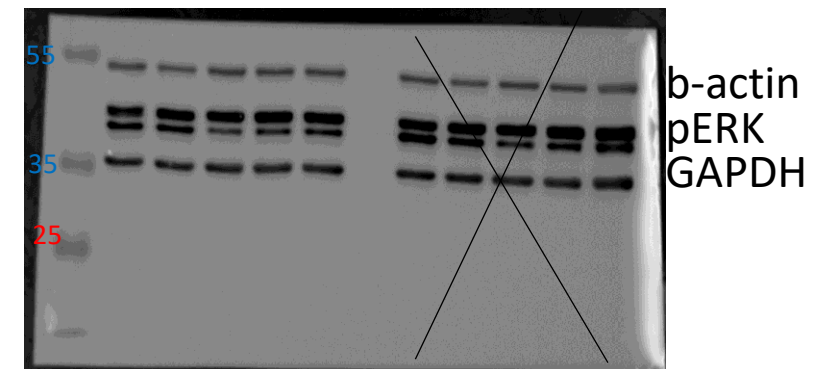
HKE:



Round 6



HKE:

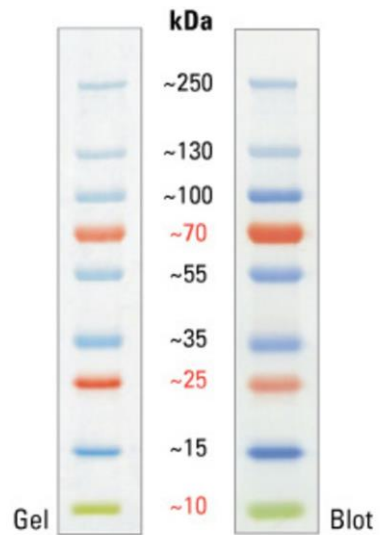


only concerns  
figure 4

Figure 4

# Figure 4 (L-363-B4)

## Ladder



## Markers:

IGF1R  
pIGF1R(Y1135)  
pAKT  
pMEK1/2  
pERK1/2

## House keepers (HKEs):

GAPDH  
b-actin  
b-tubulin

Round depicted  
in WB figure

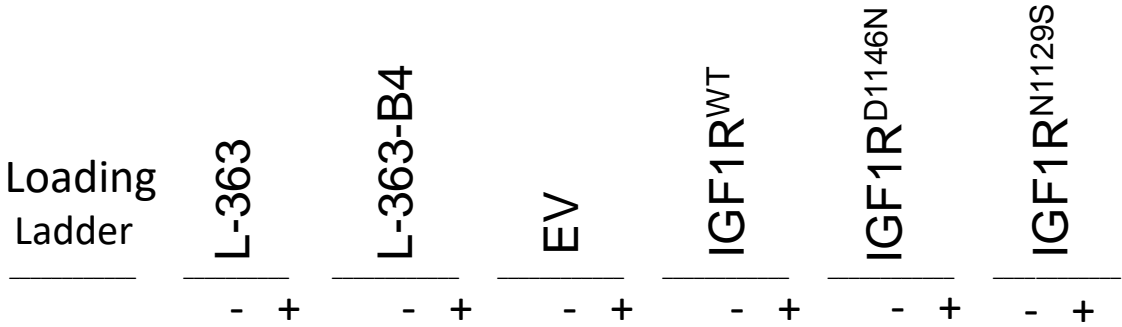
Round not depicted  
in WB figure  
(used for bar graphs )

PageRuler™ Plus  
Prestained Protein  
Ladder, 10 to 250 kDa  
Katalognummer: #26  
619 Thermo Fischer



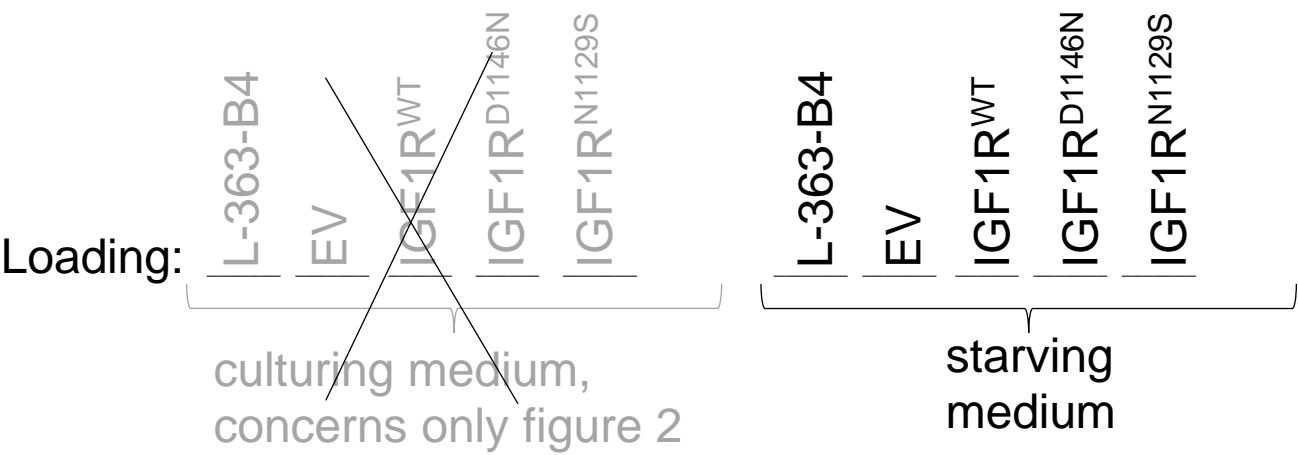
# Figure 4 (L-363-B4)

## Round 1-5:



-: serum starved (unstimulated)    only serum starved (-) bands were included in the analysis.  
+: stimulated with IGF1

## Round 6,7:



# IGF1R (95kDa) // GAPDH (37kDa)

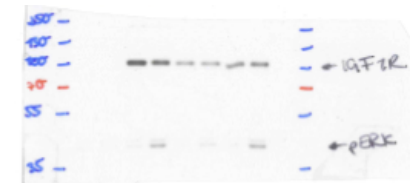
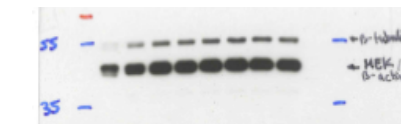
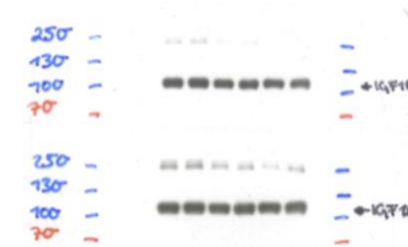
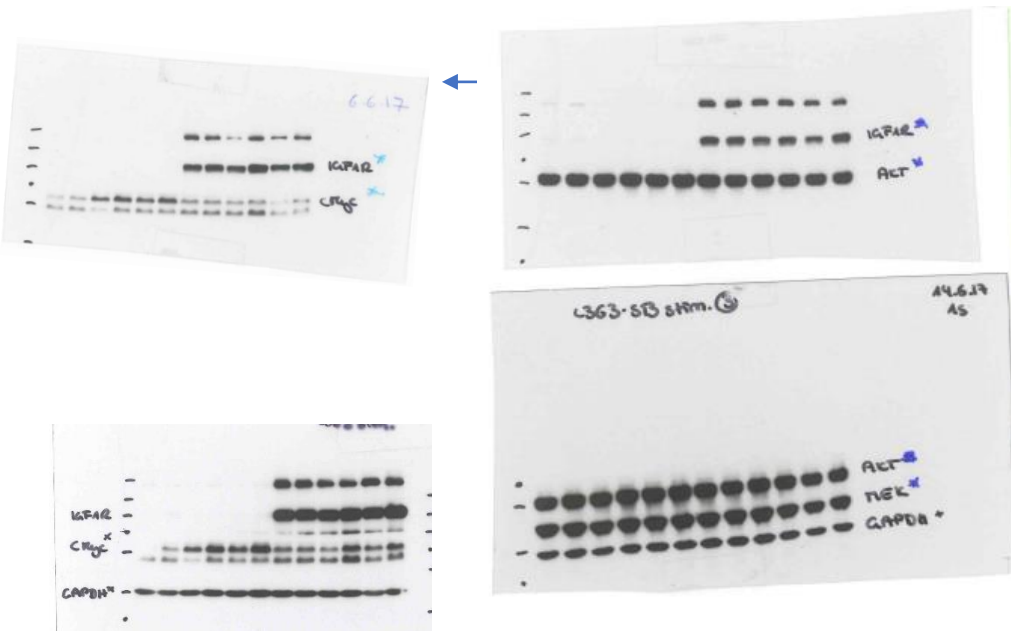
Round 1

Round 2

Round 3

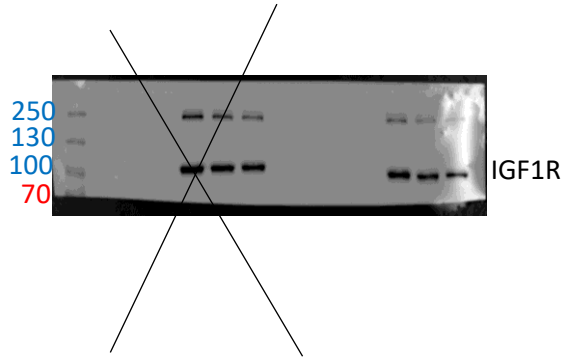
Round 4

Round 5

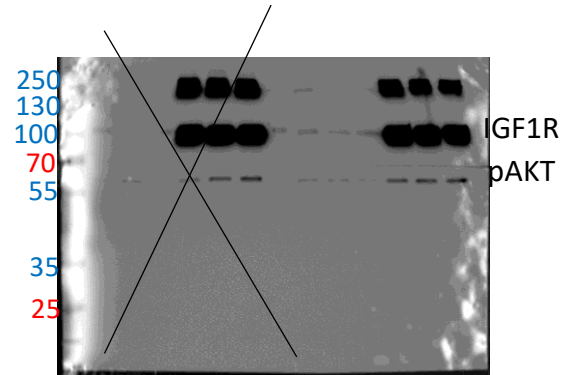


# IGF1R (95kDa) // GAPDH (37kDa)

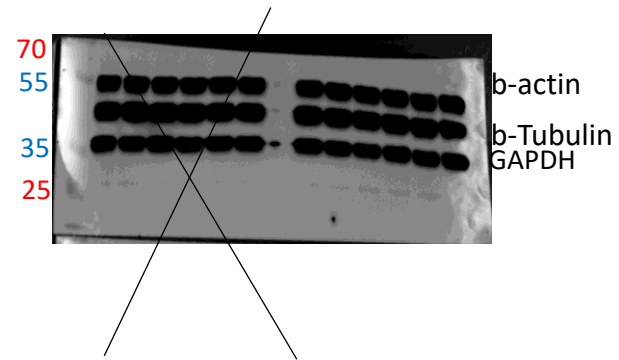
Round 6



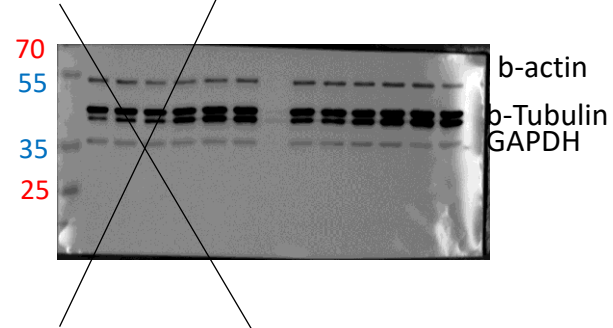
Round 7



HKE:



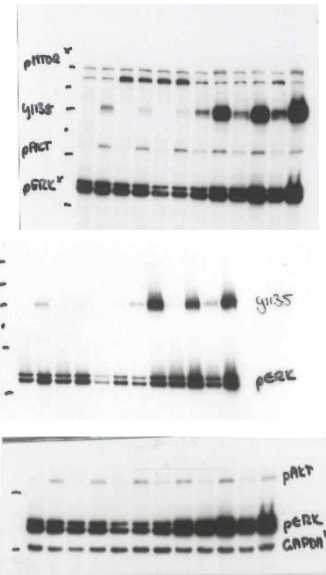
HKE:



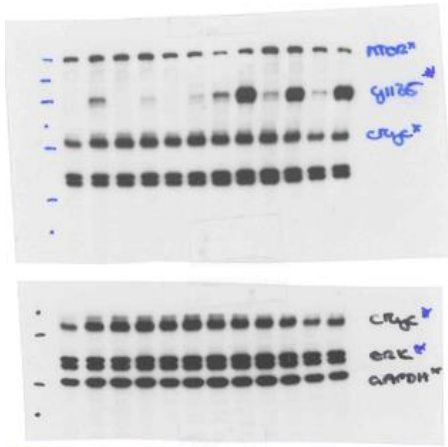
only concerns  
figure 2

# pIGF1R (Y1135) (95kDa) // GAPDH (37kDa)

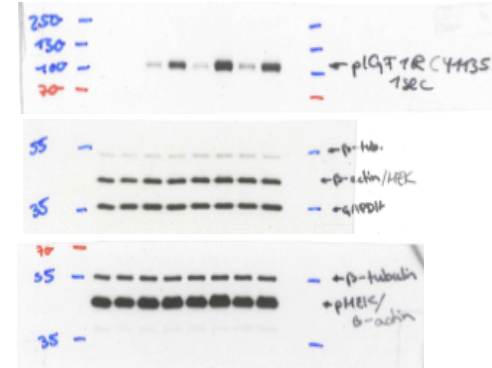
Round 1



Round 2

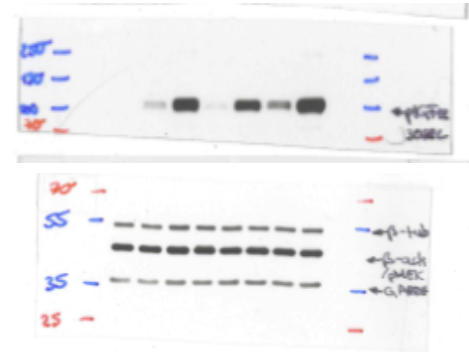


Round 3



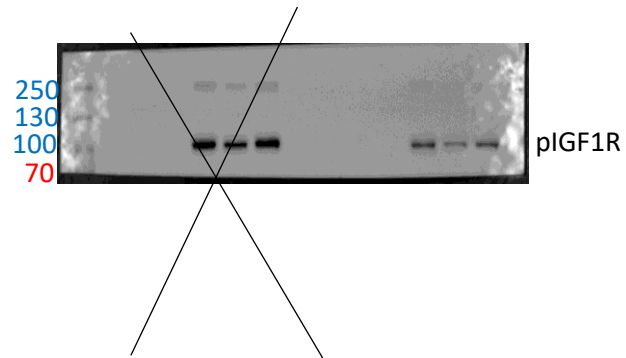
Round 4

Round 5

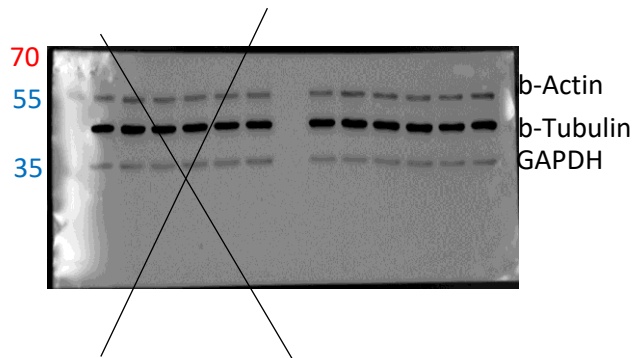


# pIGF1R (Y1135) (95kDa) // GAPDH (37kDa)

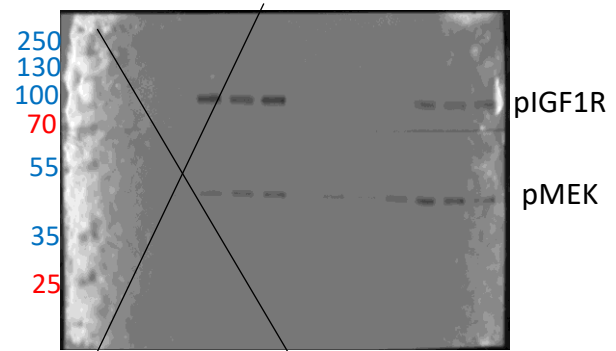
Round 6



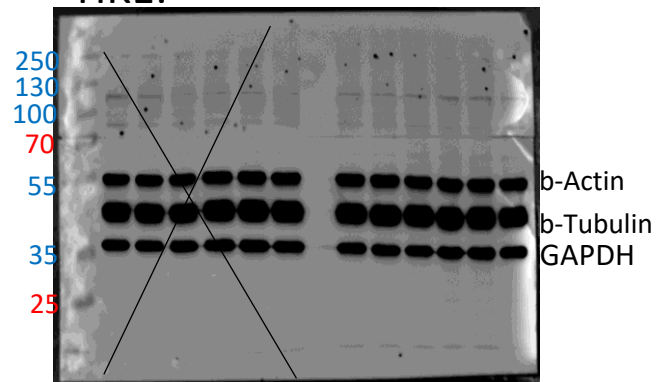
HKE:



Round 7



HKE:



# pAKT (60kDa) // GAPDH (37kDa)

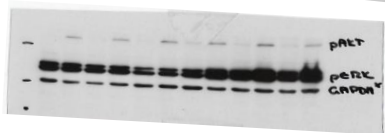
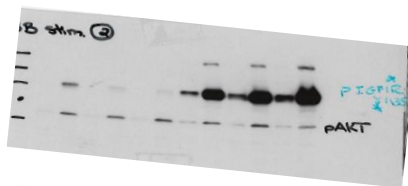
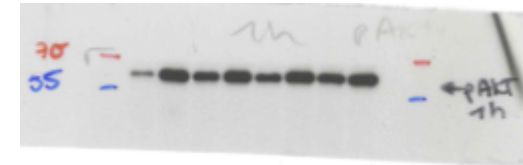
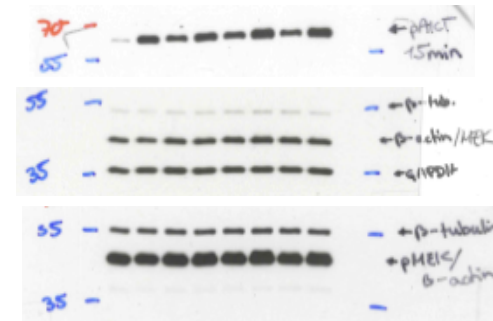
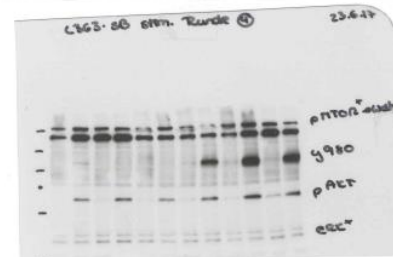
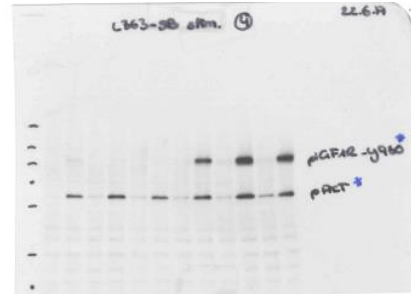
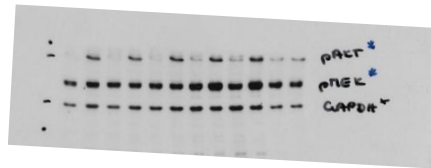
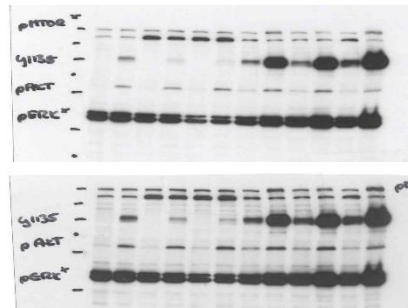
Round 1

Round 2

Round 3

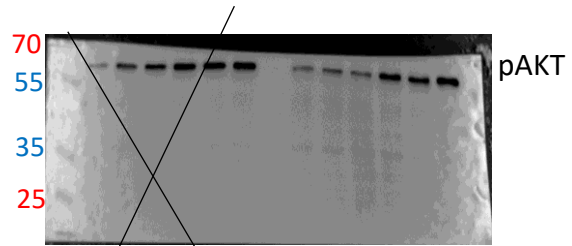
Round 4

Round 5

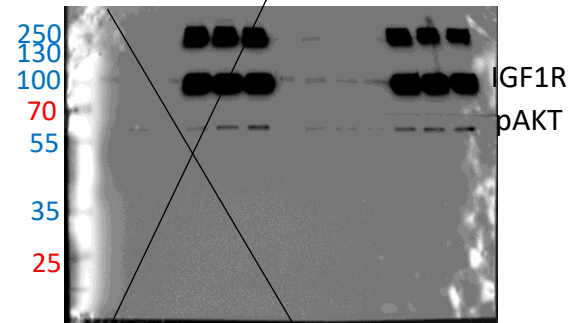


# pAKT (60kDa) // GAPDH (37kDa)

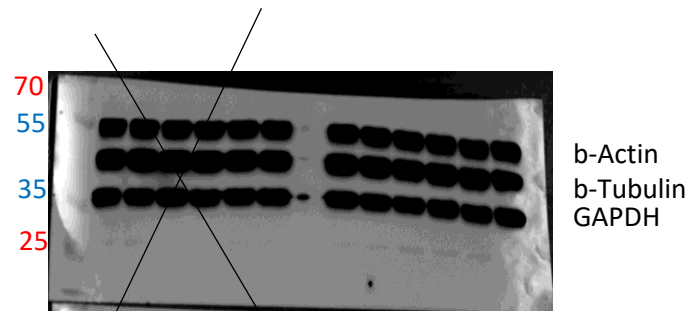
Round 6



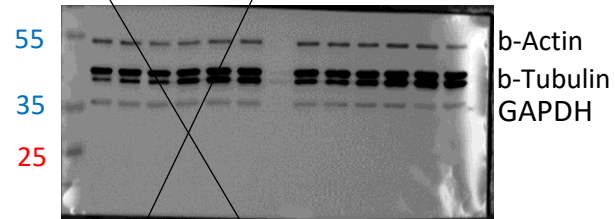
Round 7



HKE:



HKE:



only concerns  
figure 2

# pMEK 1/2 (45kDa) // GAPDH (37kDa)

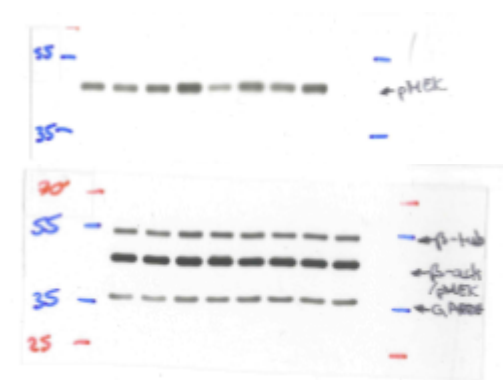
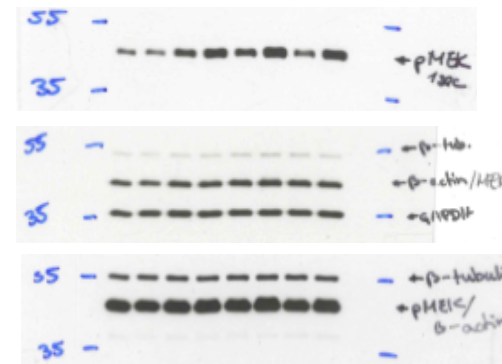
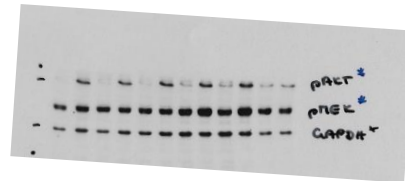
Round 1

Round 2

Round 3

Round 4

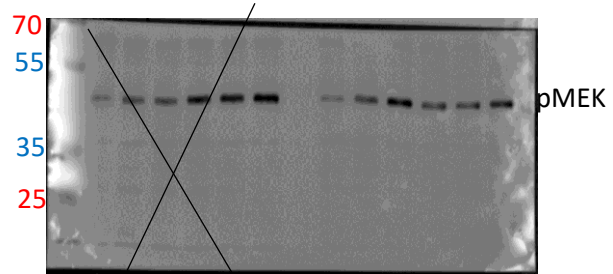
Round 5



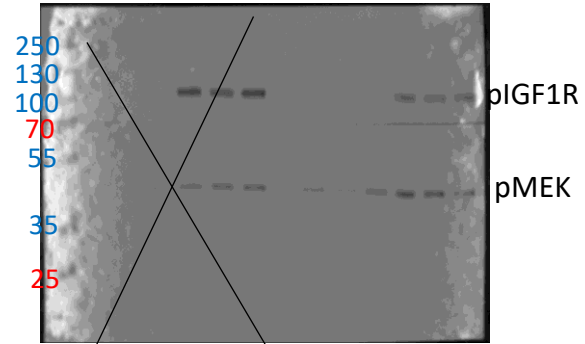


# pMEK 1/2 (45kDa) // GAPDH (37kDa)

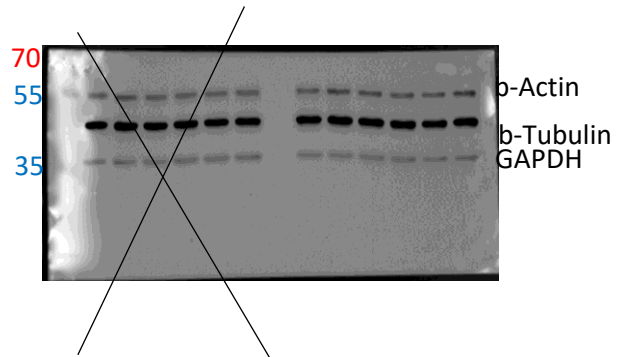
Round 6



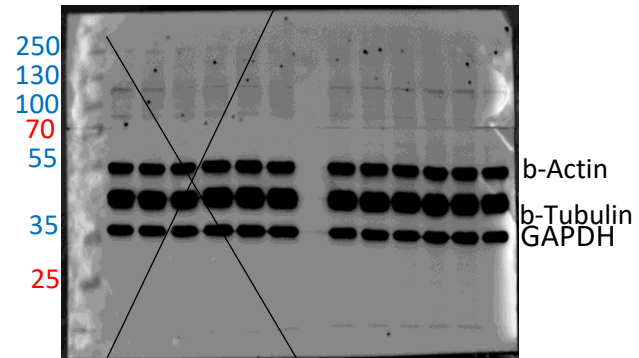
Round 7



HKE:



HKE:



# pERK 1/2 (45kDa) // GAPDH (37kDa)

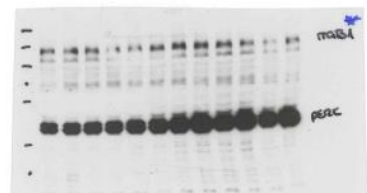
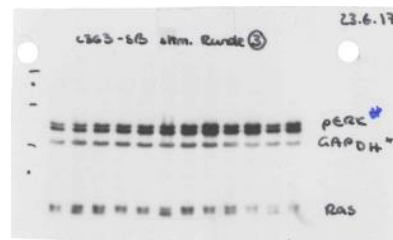
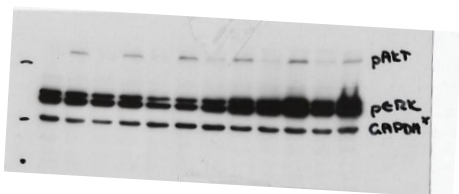
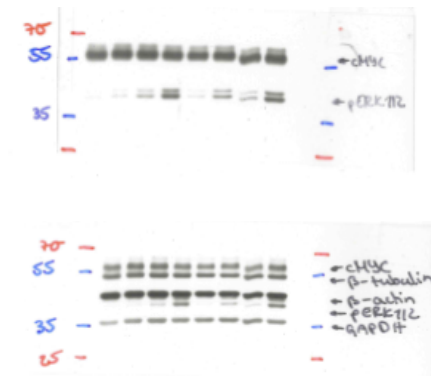
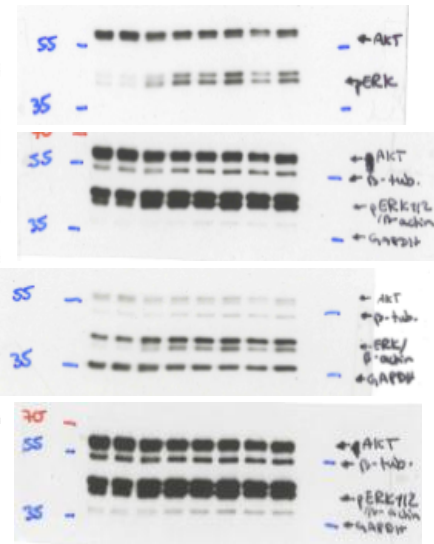
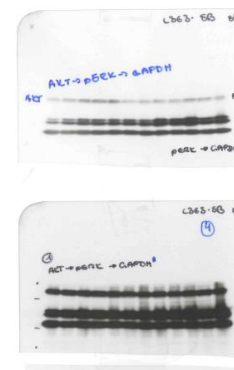
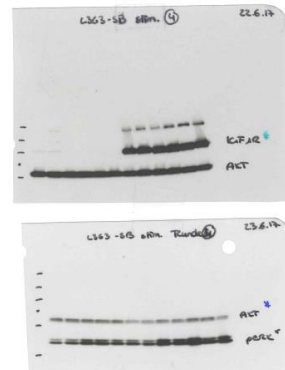
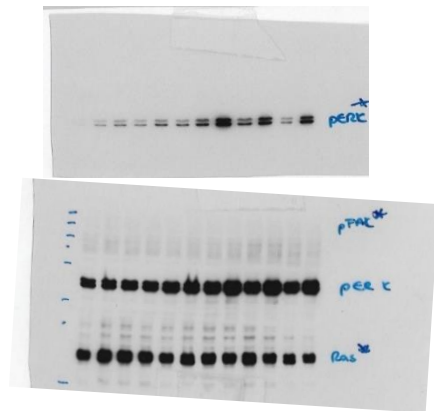
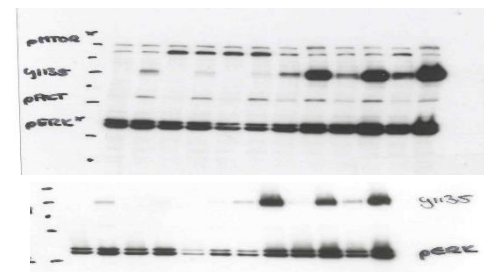
Round 1

Round 2

Round 3

Round 4

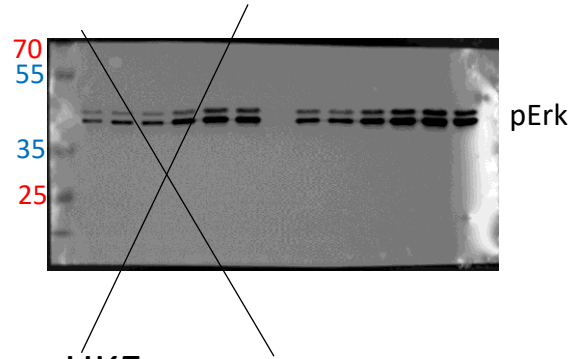
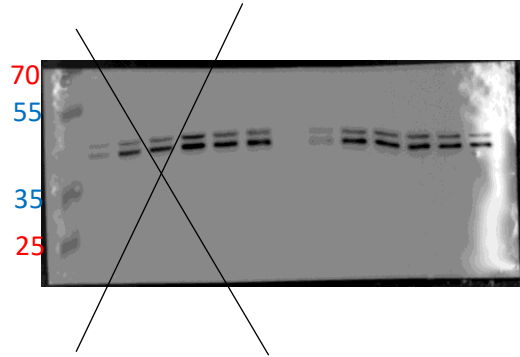
Round 5



# pERK 1/2 (45kDa) // GAPDH (37kDa)

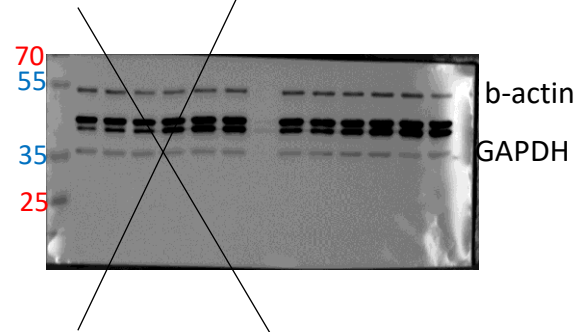
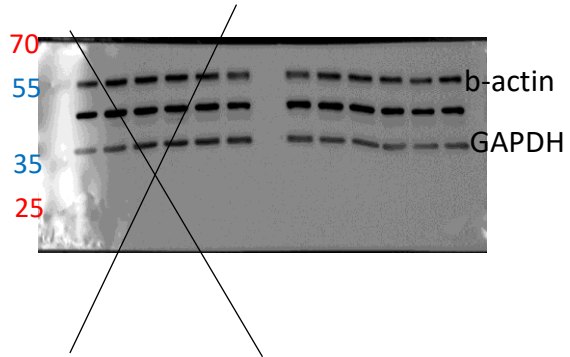
Round 6

Round 7



HKE:

HKE:



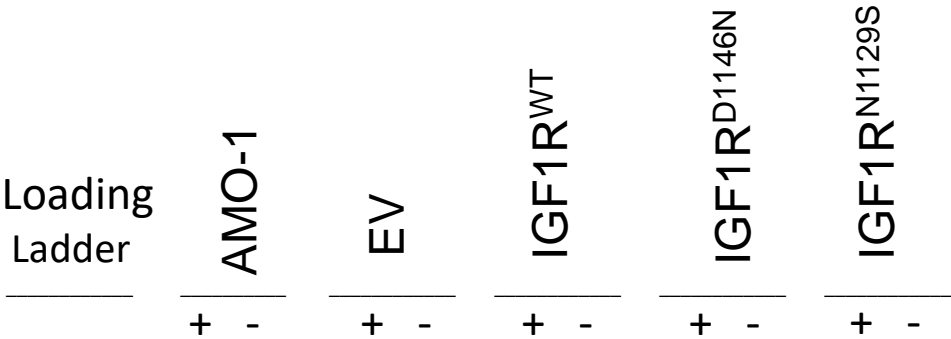
only concerns  
figure 2

# Figure 4 (AMO-1)

## Round 1,2,4-8:

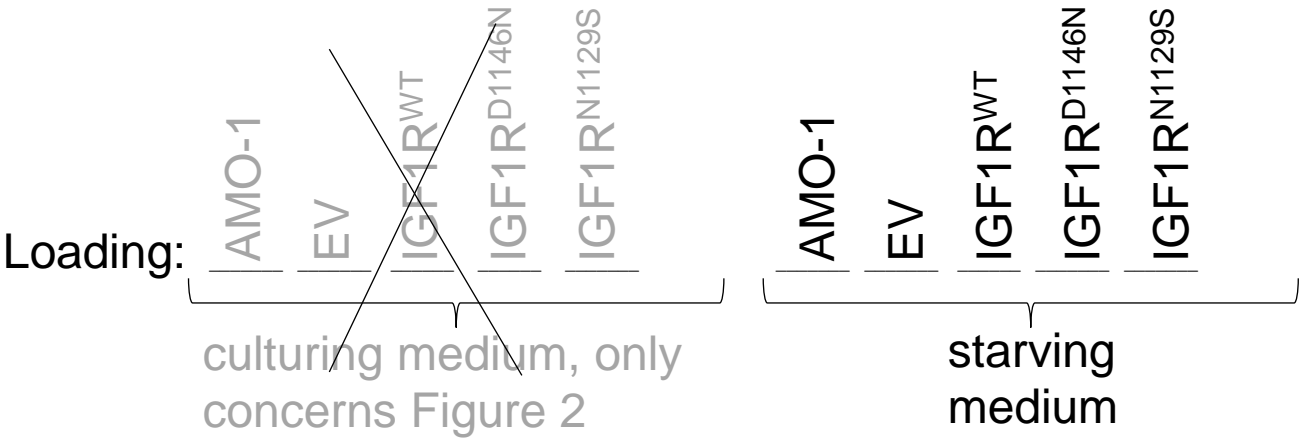


## Round 3:



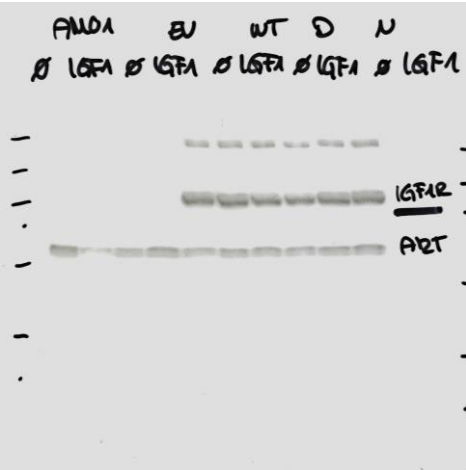
-: serum starved (unstimulated), only these bands were used in the analysis  
+: stimulated with IGF1

## Round 9,10:



# IGF1R (95kDa) // GAPDH (37kDa)

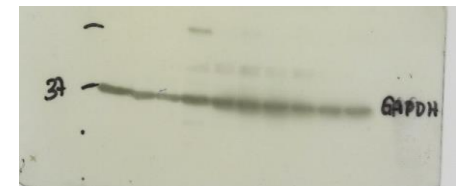
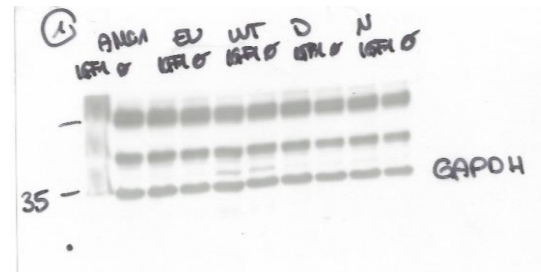
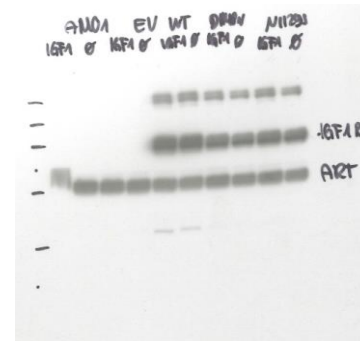
Round 1



Round 2

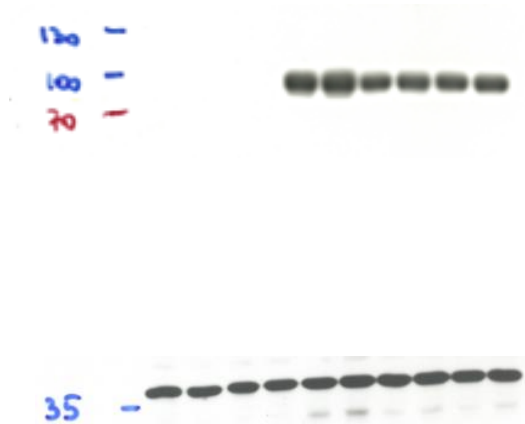
Round 3

Round 4

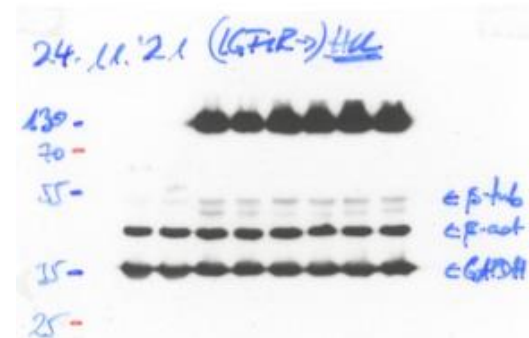
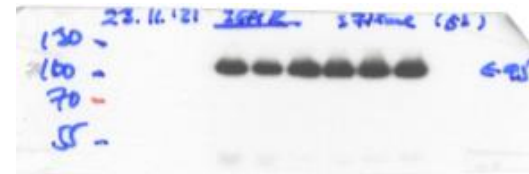


# IGF1R (95kDa) // GAPDH (37kDa)

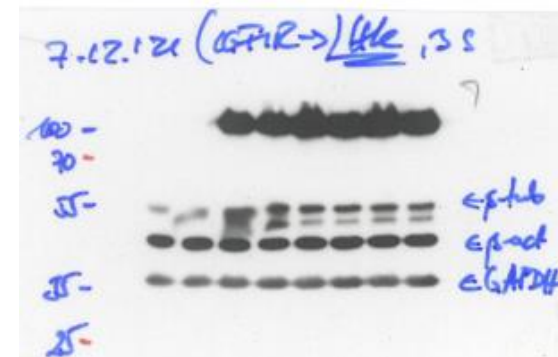
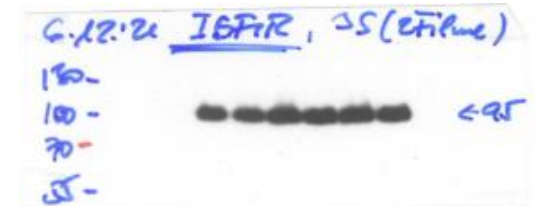
Round 5



Round 6



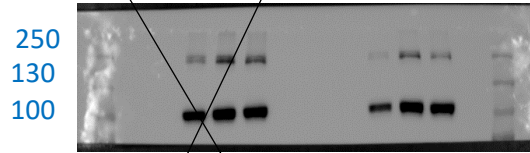
Round 7



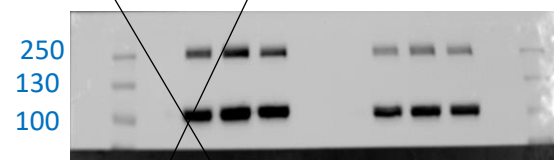
Round 8

# IGF1R (95kDa) // GAPDH (37kDa)

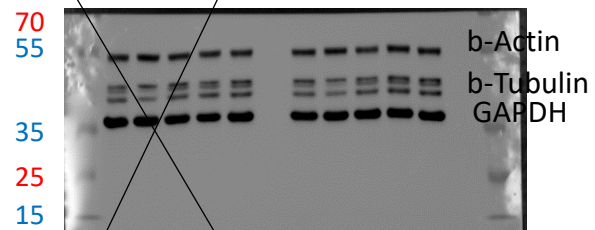
Round 9



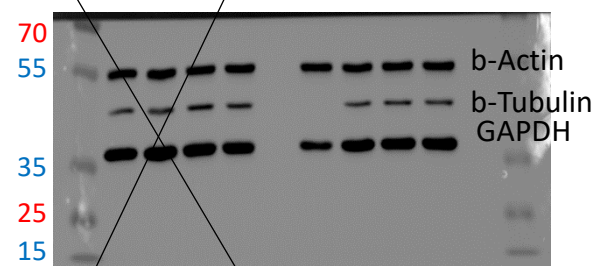
Round 10



HKE



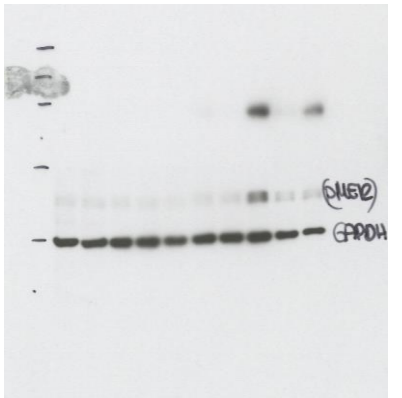
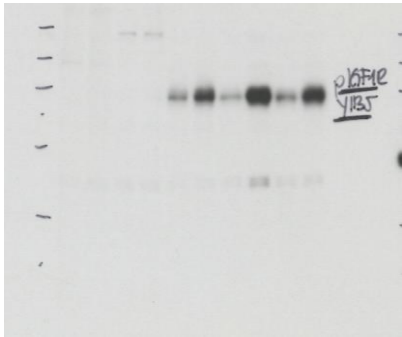
HKE



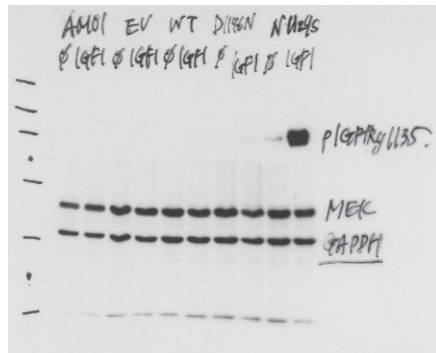
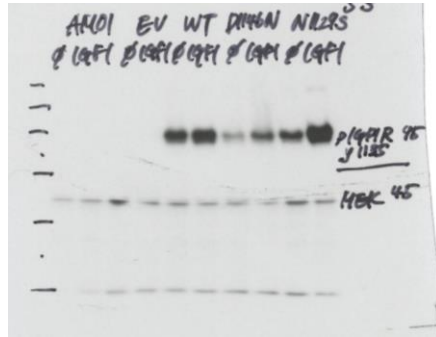
only concerns  
figure 2

# pIGF1R (Y1135) (95kDa) // GAPDH (37kDa)

Round 1

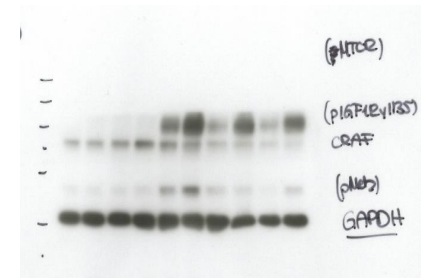
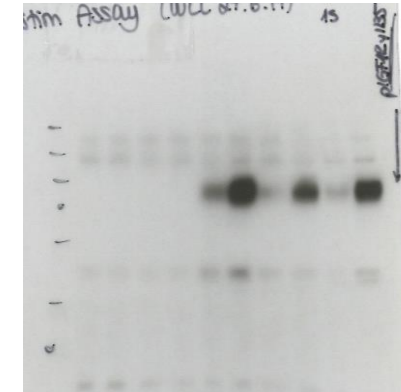


Round 2



Round 3

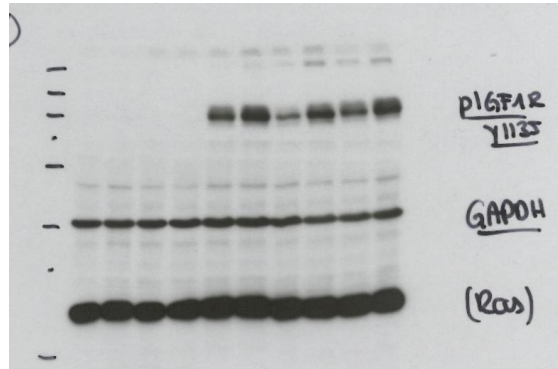
Round 4





# pIGF1R (Y1135) (95kDa) // GAPDH (37kDa)

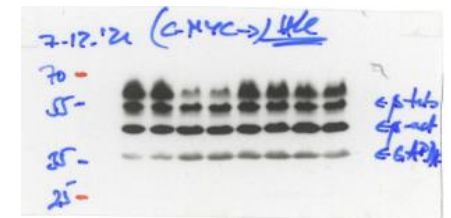
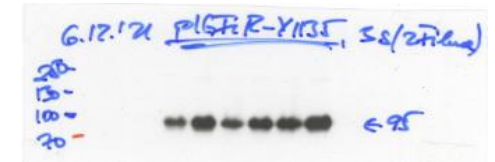
Round 5



Round 6

Round 7

Round 8



# pIGF1R (Y1135) (95kDa) // GAPDH (37kDa)

Round 9

Round 10

250  
130  
100

250  
130  
100

HKE

HKE

70  
55  
35  
25  
15

70  
55  
35  
25  
15

b-Actin  
b-Tubulin  
GAPDH

b-Actin  
b-Tubulin  
GAPDH

only concerns  
figure 2

# pAKT (60kDa) // GAPDH (37kDa)

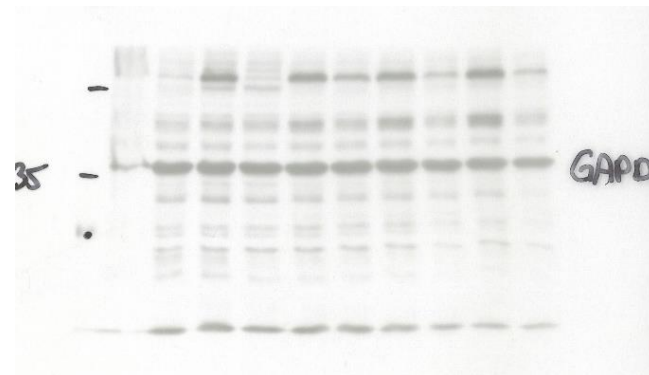
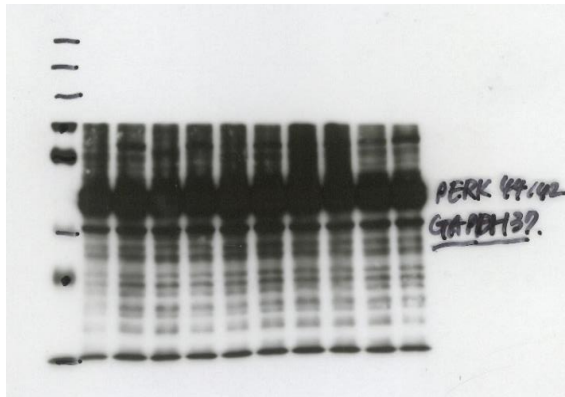
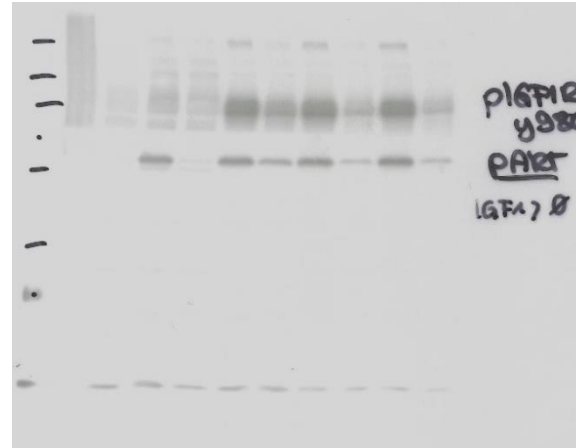
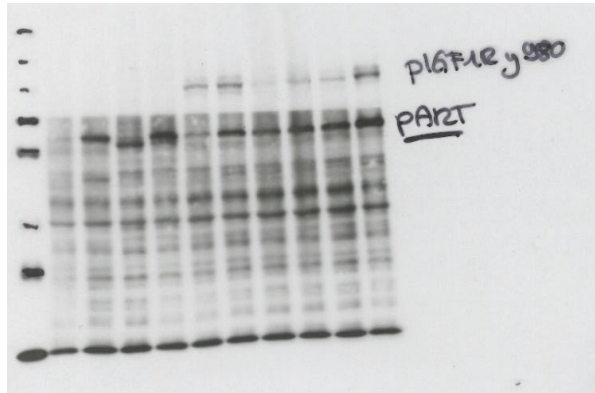
Round 1

Round 2

Round 3

Round 4

Round 5



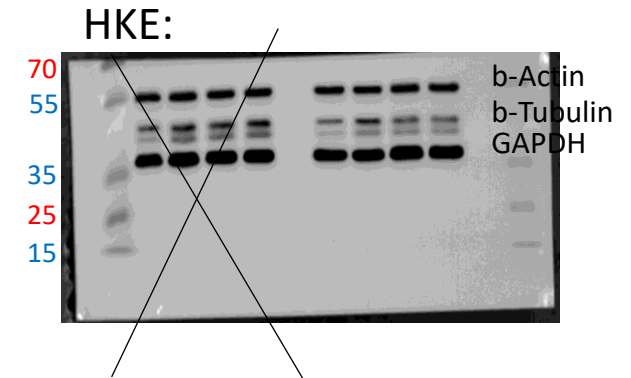
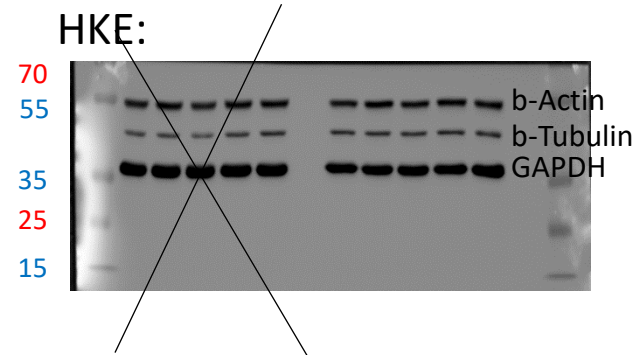
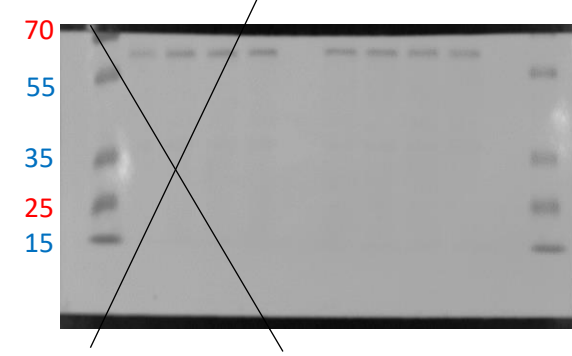
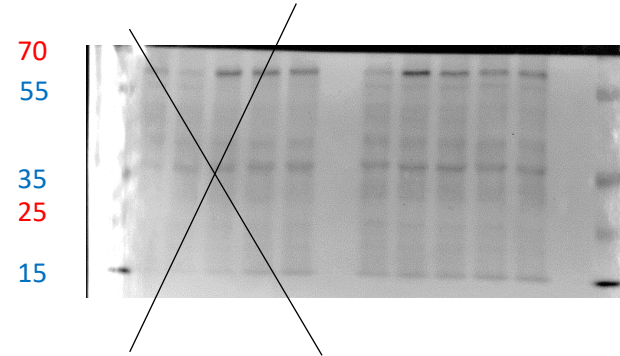
# pAKT (60kDa) // GAPDH (37kDa)

Round 6

Round 7

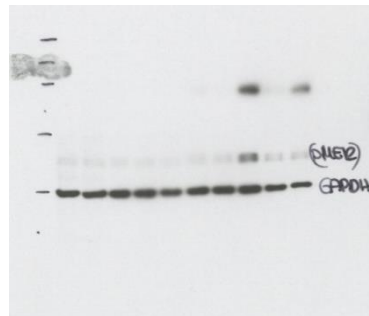
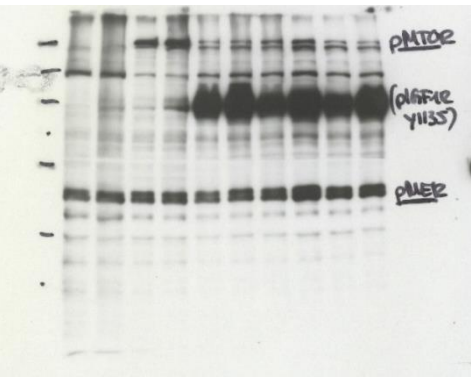
Round 8

Round 9

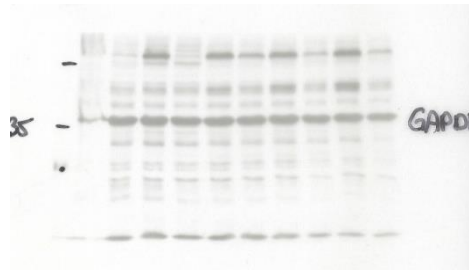
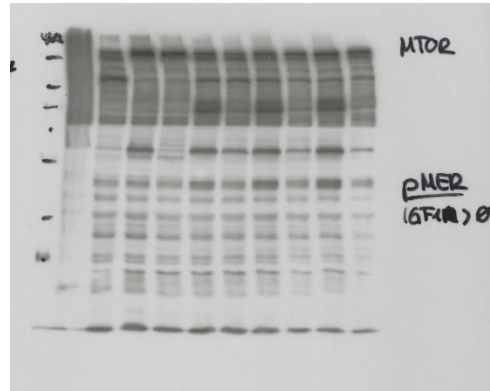


# pMEK 1/2 (45kDa) // GAPDH (37kDa)

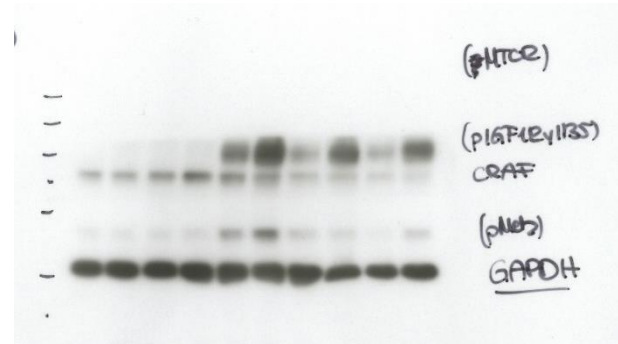
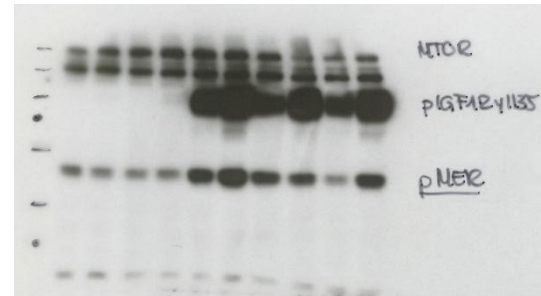
Round 1



Round 2



Round 3



Round 4

Round 5

# pMEK 1/2 (45kDa) // GAPDH (37kDa)

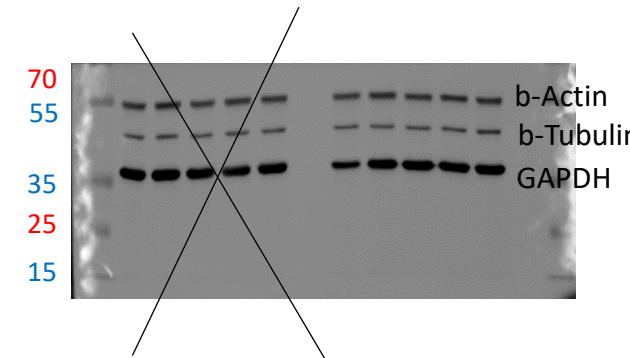
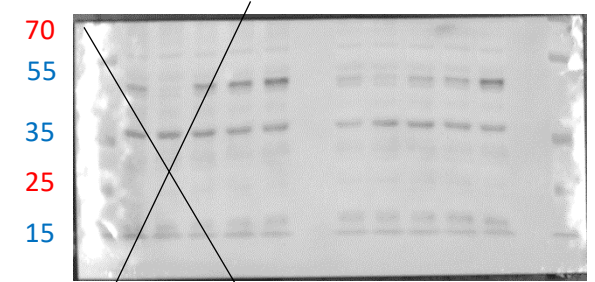
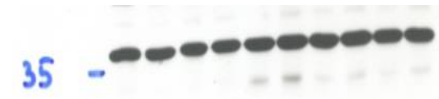
Round 6


Round 7

Round 8

Round 9

Round 10



 only concerns  
figure 2

# pERK 1/2 (45kDa) // GAPDH (37kDa)

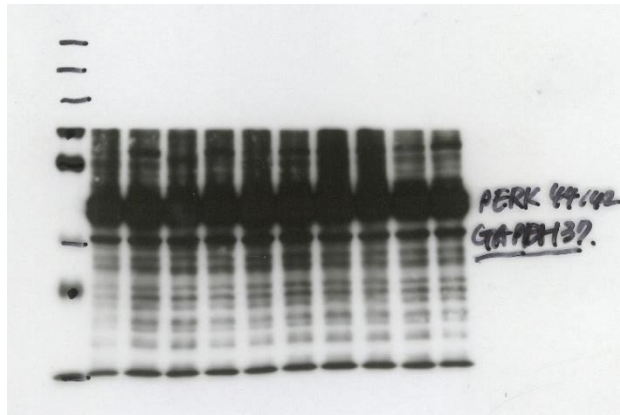
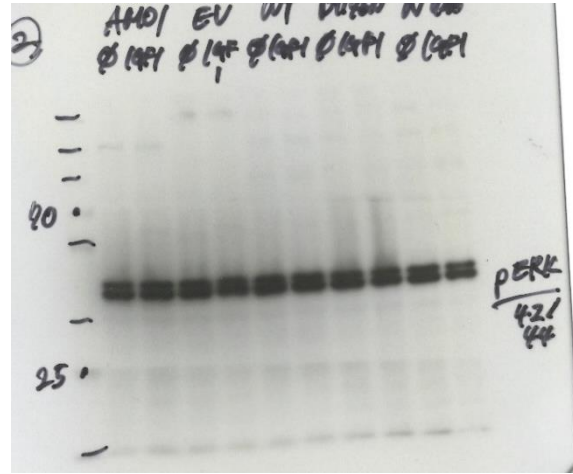
Round 1

Round 2

Round 3

Round 4

Round 5





# pERK 1/2 (45kDa) // GAPDH (37kDa)

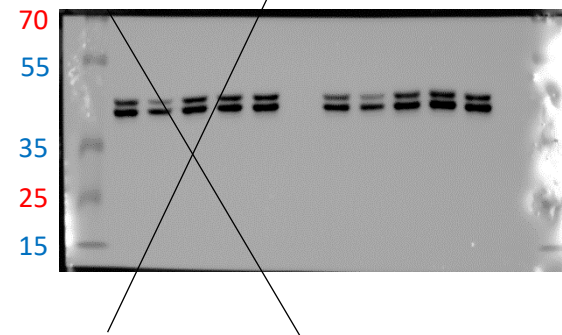
Round 6

Round 7

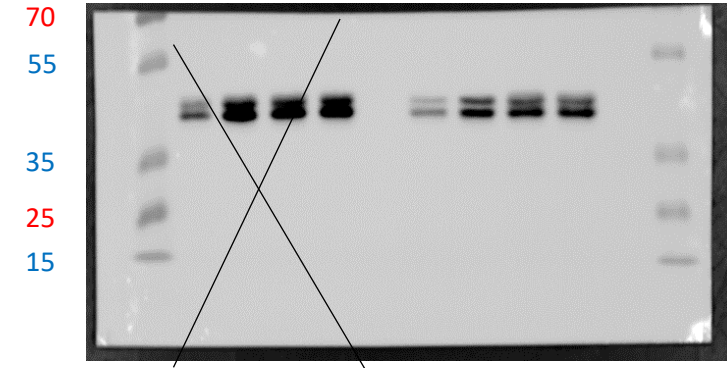
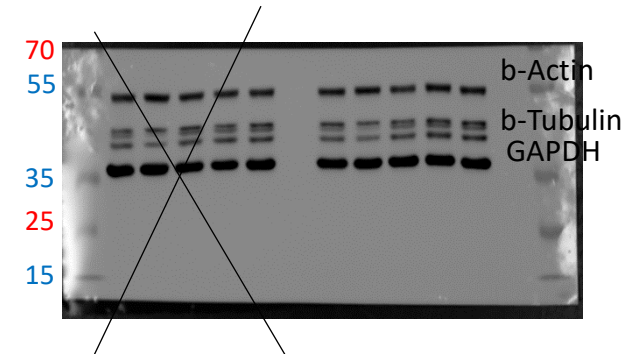
Round 8

Round 9

Round 10



HKE:

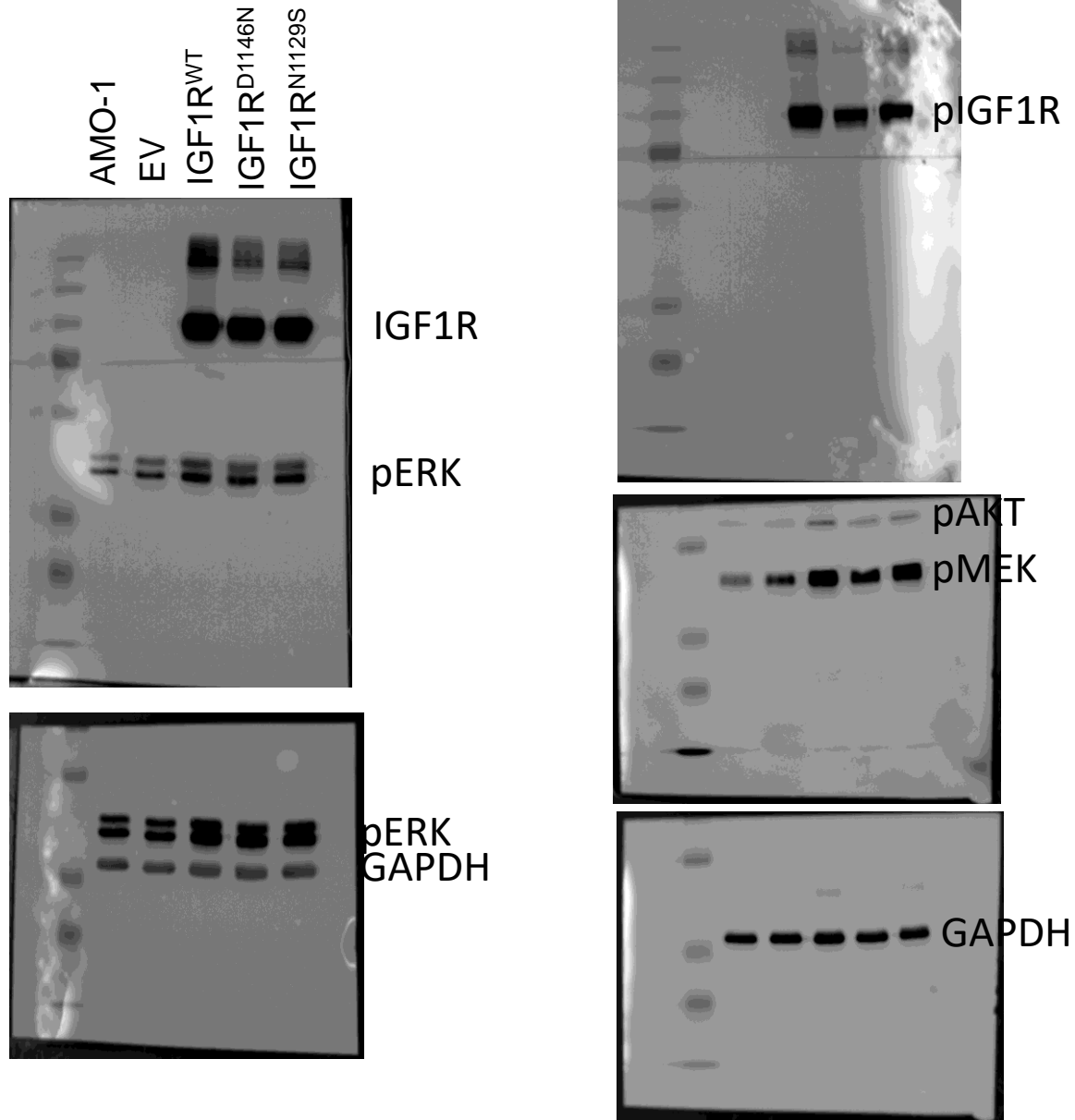


HKE:





Figure 4 (AMO-1) uncropped blots of representative blot: Protein from round 2 loaded in correct order



# Figure 4 (U-266)

## Round 1-4:



-: serum starved (unstimulated), only these bands used for analysis  
+: stimulated with IGF1

## Round 5,6:

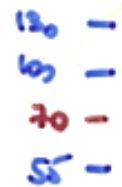


# IGF1R (95kDa) // GAPDH (37kDa)

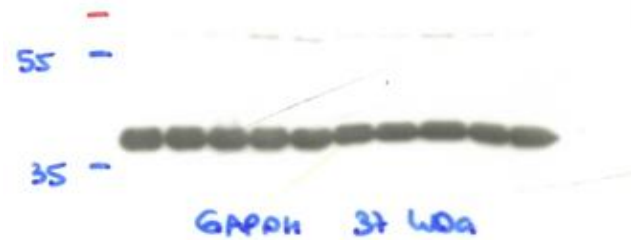
Round 1

Round 2

Round 3



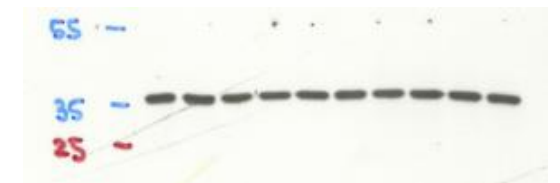
HKE



HKE

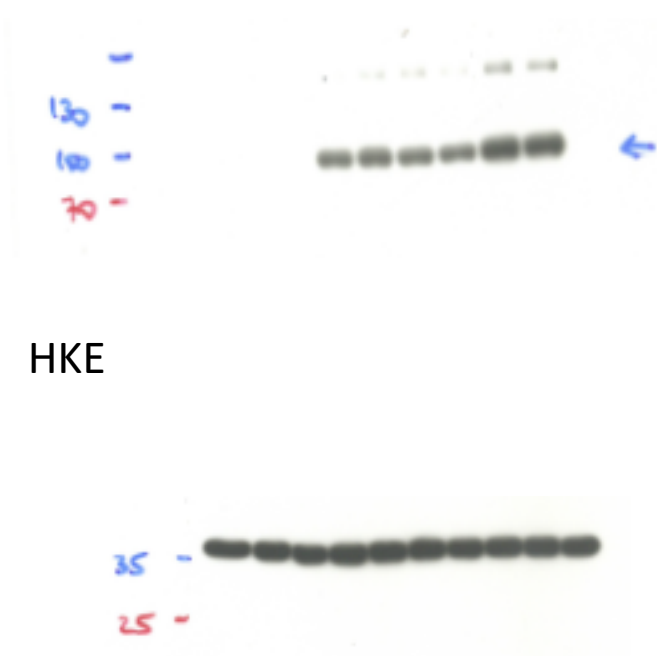


HKE

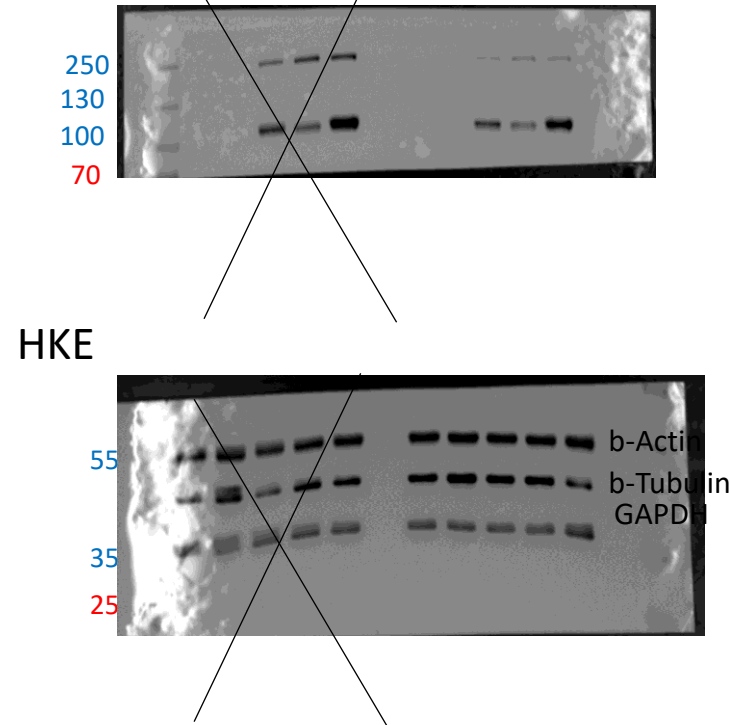


# IGF1R (95kDa) // GAPDH (37kDa)

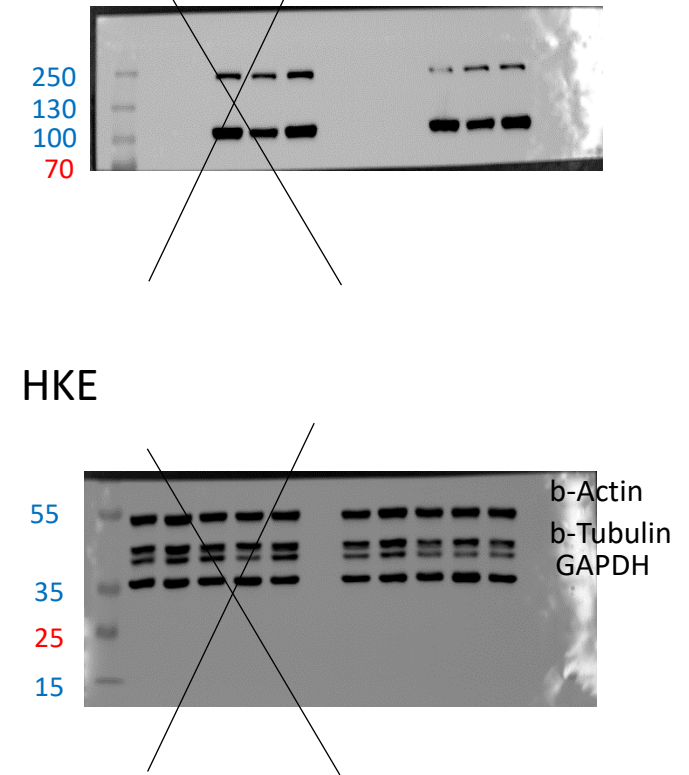
Round 4



Round 5



Round 6



only concerns  
figure 2

# pIGF1R (Y1135) (95kDa) // GAPDH (37kDa)

Round 1



HKE



Round 2



HKE



Round 3

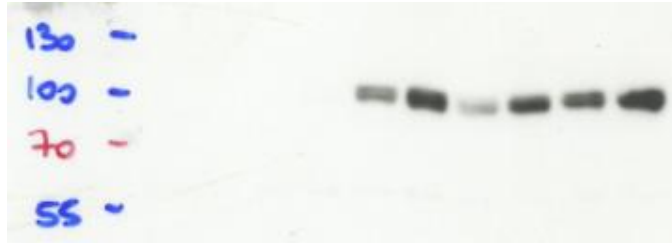


HKE



# pIGF1R (Y1135) (95kDa) // GAPDH (37kDa)

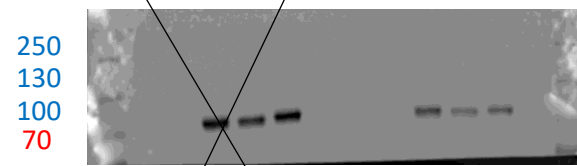
Round 4



HKE

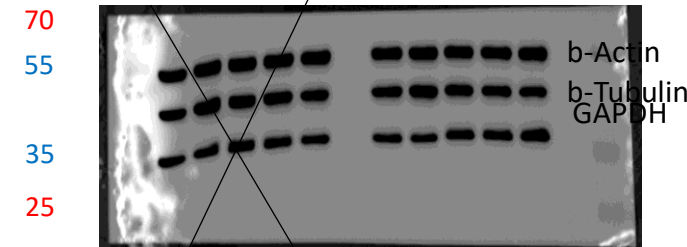


Round 5

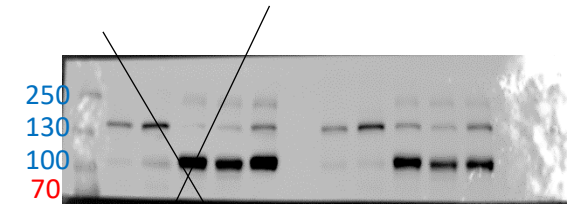


HKE

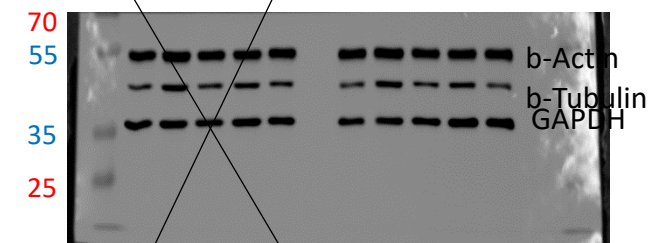
HKE:



Round 6



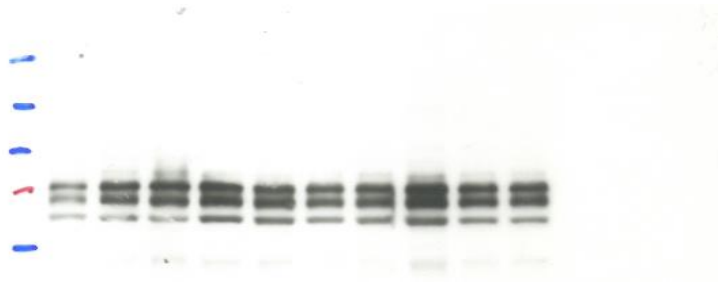
HKE



only concerns  
figure 2

# pAKT (60kDa) // GAPDH (37kDa)

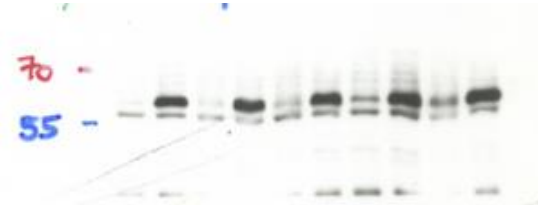
Round 1



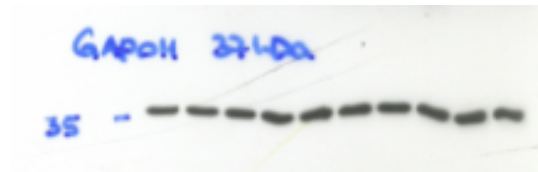
HKE



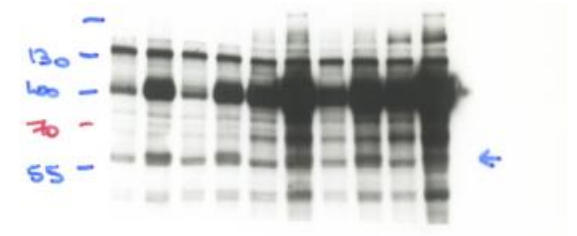
Round 2



HKE



Round 3



HKE

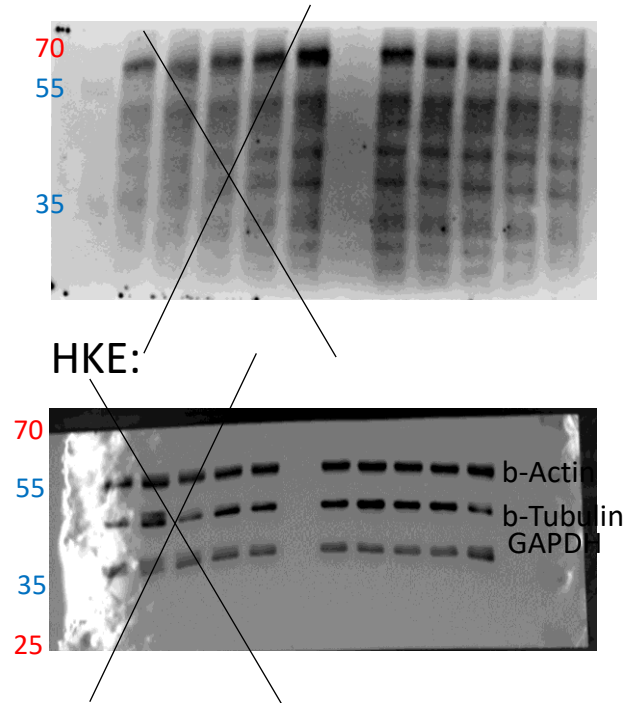


# pAKT (60kDa) // GAPDH (37kDa)

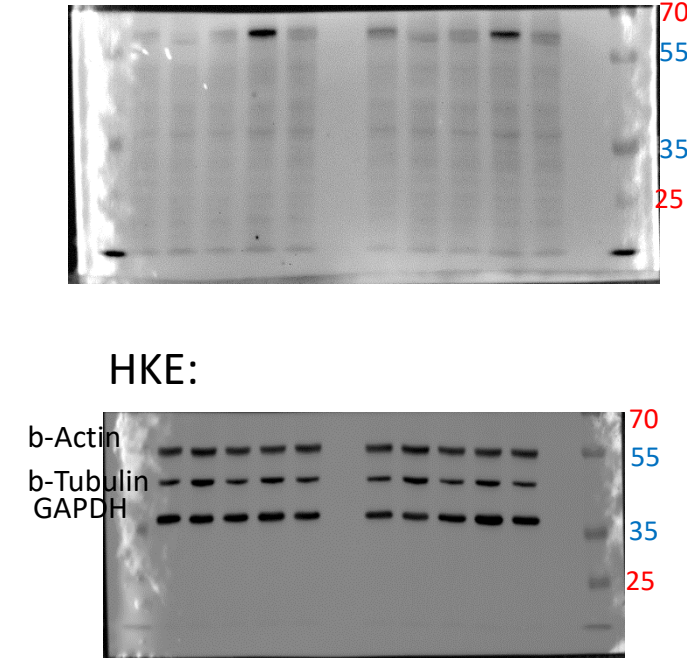
Round4



Round 5



Round 6



only concerns  
figure 2



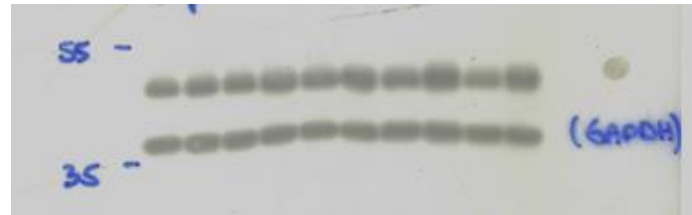
# pMEK 1/2 (45kDa) // GAPDH (37kDa)

Round 1



HKE

Round 2

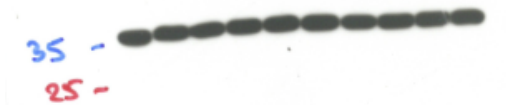


HKE

Round 3



HKE



# pMEK 1/2 (45kDa) // GAPDH (37kDa)

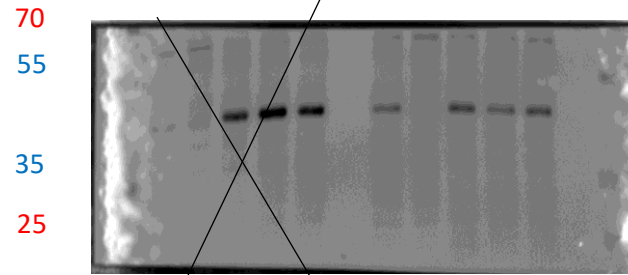
Round 4



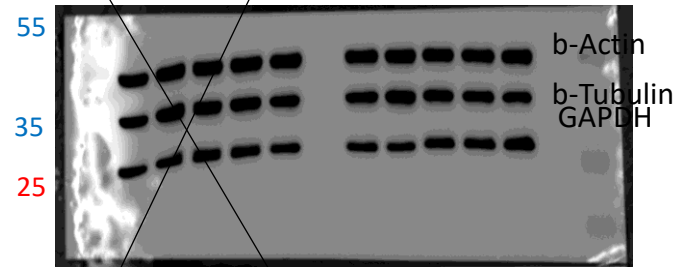
HKE



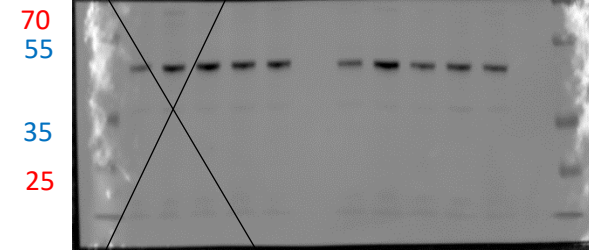
Round 5



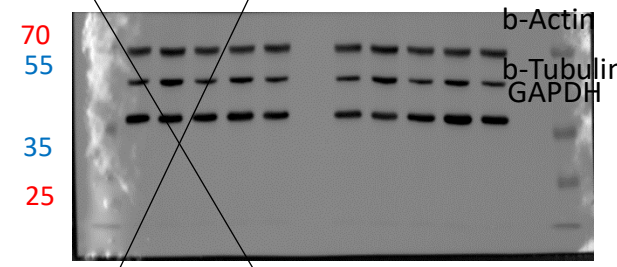
HKE



Round 6



HKE



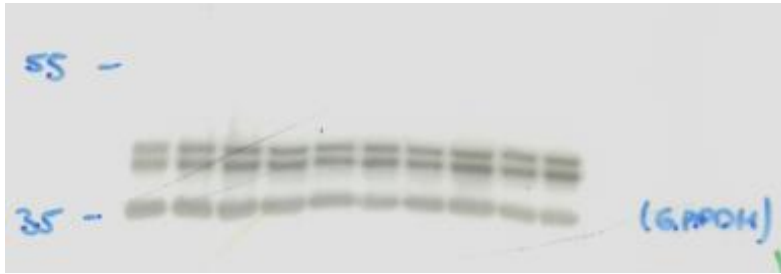
only concerns  
figure 2

# pERK 1/2 (45kDa) // GAPDH (37kDa)

Round 1

Round 2

Round 3



HKE

HKE

HKE



# pERK 1/2 (45kDa) // GAPDH (37kDa)

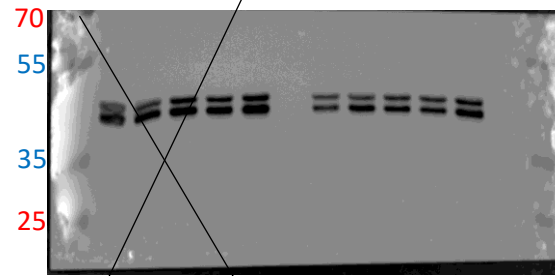
Round 4



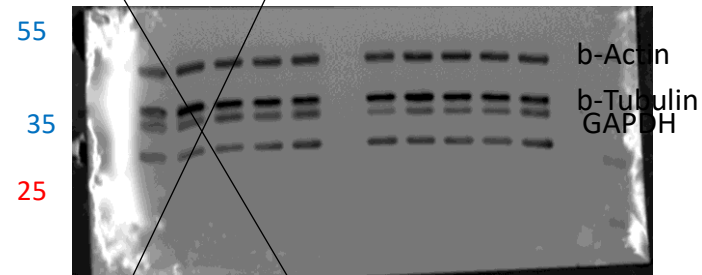
HKE:



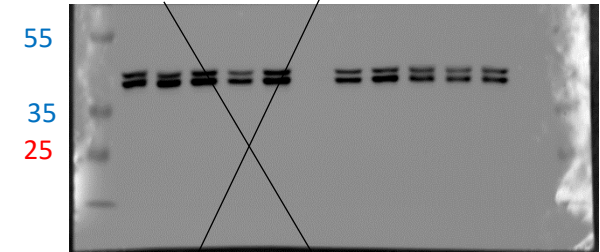
Round 5



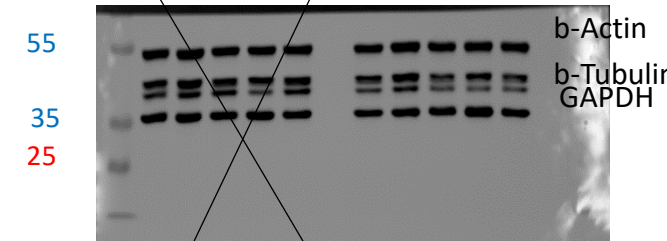
HKE:



Round 6



HKE:



only concerns  
figure 2

Figure 4 (JJN-3)

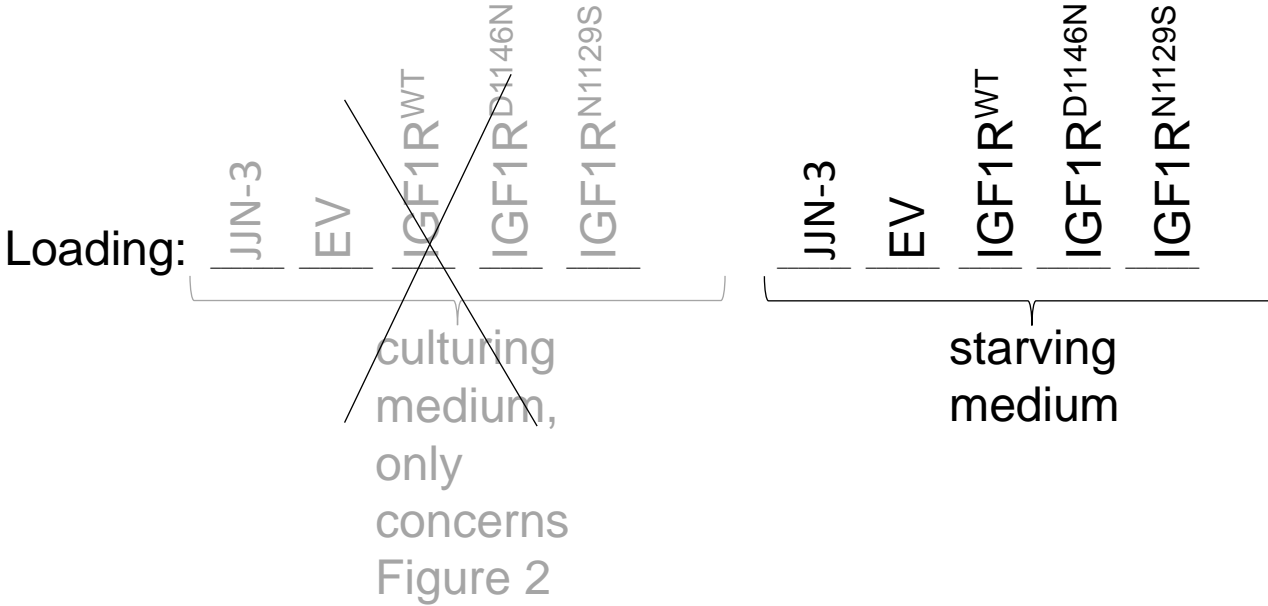
Round 1-3: D1146N and N1129S loaded on different blots.  
0.5% FBS is starved, only these bands used for analysis

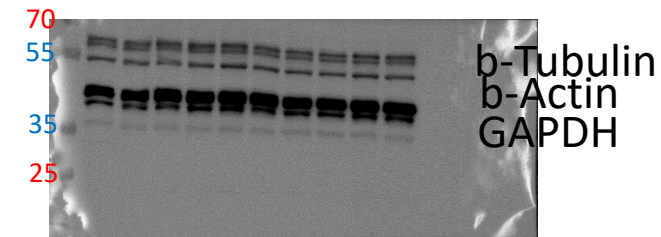
∅			LV			WT			Mut (D1146N / N1129S)		
0.5%	10%	IGF1	0.5%	10%	IGF1	0.5%	10%	IGF1	0.5%	10%	IGF1



-: serum starved (unstimulated), only these bands used for analysis  
+: stimulated with IGF1

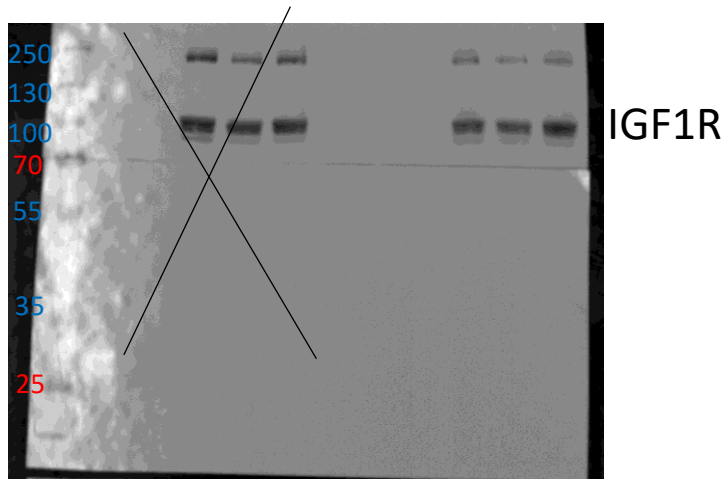
**Round 5-7:**





# IGF1R (95kDa) // GAPDH (37kDa)

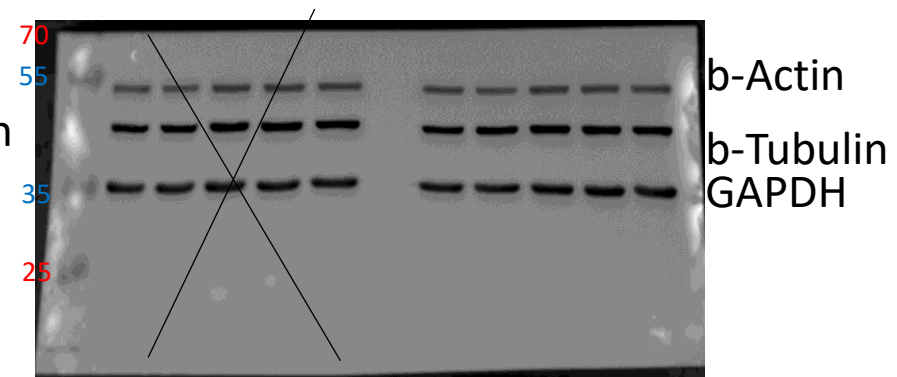
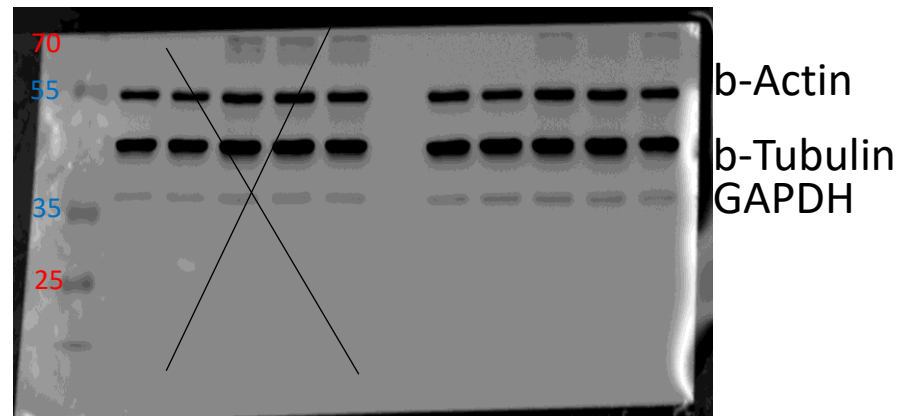
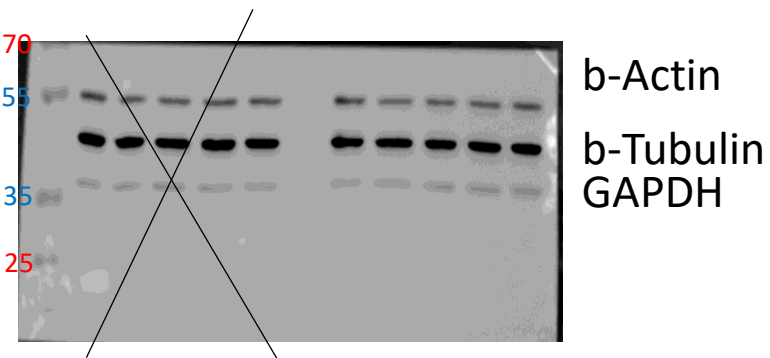
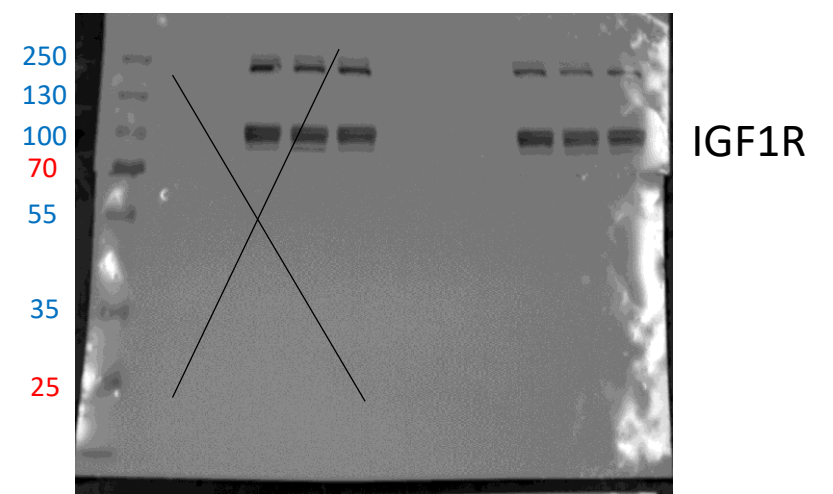
Round 5



Round 6



Round 7

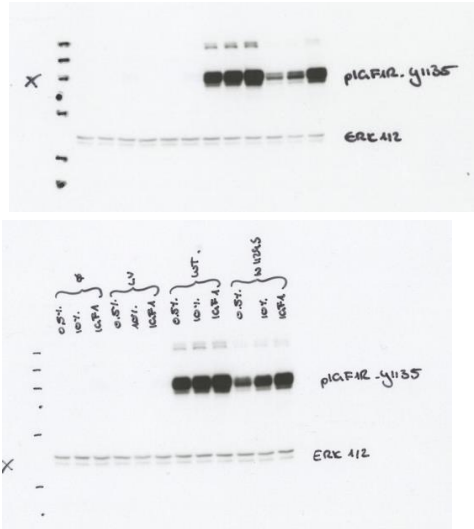


only concerns  
figure 2

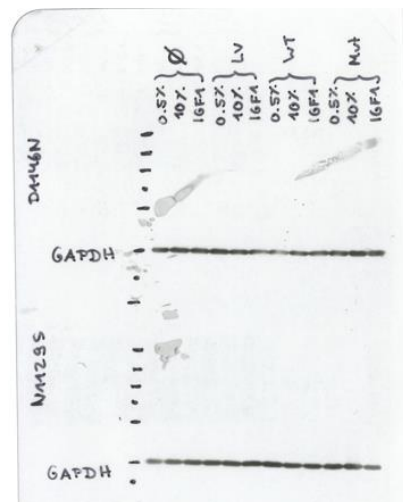


## pIGF1R (Y1135) (95kDa) // GAPDH (37kDa)

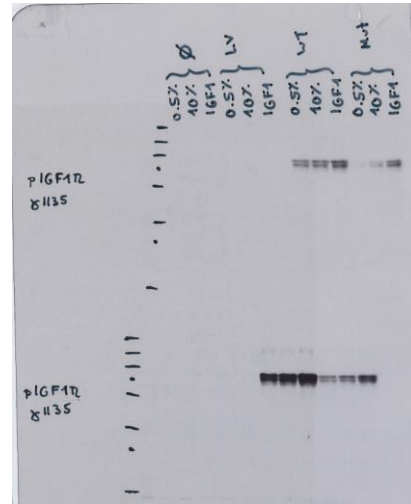
Round 1



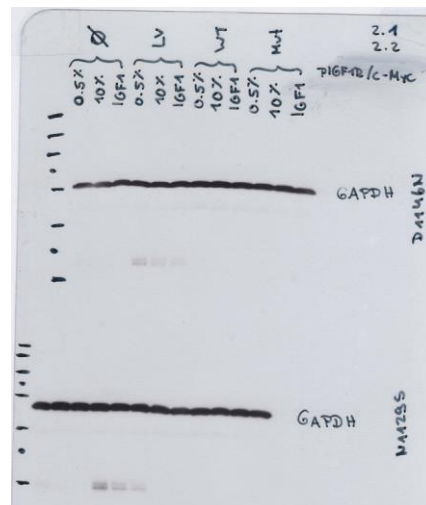
HKE:



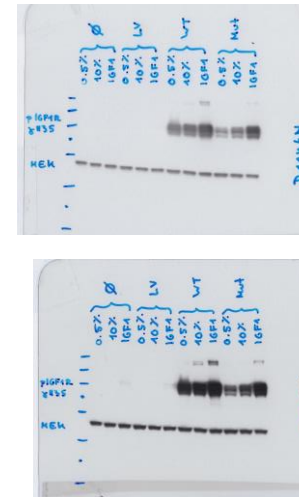
## Round 2



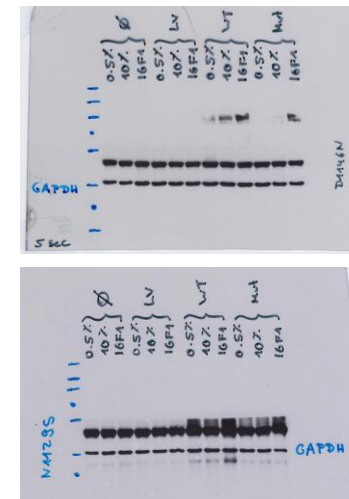
HKE:



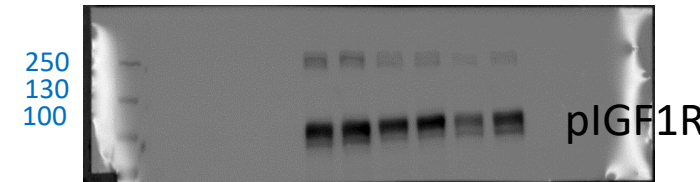
## Round 3



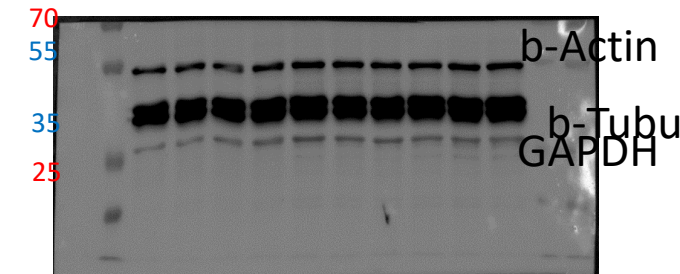
HKE:



## Round 4



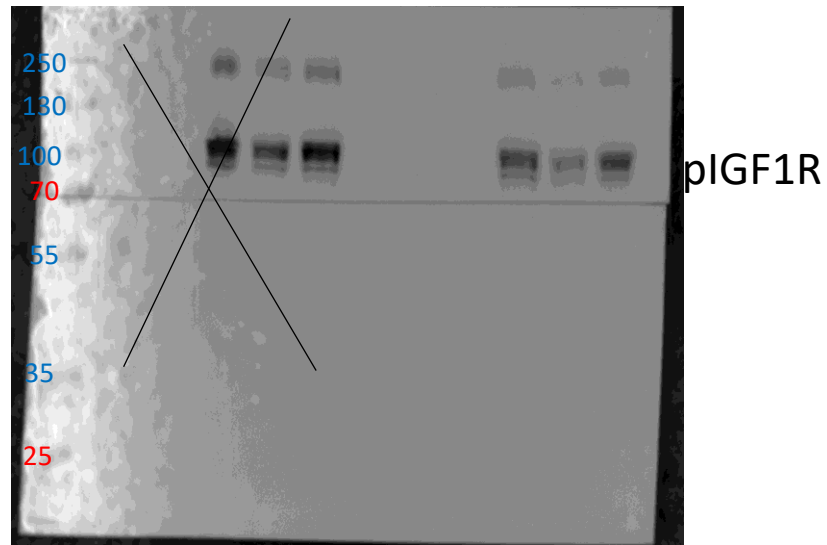
HKE:



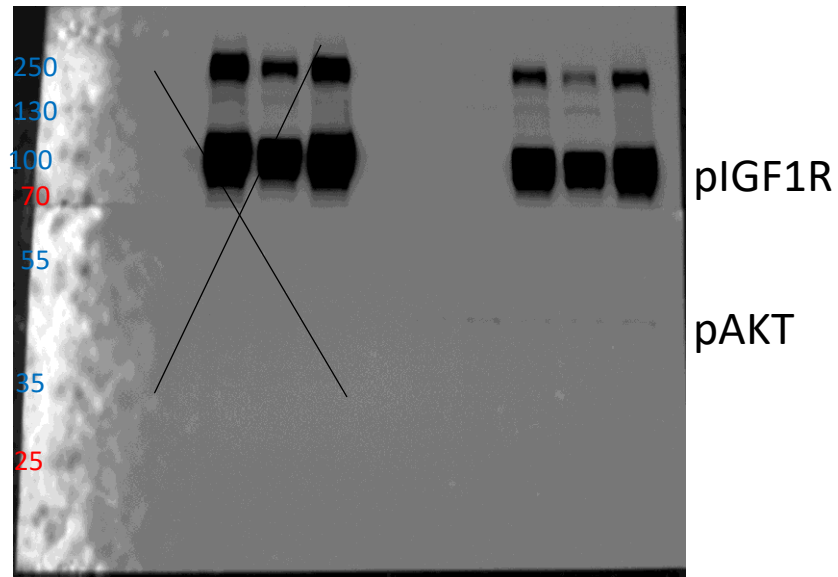


# pIGF1R (Y1135) (95kDa) // GAPDH (37kDa)

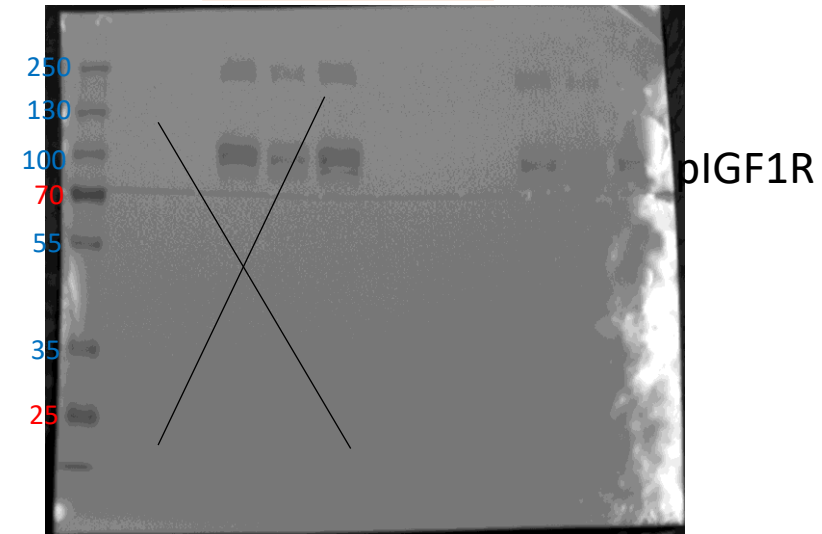
Round 5



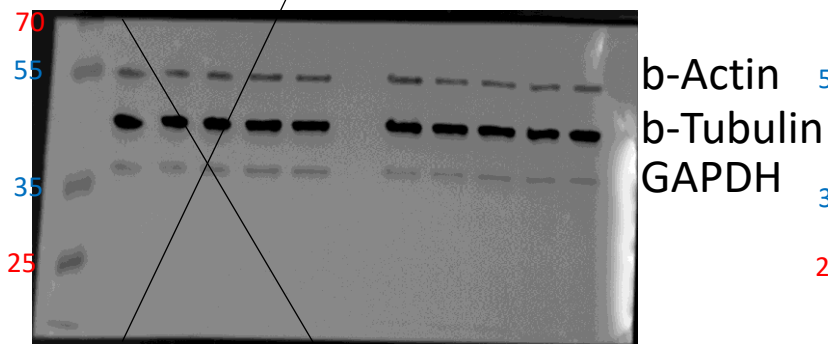
Round 6



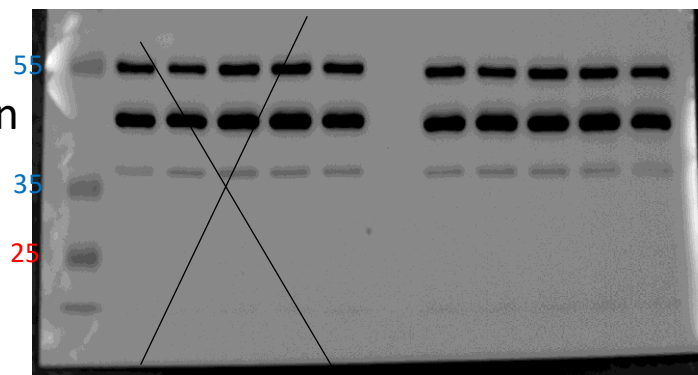
Round 7



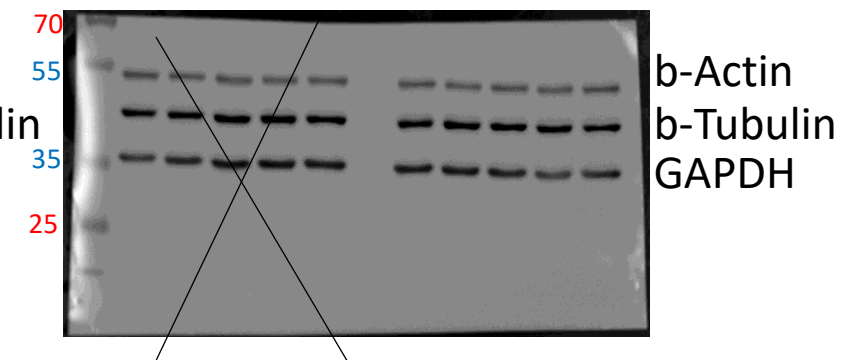
HKE:



HKE:



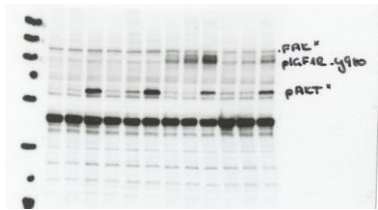
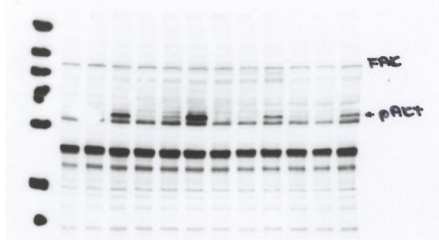
HKE:



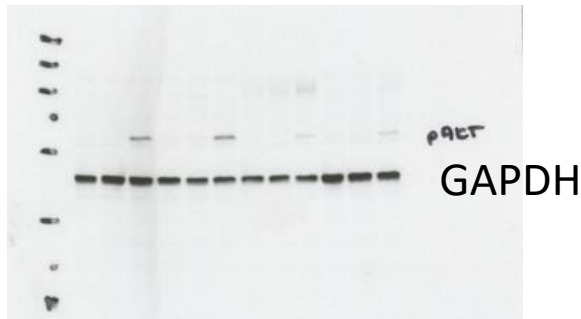
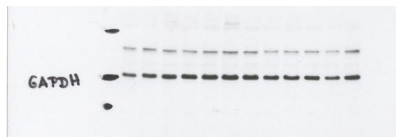
only concerns  
figure 2

# pAKT (60kDa) // GAPDH (37kDa)

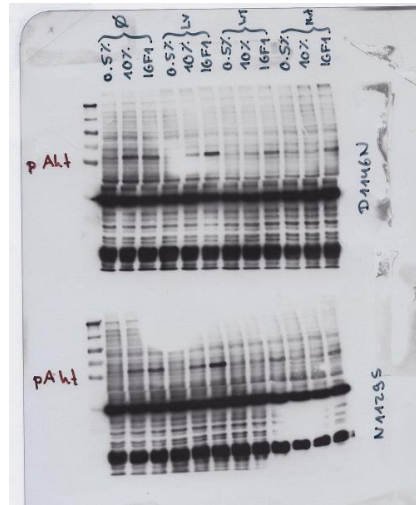
## Round 1



HKE:



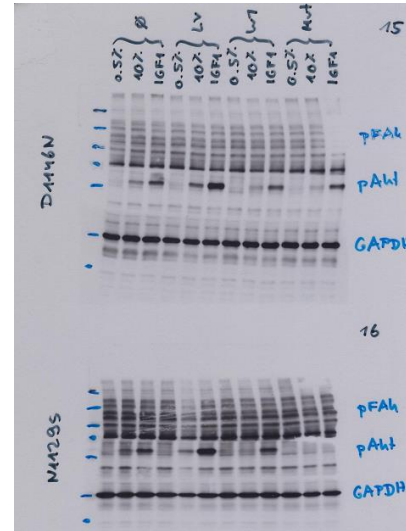
## Round 2



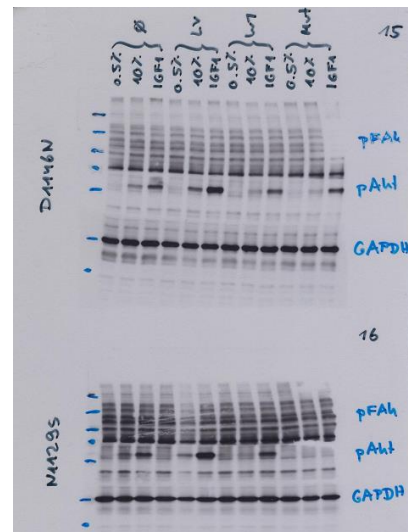
HKE:



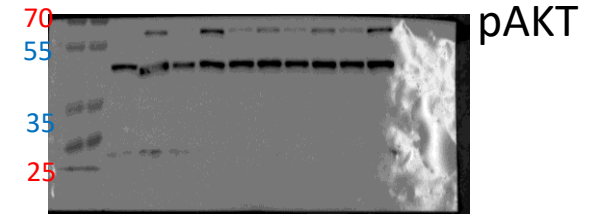
## Round 3



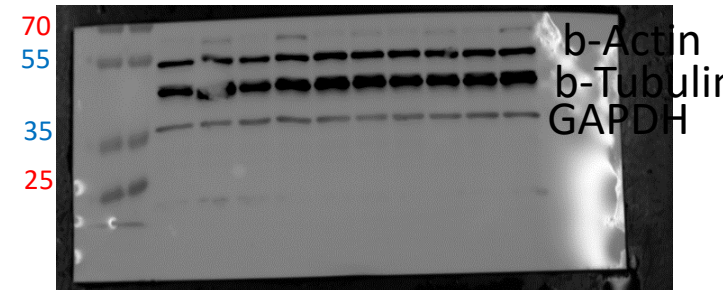
HKE:



## Round 4

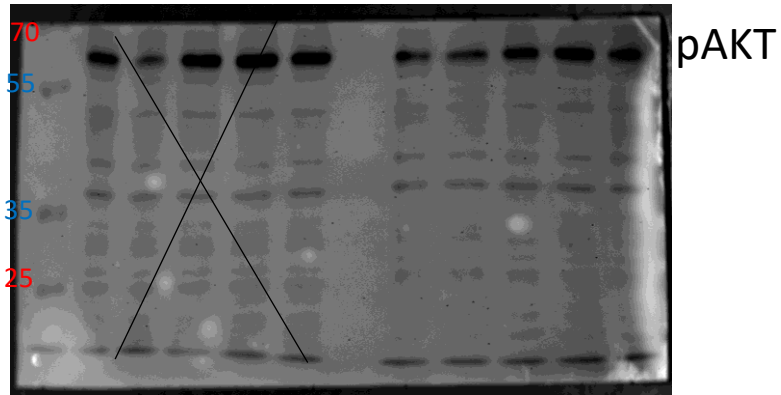


HKE:

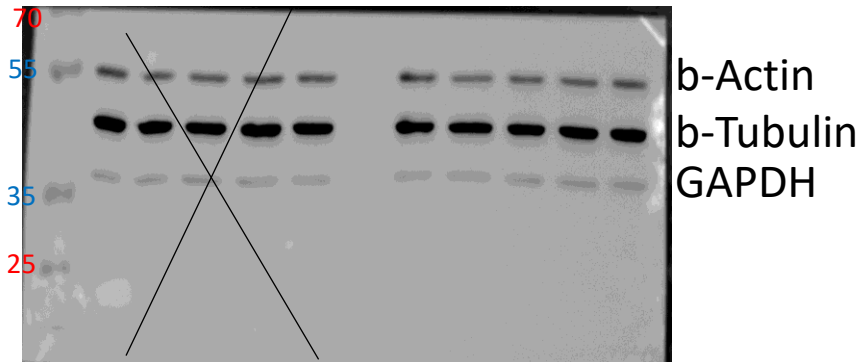


# pAKT (60kDa) // GAPDH (37kDa)

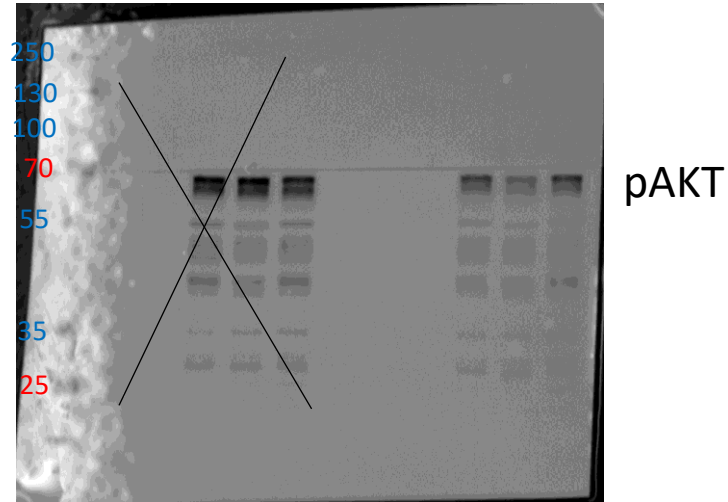
Round 5



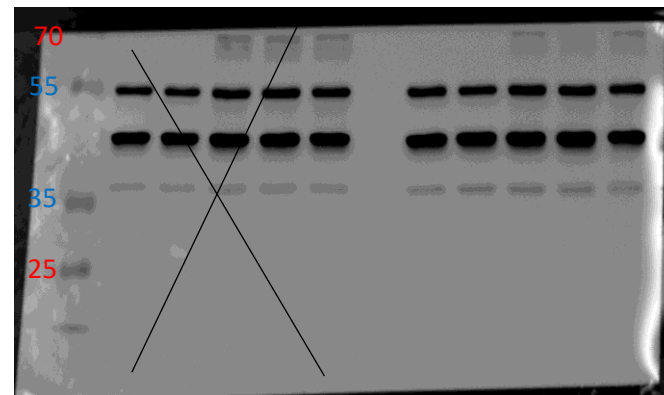
HKE:



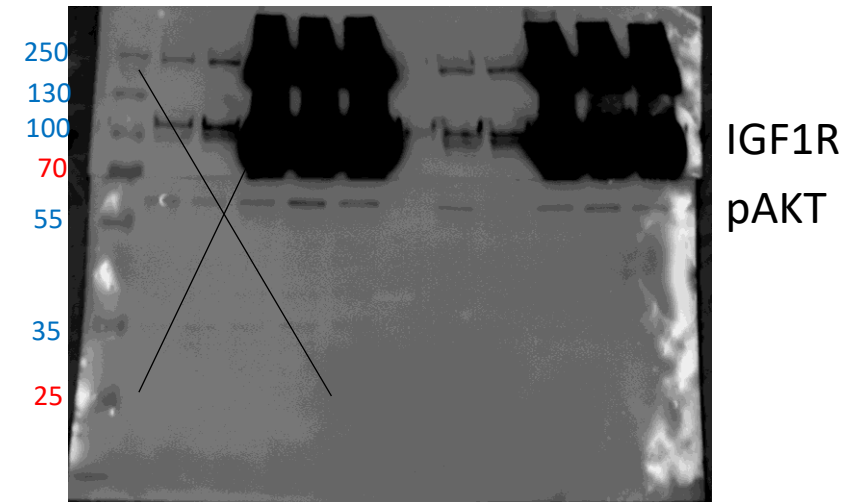
Round 6



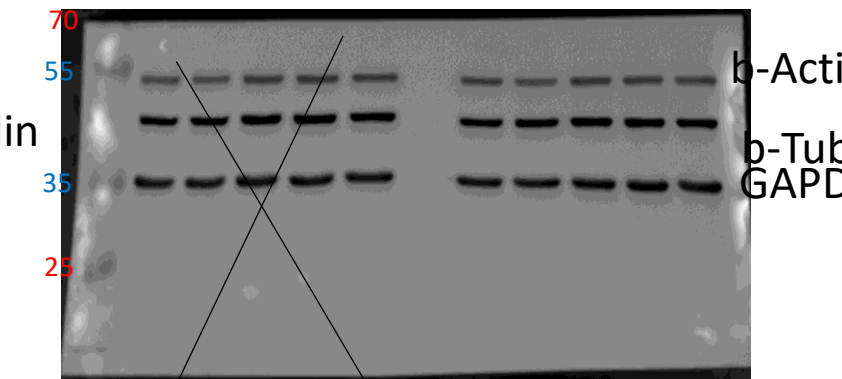
HKE:




Round 7



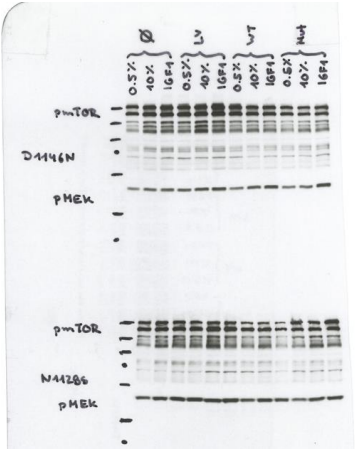
HKE:



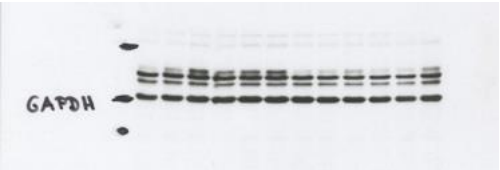
 only concerns  
figure 2

pMEK 1/2 (45kDa) // GAPDH (37kDa)

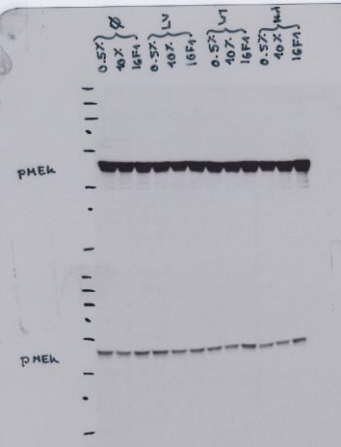
Round 1



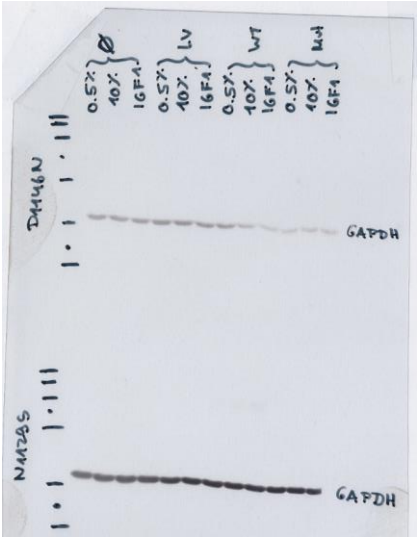
HKE:



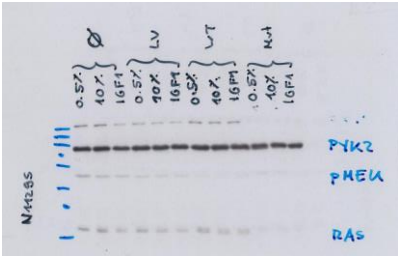
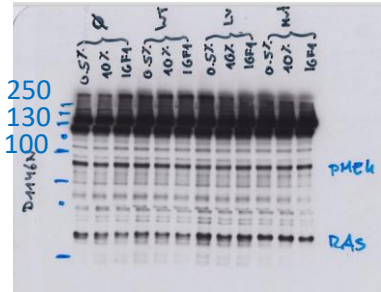
Round 2



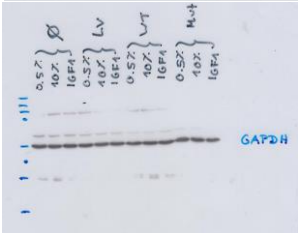
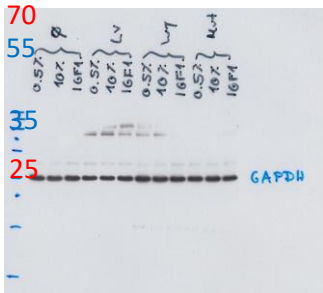
HKE:



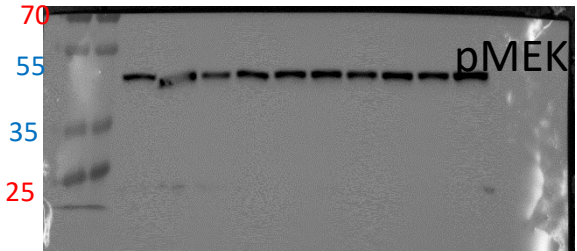
Round 3



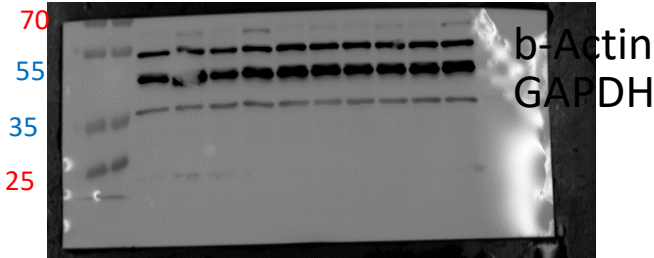
HKE:



Round 4



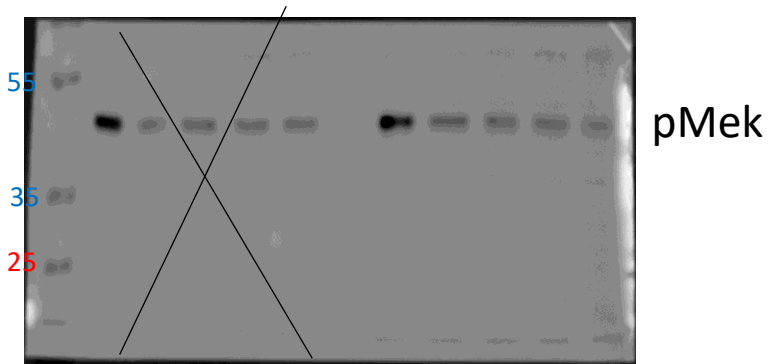
HKE:



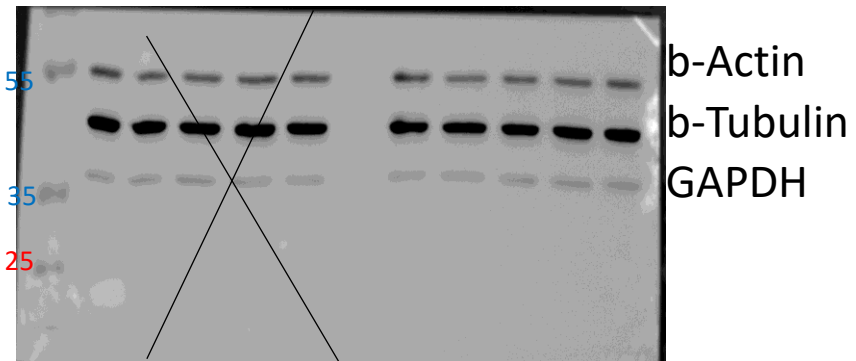


# pMEK 1/2 (45kDa) // GAPDH (37kDa)

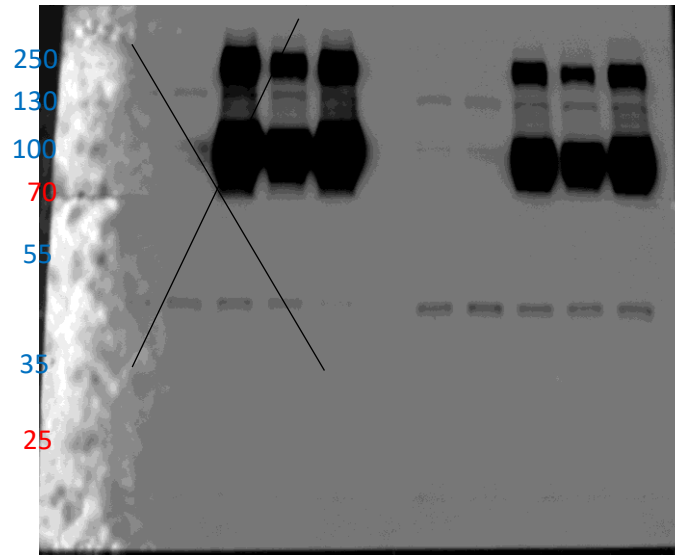
Round 5



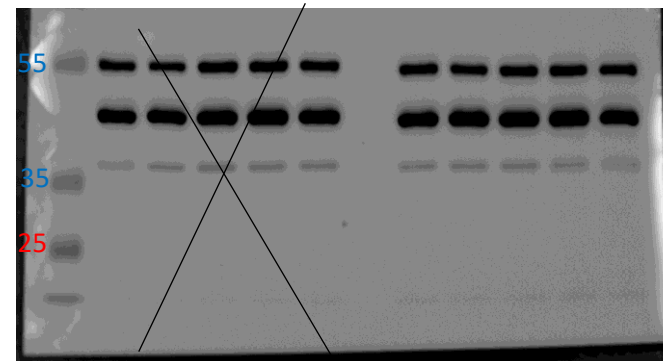
HKE:



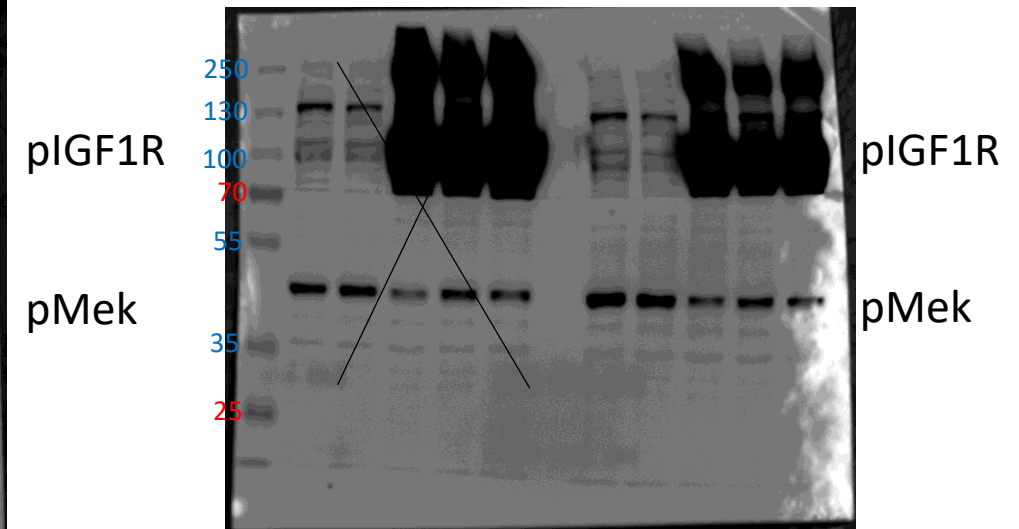
Round 6



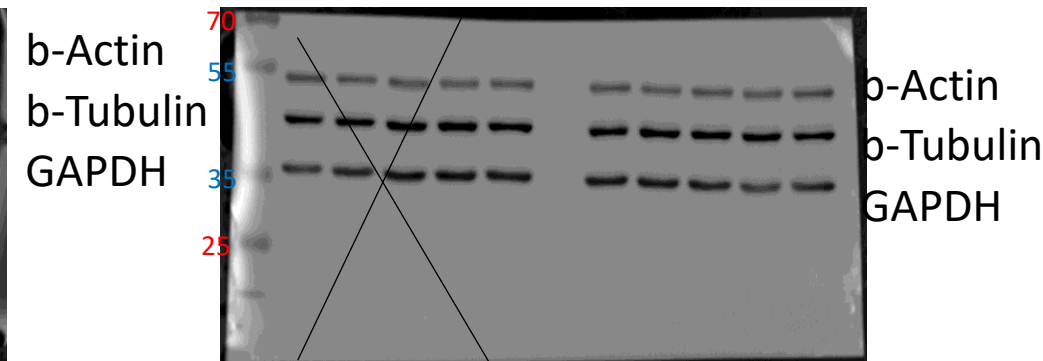
HKE:



Round 7



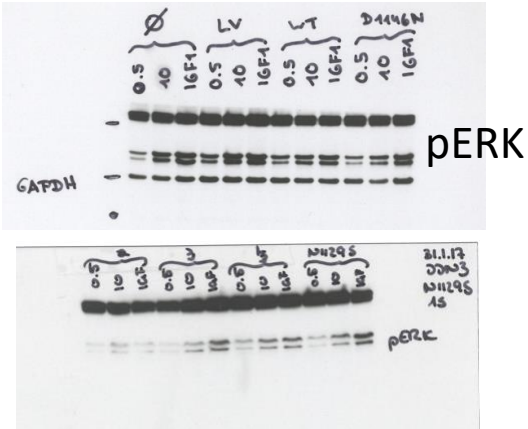
HKE:



only concerns  
figure 2

# pERK 1/2 (45kDa) // GAPDH (37kDa)

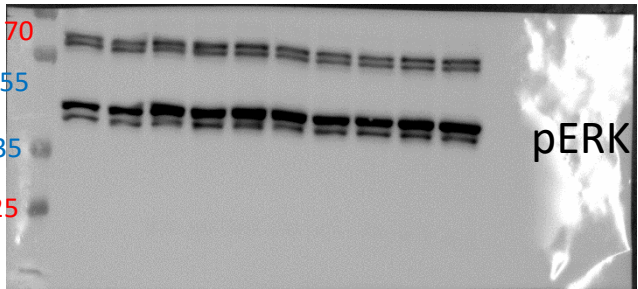
Round 1



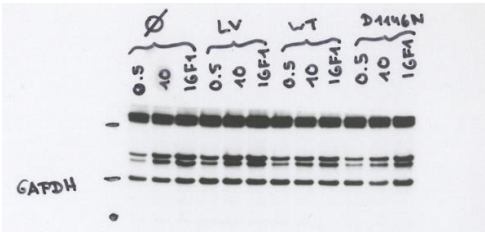
Round 2

Round 3

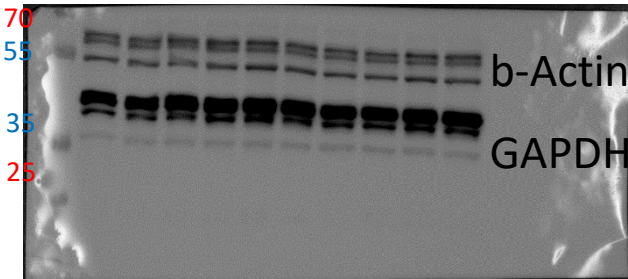
Round 4



HKE:

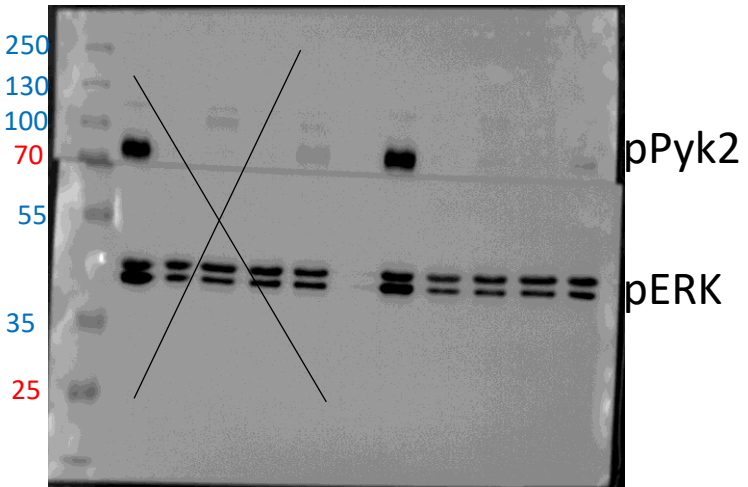


HKE:

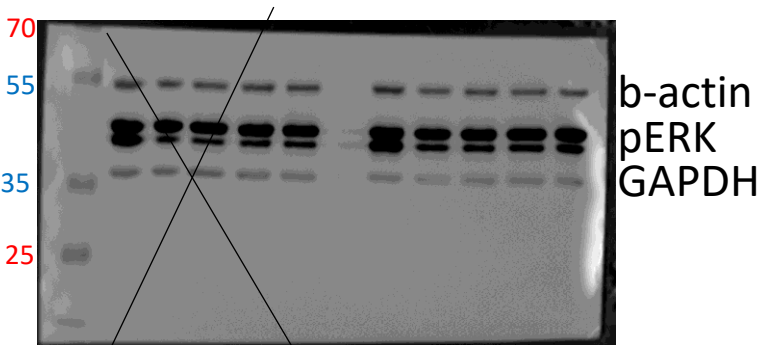


# pERK 1/2 (45kDa) // GAPDH (37kDa)

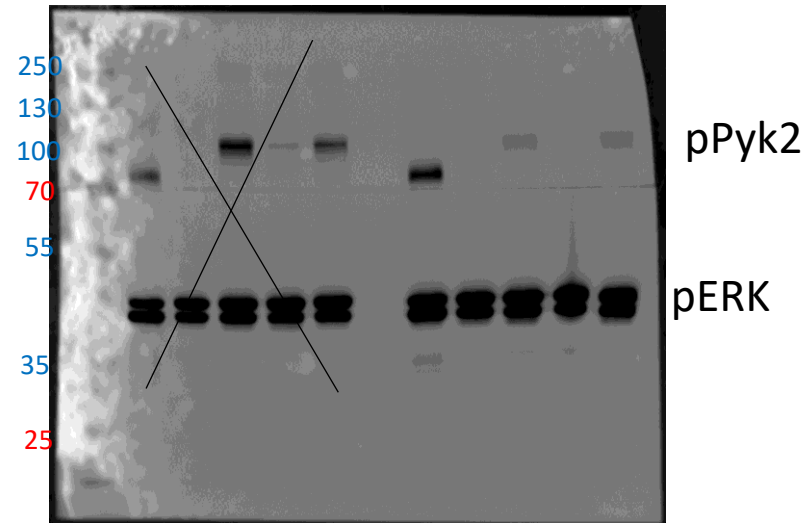
Round 5



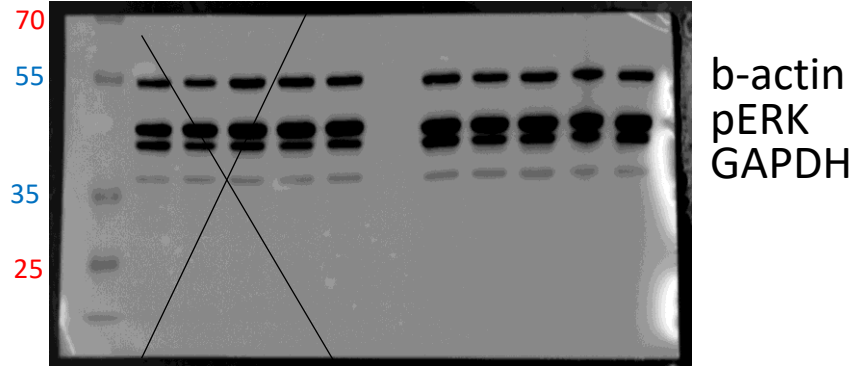
HKE:



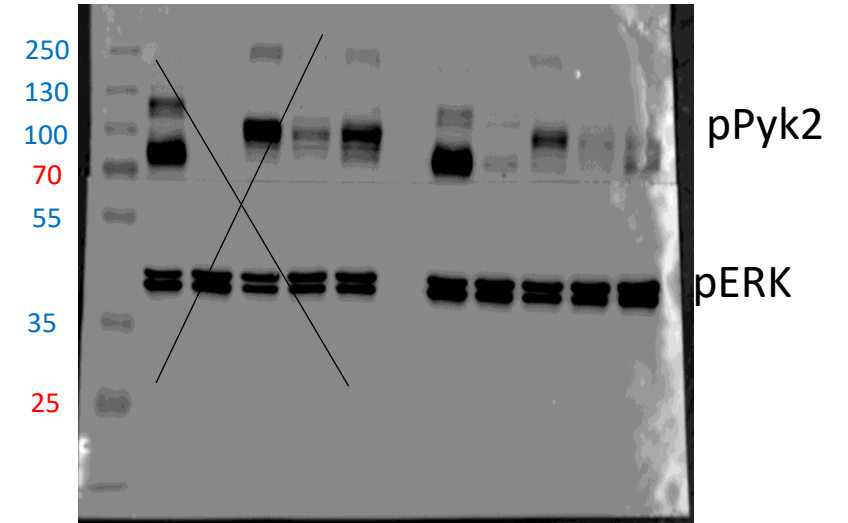
Round 6



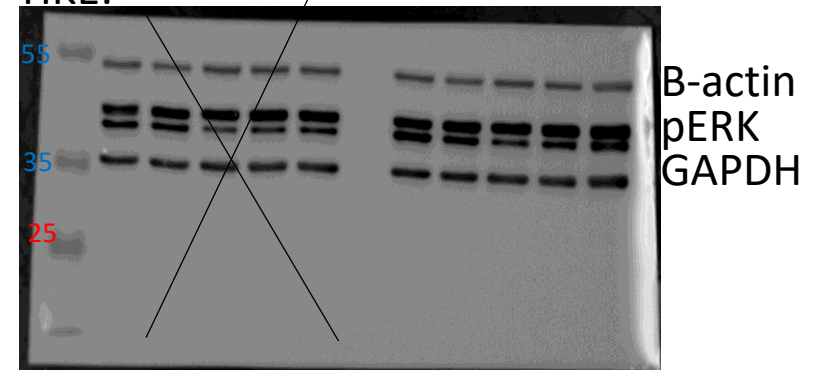
HKE:



Round 7



HKE:

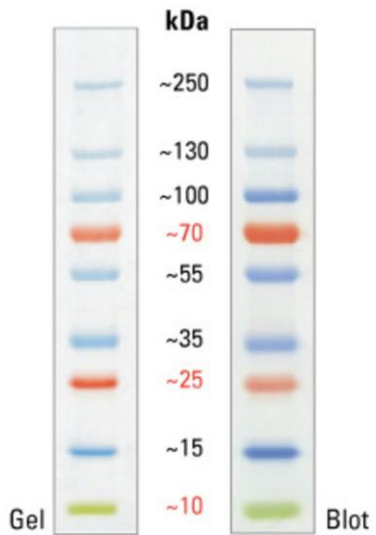


 only concerns  
figure 2

Figure 5



## Ladder



PageRuler™ Plus  
Prestained Protein  
Ladder, 10 to 250 kDa  
Katalognummer: #26  
619 Thermo Fischer

## Markers (Figure 5B):

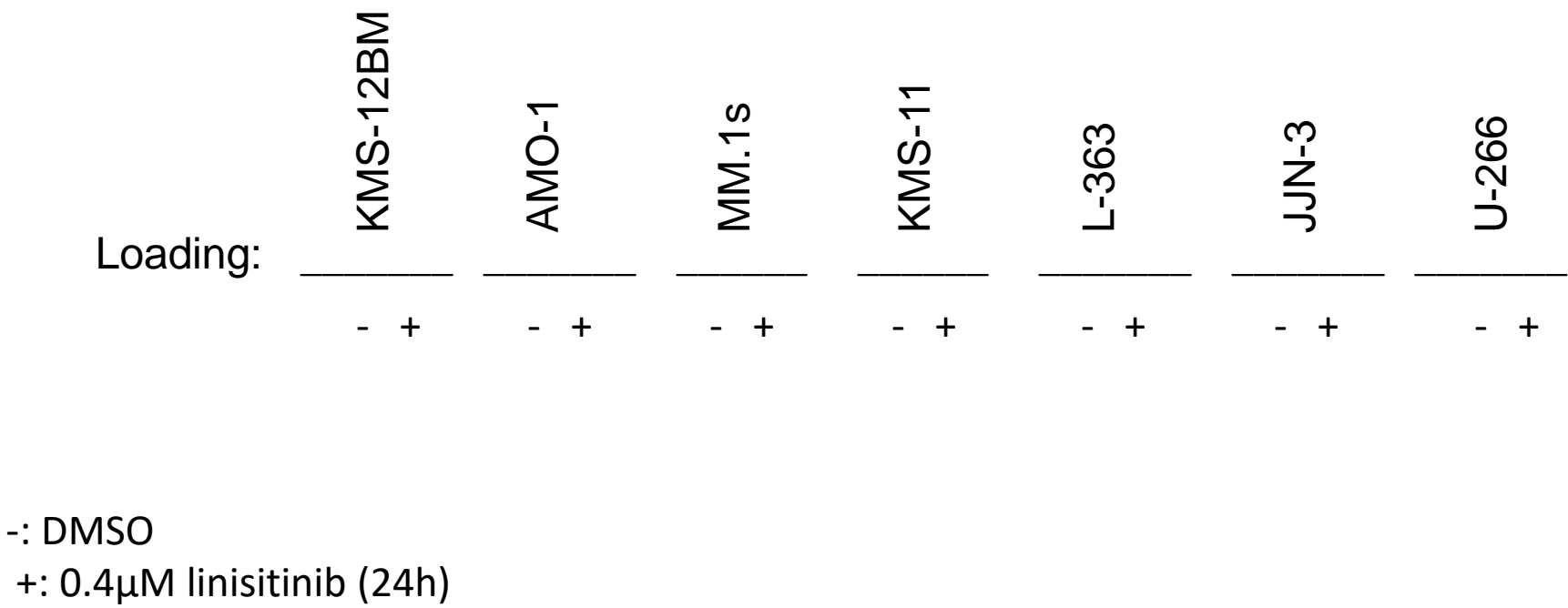
IGF1R  
pIGF1R(Y1135)  
pAKT  
PARP1  
Caspase 9

## House keepers (HKEs):

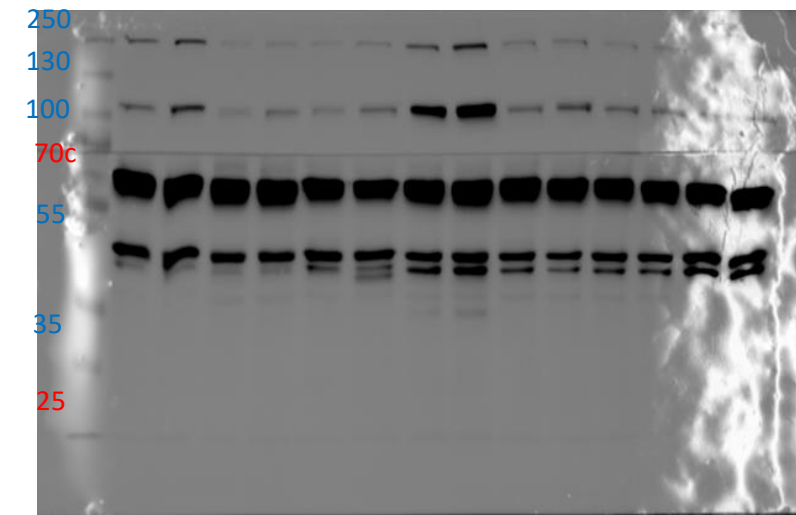
b-actin  
b-tubulin  
GAPDH

Round depicted  
in WB figure

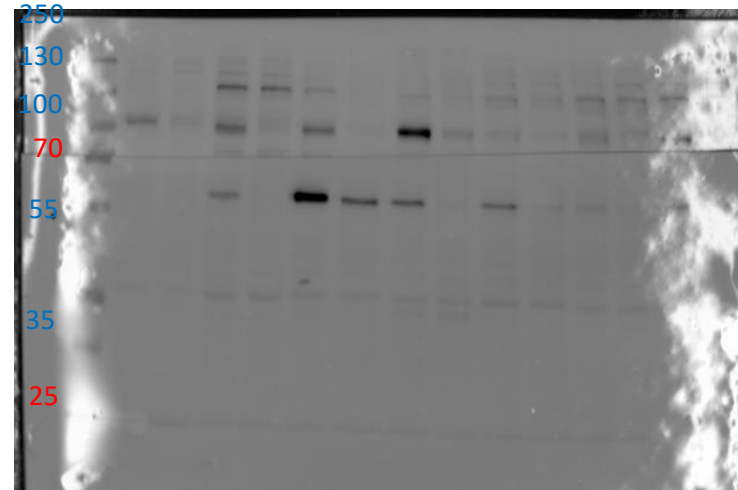
Figure 5B



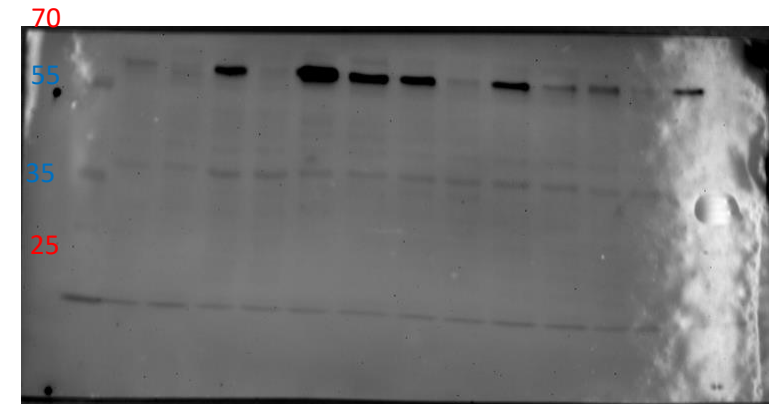
# IGF1R (95kDa) /HKES



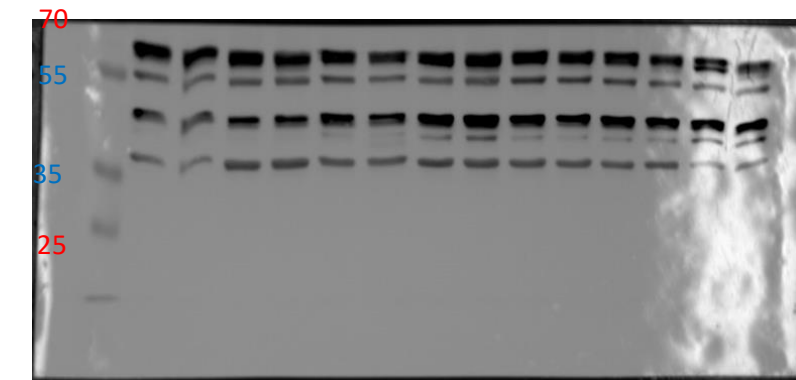
# pIGF1R (Y1135) (95kDa) /HKES



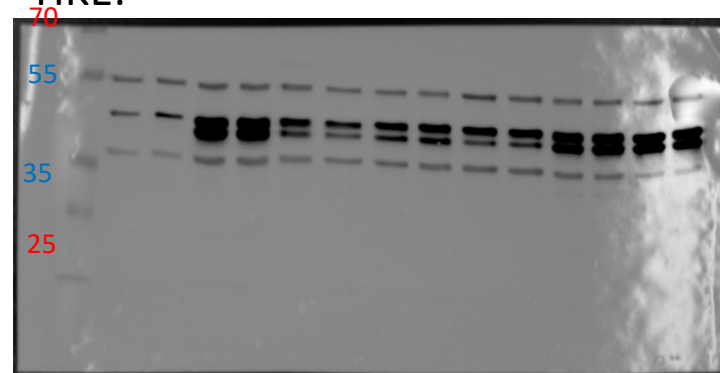
# pAKT(60kDa) /HKES



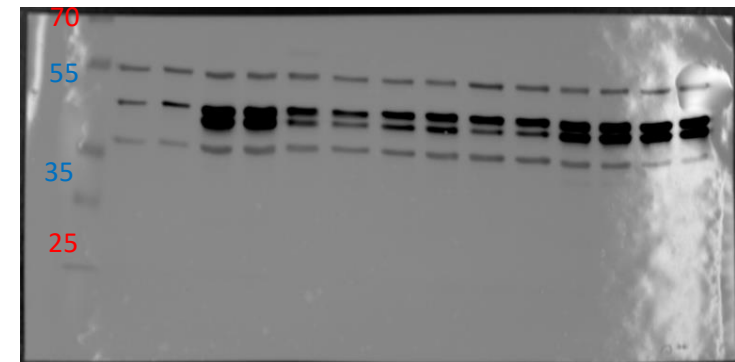
HKE:



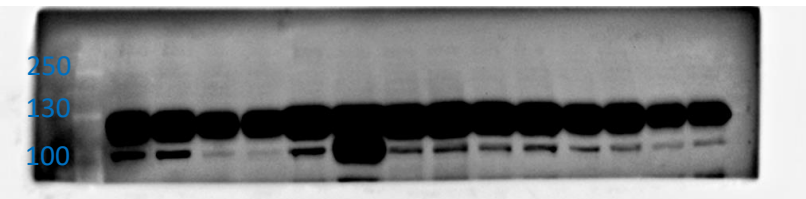
HKE:



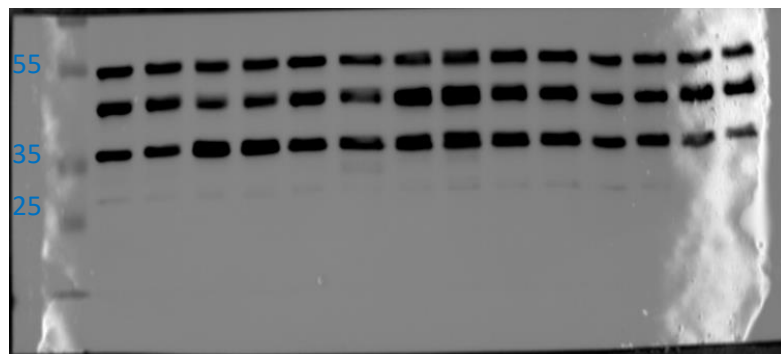
HKE:



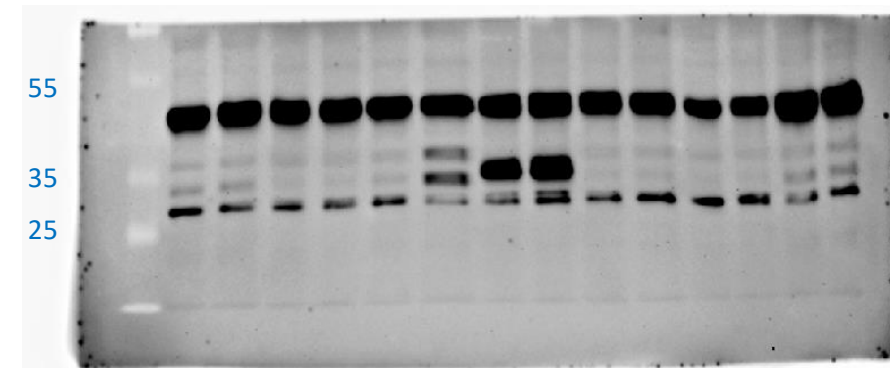
# PARP (116, 89 kDa) /HKES



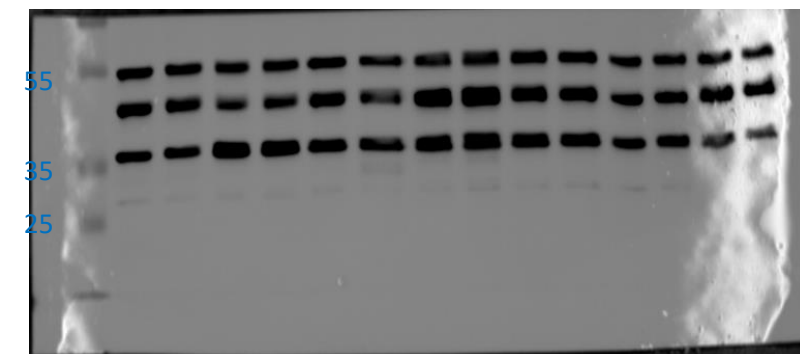
HKE:



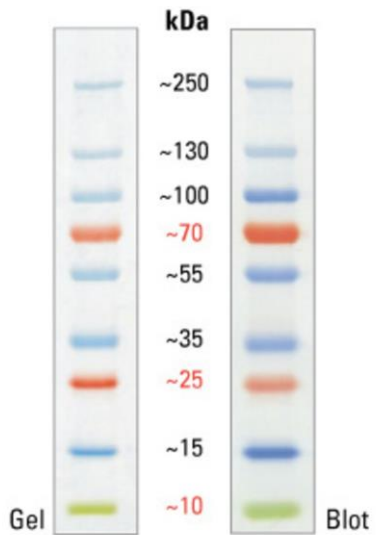
# Caspase 9 (47, 37, 35 kDa) /HKES



HKE:



## Ladder



PageRuler™ Plus  
Prestained Protein  
Ladder, 10 to 250 kDa  
Katalognummer: #26  
619 Thermo Fischer

## Markers (Figure 5C):

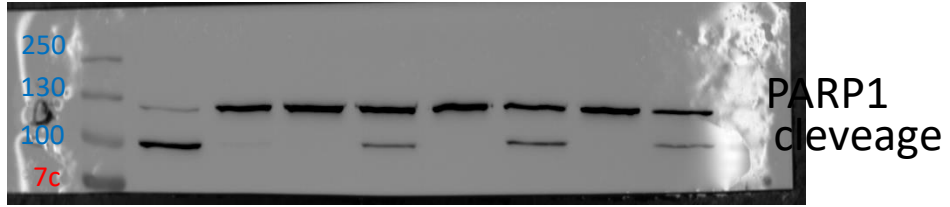
IGF1R  
pIGF1R(Y1135)  
PARP1  
Caspase 9

## House keepers (HKEs):

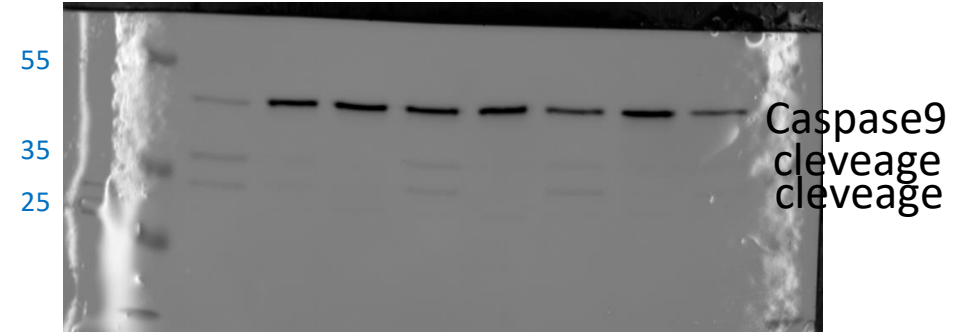
b-actin  
b-tubulin  
GAPDH

Round depicted  
in WB figure

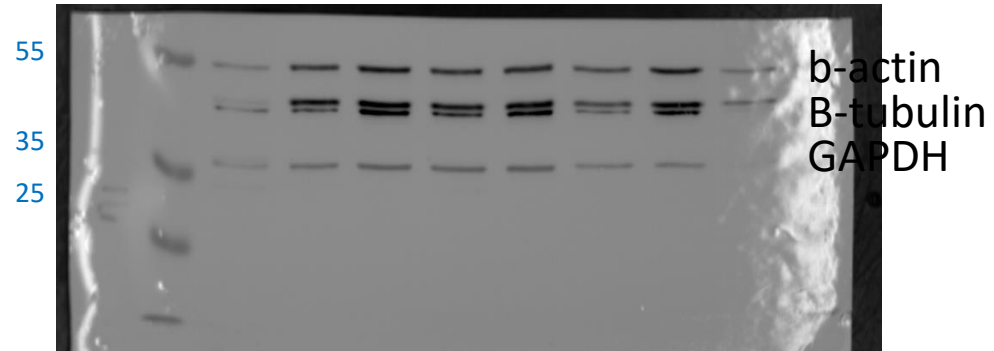
# PARP (116, 89 kDa) /HKES



# Caspase 9 (47, 37, 35 kDa) /HKES



HKE:



HKE:

