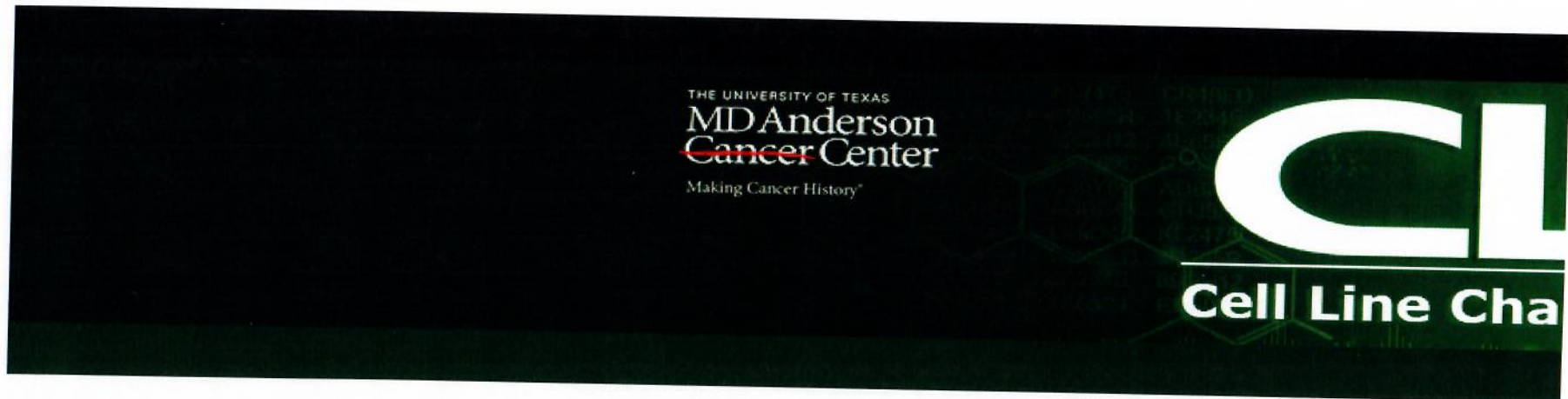


Attachment 2.



CCSG-Characterized Cell Line Core

CCLC database is a comprehensive databases of short tandem repeat (STR) profiles, The database includes profiles from 20 public database/ public. The database contains over 4000 unique human cancer cell line STR profiles, one of the largest cancer cell line STR online search database in the v

For general questions please contact Kathryn Aziz (Coordinator) (713)-792-5743 , KEHodges@mdanderson.org

For technical questions please contact Xuesong Li (Core research Investigator) (713)-792-6833 , Xsli@mdanderson.org

Core Director: Dr. Karina Eterovic (713)-792-5754, aketerovic@mdanderson.org

Core Grant Citation

This facility is funded by NCI # CA16672. Publications should cite the Core grant in the acknowledgment section, if publication
Please note that if you are to every publish these cell lines *do not use all 14 loci/alleles on the paper, ONLY 8 loci/alleles can be t

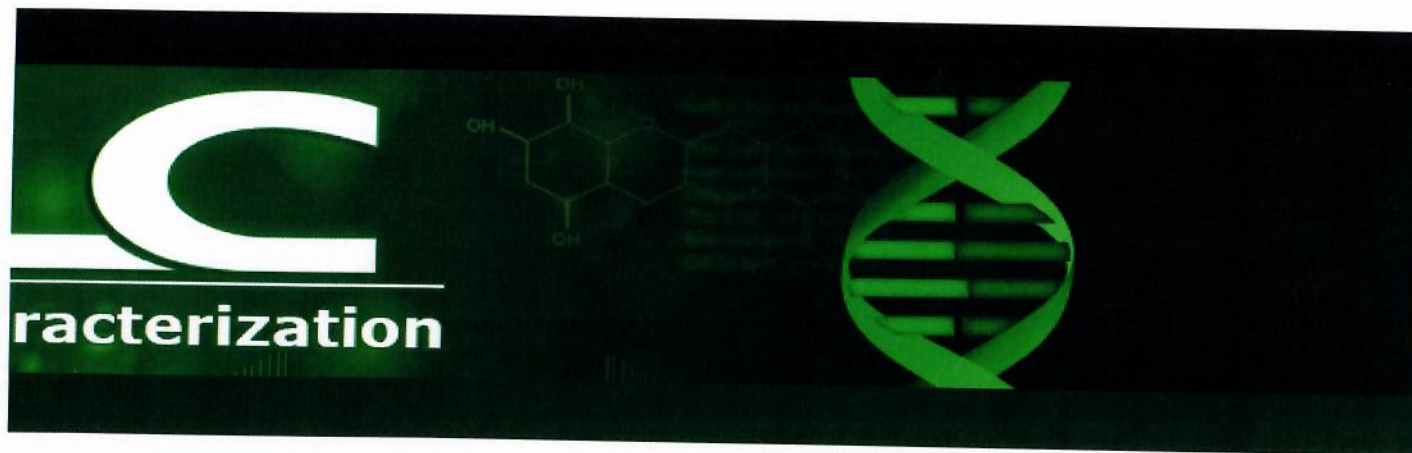
SET 423	2/26/18
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Source	Sample_Name	AMEL	CSF1PO	D13S317	D16S539
--------	-------------	------	--------	---------	---------

Jianhua Ling	BxPC-3	X	13	11	9,11
DSMZ, ATCC ,JCRB, Riken online search database	BXPC3	X	13	11	9,11

Source	Sample_Name	AMEL	CSF1PO	D13S317	D16S539
Jianhua Ling	MIA-PaCa-2A	X	10	12,13	10,13
Public database_Sanger	MIA-PACA-2	X	10	12,13	10,13

Source	Sample_Name	AMEL	CSF1PO	D13S317	D16S539
Jianhua Ling	hTERT-HPNE	X,Y	12	12,13	12,13
Public database_DSMZ	HTERT-HPNE	X,Y	12	12,13	12,13



ations and the cell lines developed by MD Anderson research labs.
world

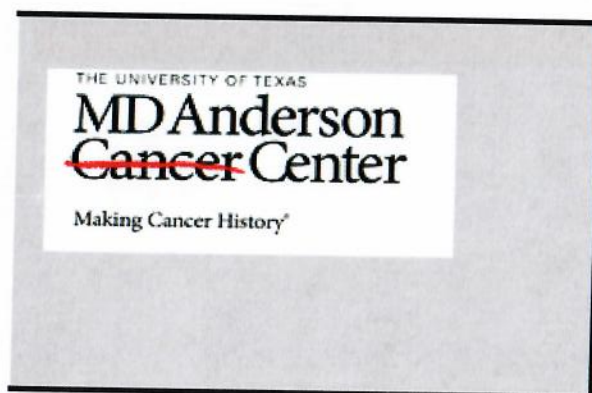
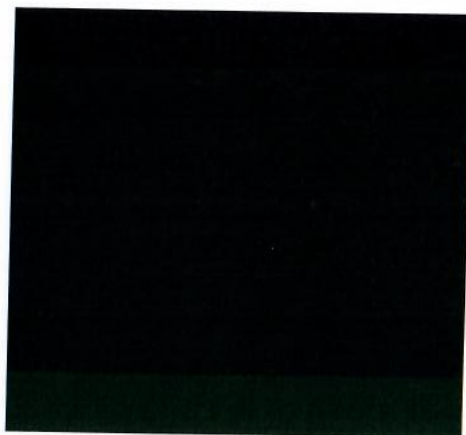
*s use data generated by the Core facility. Two copies of the publication acknowledging the Core gra
used...HIPPA & M. D. Anderson's policy**

D18S51	D21S11	D3S1358	D5S818	D7S820	D8S1179	FGA	TH01	TPOX	vWA
--------	--------	---------	--------	--------	---------	-----	------	------	-----

12	29	14,16	11	10,13	13	20,21	9	8	14,18
12	29	14,16	11	10,13	13	20,21	9	8	14,18

D18S51	D21S11	D3S1358	D5S818	D7S820	D8S1179	FGA	TH01	TPOX	vWA
12	29,31.2	16	12,13	12,13	16	22	9,10	9	15
12	29,31.2	16	12,13	12,13	16	22	9,10	9	15

D18S51	D21S11	D3S1358	D5S818	D7S820	D8S1179	FGA	TH01	TPOX	vWA
13,16	30	15	11	9,10	10,13	23,24	8,9	8,11	17
13,16	30	15	11	9,10	10,13	23,24	8,9	8,11	17

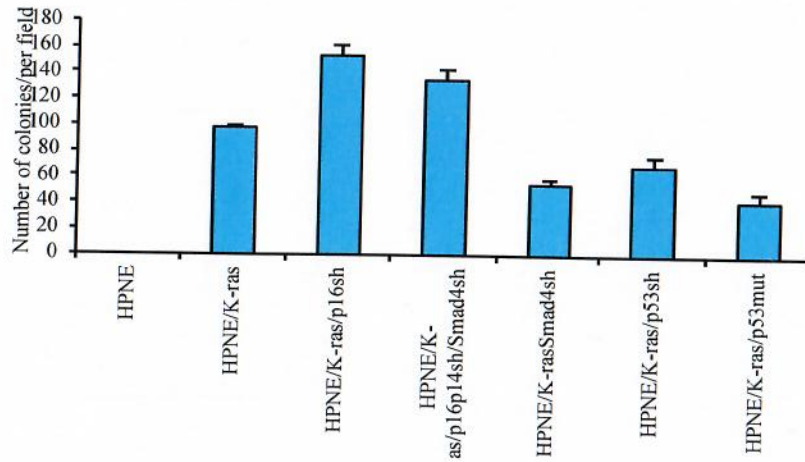
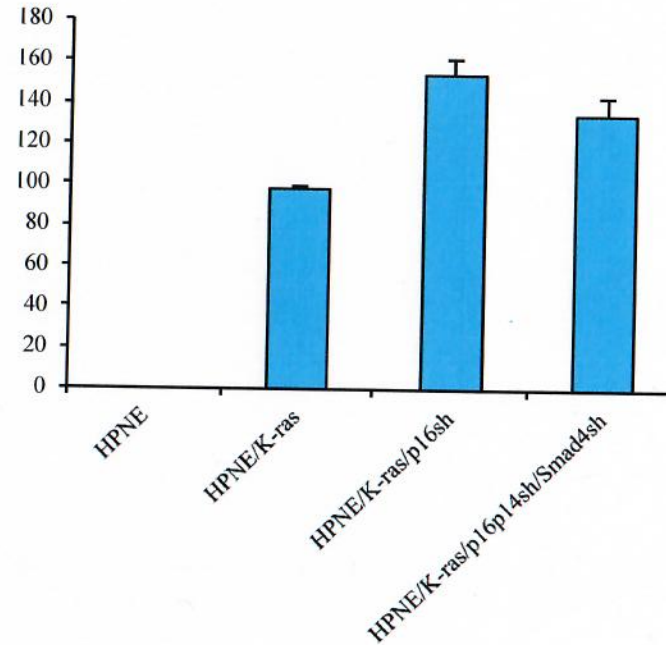
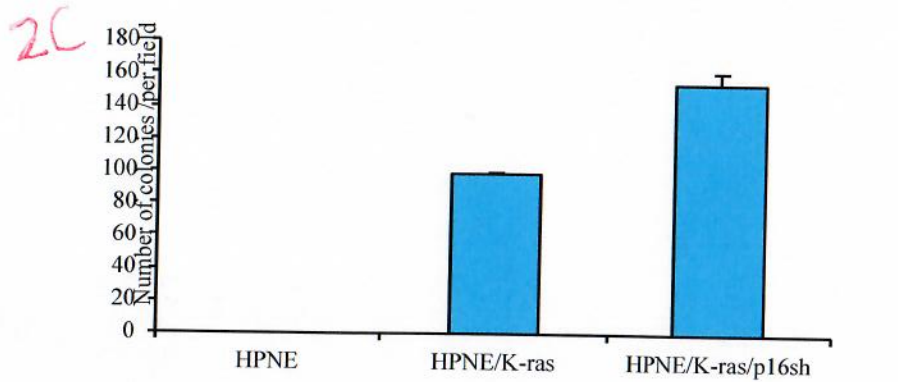


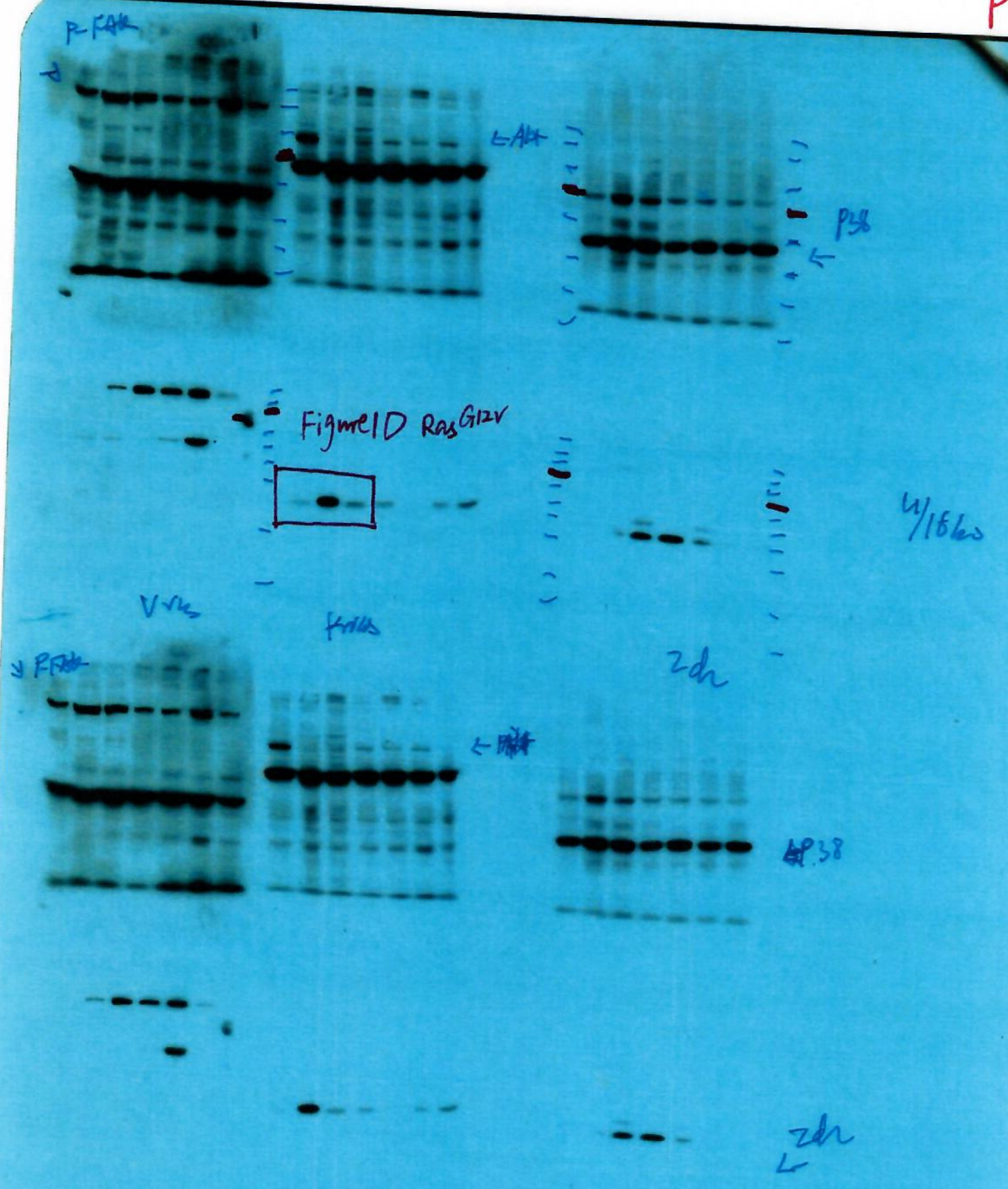
nt should also be submitted to the facility at Unit 950.

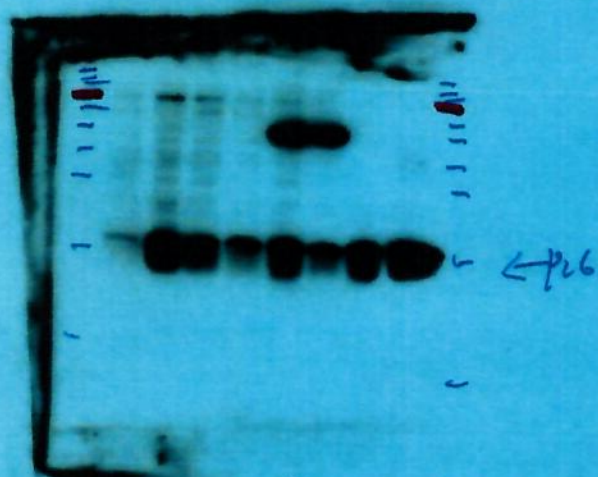
Comments

Attachment 3 for Fig 2C

HPNE	HPNE/K-ra	HPNE/K-ra	HPNE/K-ra	HPNE/K-ra	HPNE/K-ra	HPNE/K-ras/p53mut	smad4sh	p53sh	HPNE/Kras/p53mut
0	97.66667	154	134.6667	53.66667	69.33333	43	50	70	50
0	1.527525	7.211103	8.082904	4.725816	7.023769	6.082763	59	62	40
							52	76	39
							53.66667	69.33333	43
							4.725816	7.023769	6.082763







putative WT (100%) (35) ^{K20} _{Salmonella} ^{R52} _{mutant} 7/27/10

p16 →



putative WT (100%) (35) ^{K20} _{Salmonella} ^{R52} _{mutant} 7/27/10

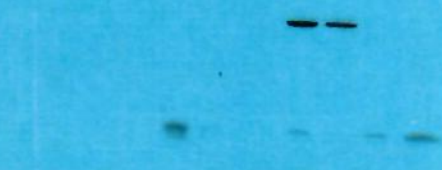
Figure 1D P16

→ p16

11/10/10

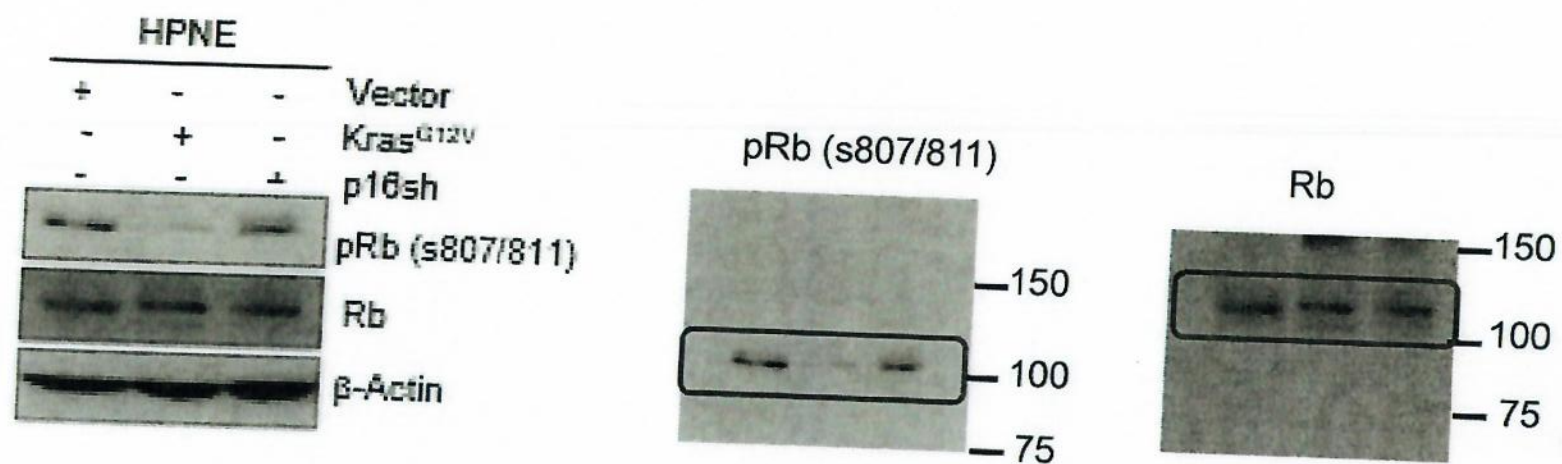


← p16



← p16

Figure 1E



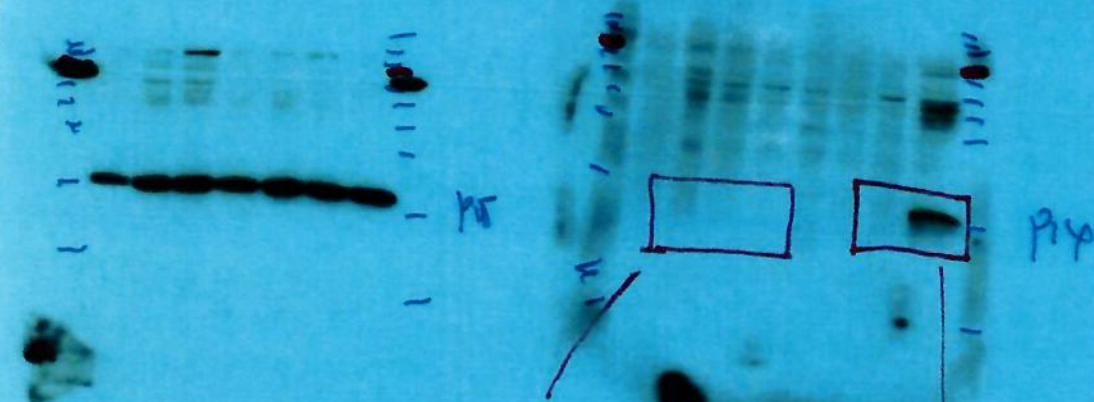


Figure 1F P14

Figure 1F P14

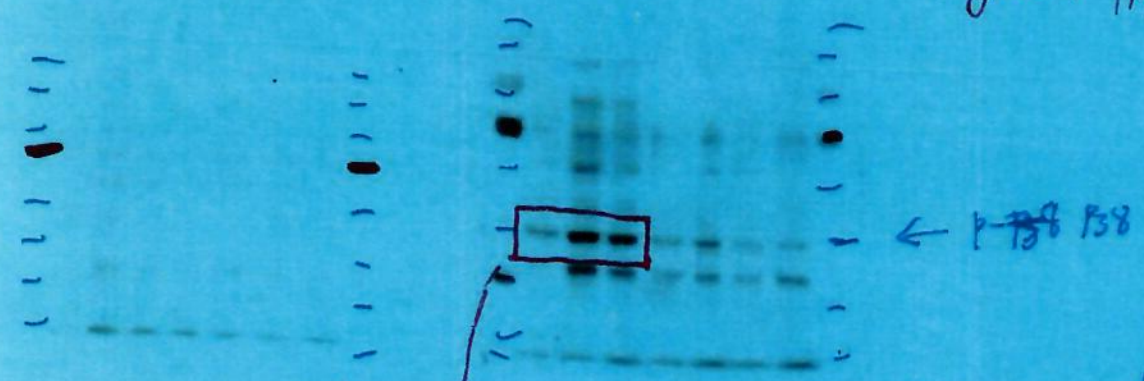


Figure 6B P-P38 P38

4/10/10



L

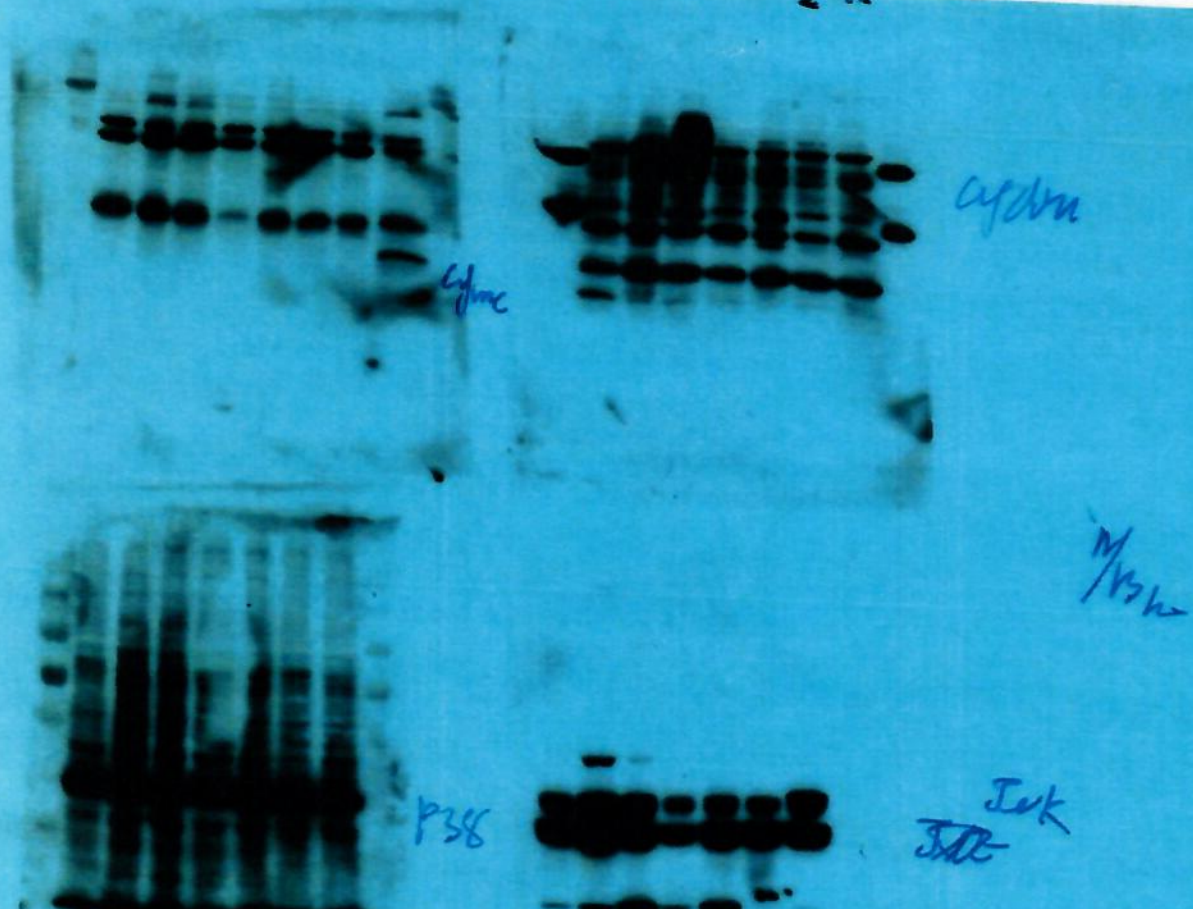


Figure 2E C-Myc



Fig 2E. Cyclin E



C-myc

cyclin E

Figure 6B

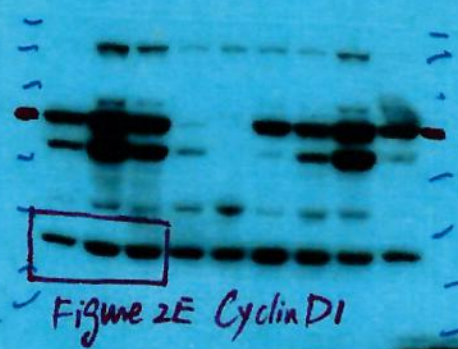
P38



P38



Jurk

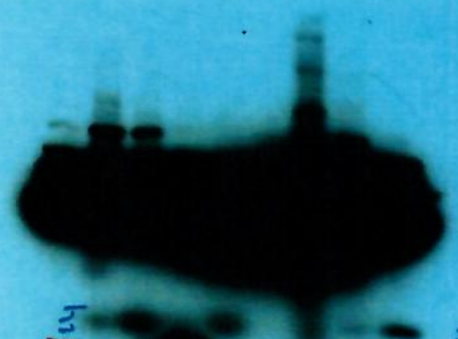


← Smadp
← b1 60kDa

← p1 37kDa

Figure 2E Cyclin D1

4/8 10



← p27

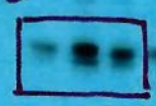
100kDa

53kDa
cyclin D1

cyclin D1 53kDa

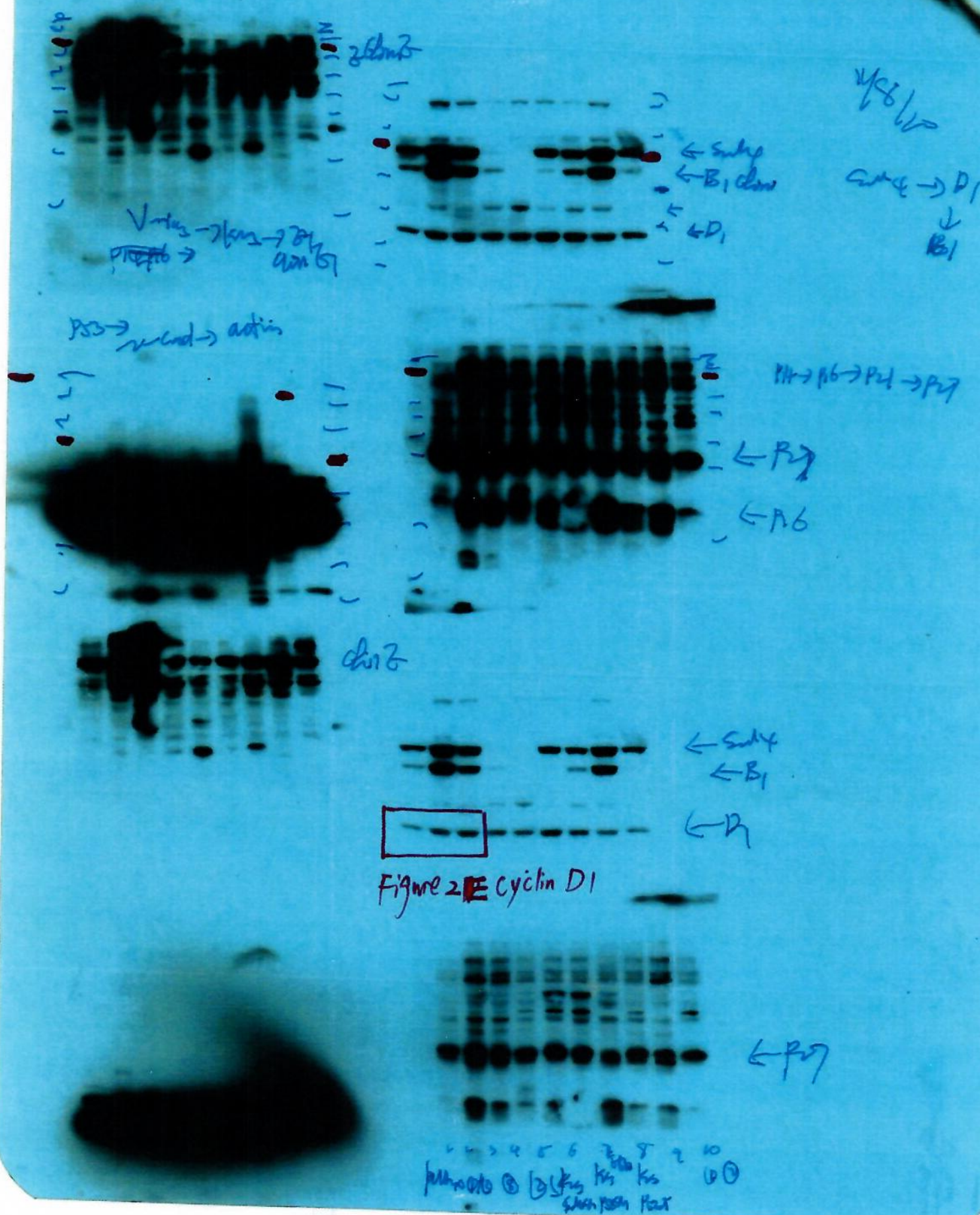
Figure 4C

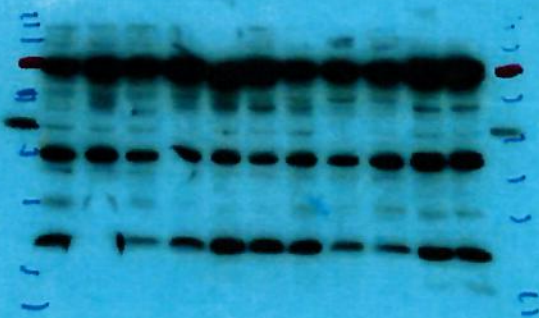
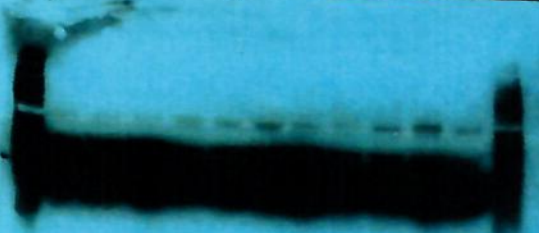
p27



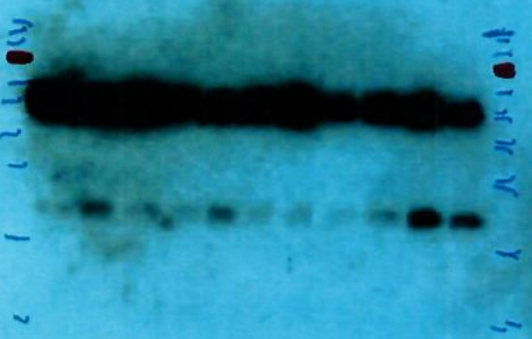
6 p27



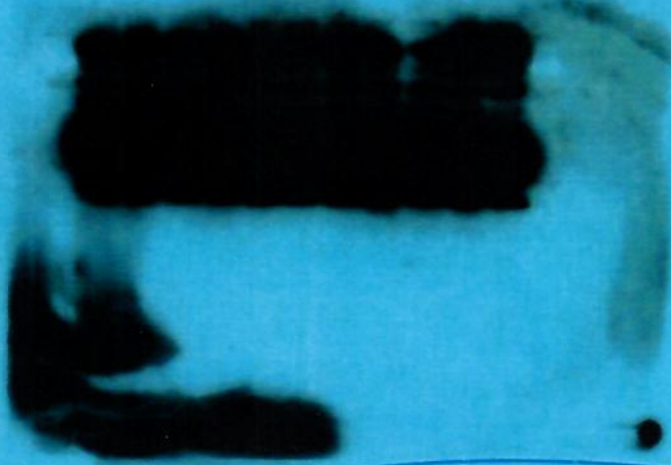




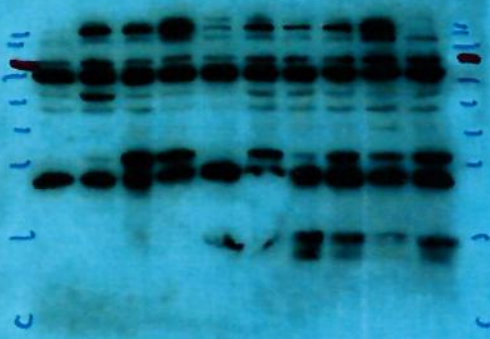
scr



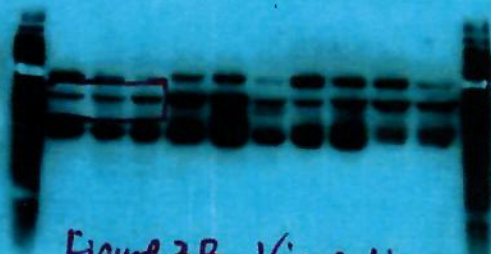
py



scr



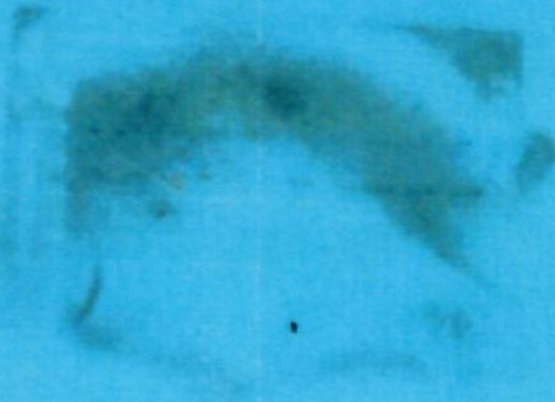
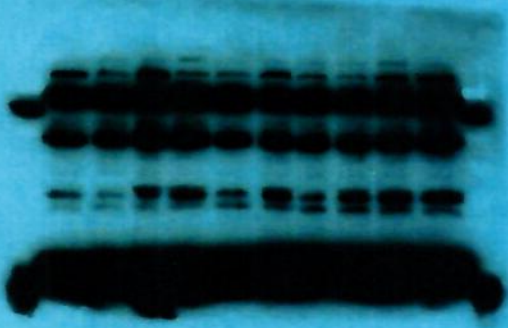
scr



HPV

← scr
← Vimentin
← CK19

Figure 3B Vimentin.



2/24/99

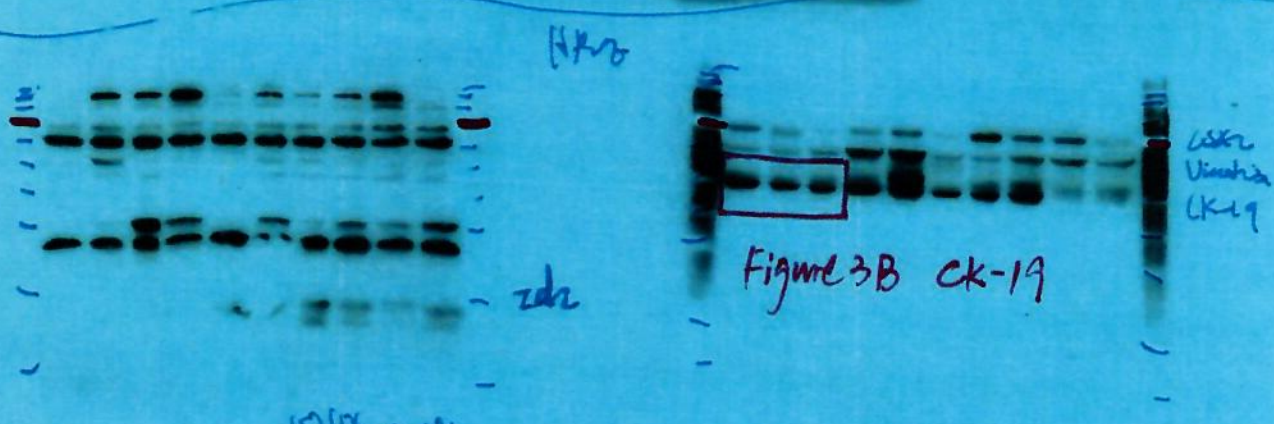
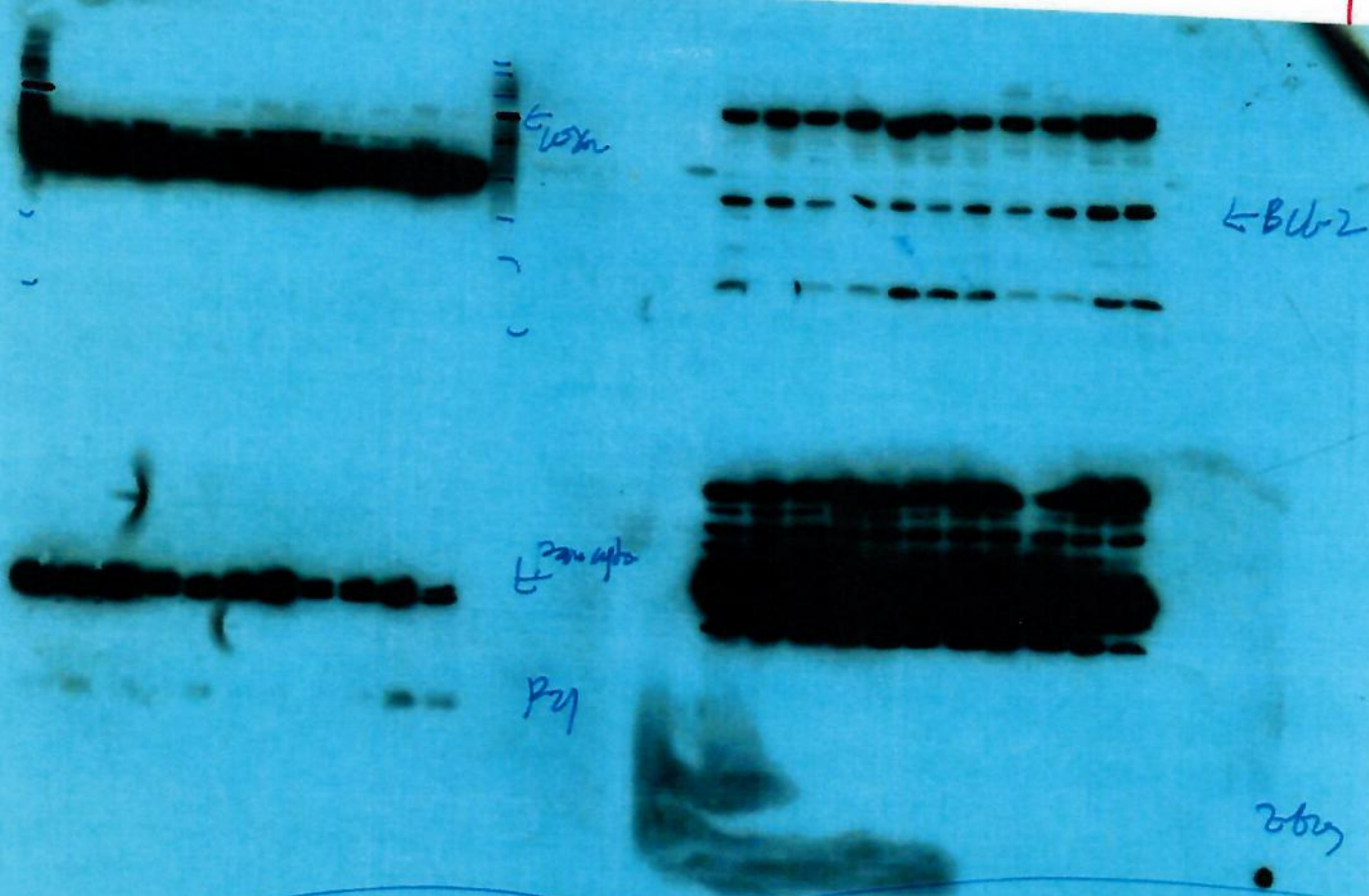
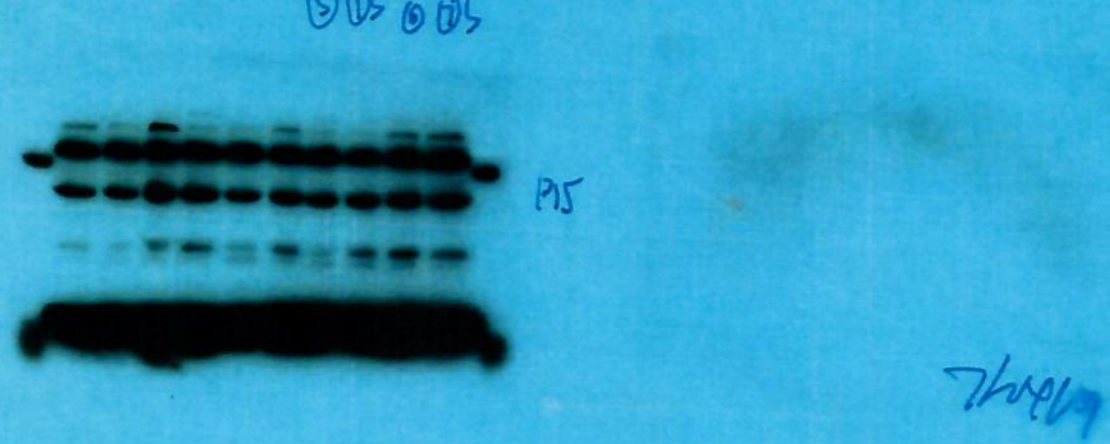


Figure 3B CK-19



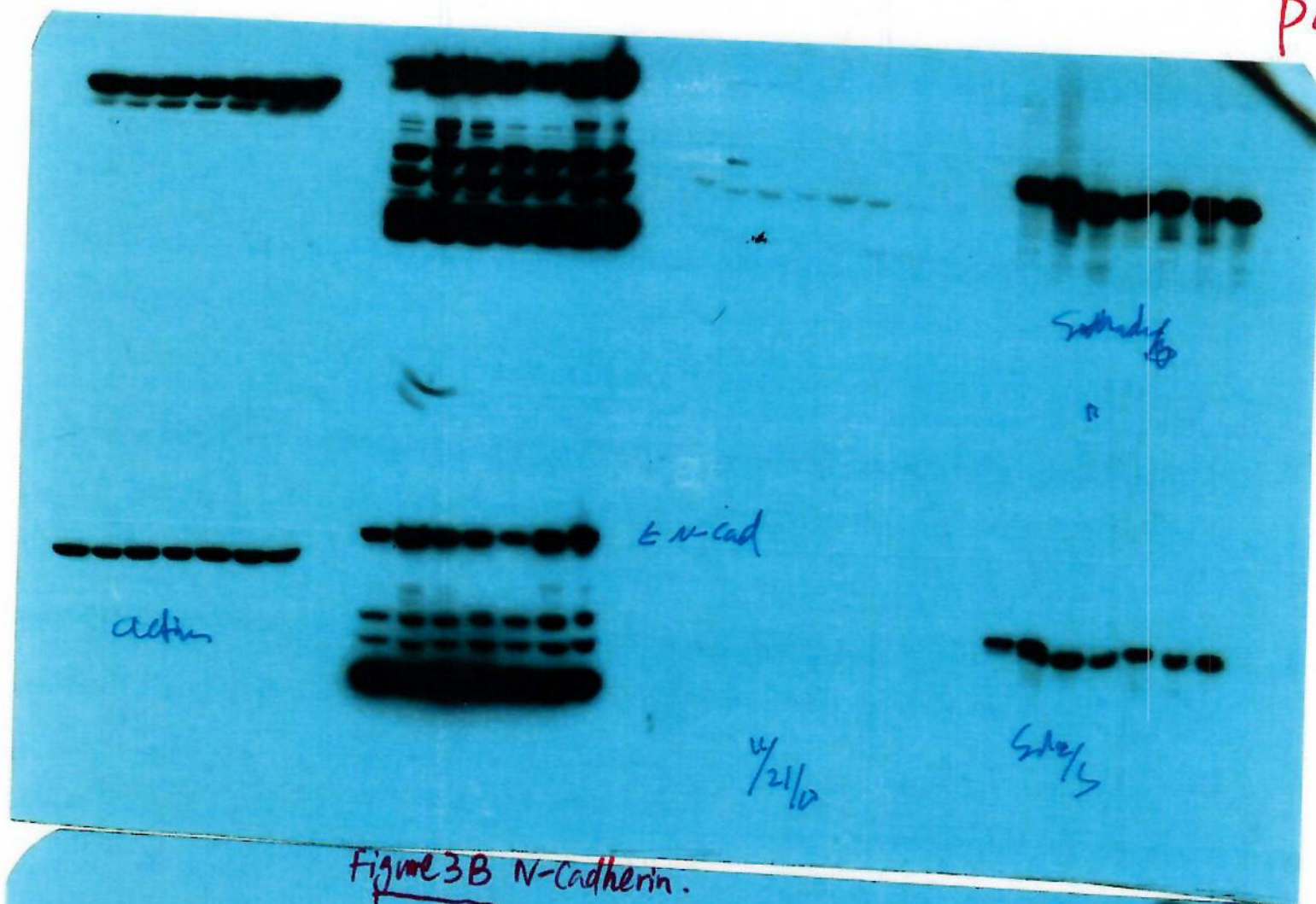
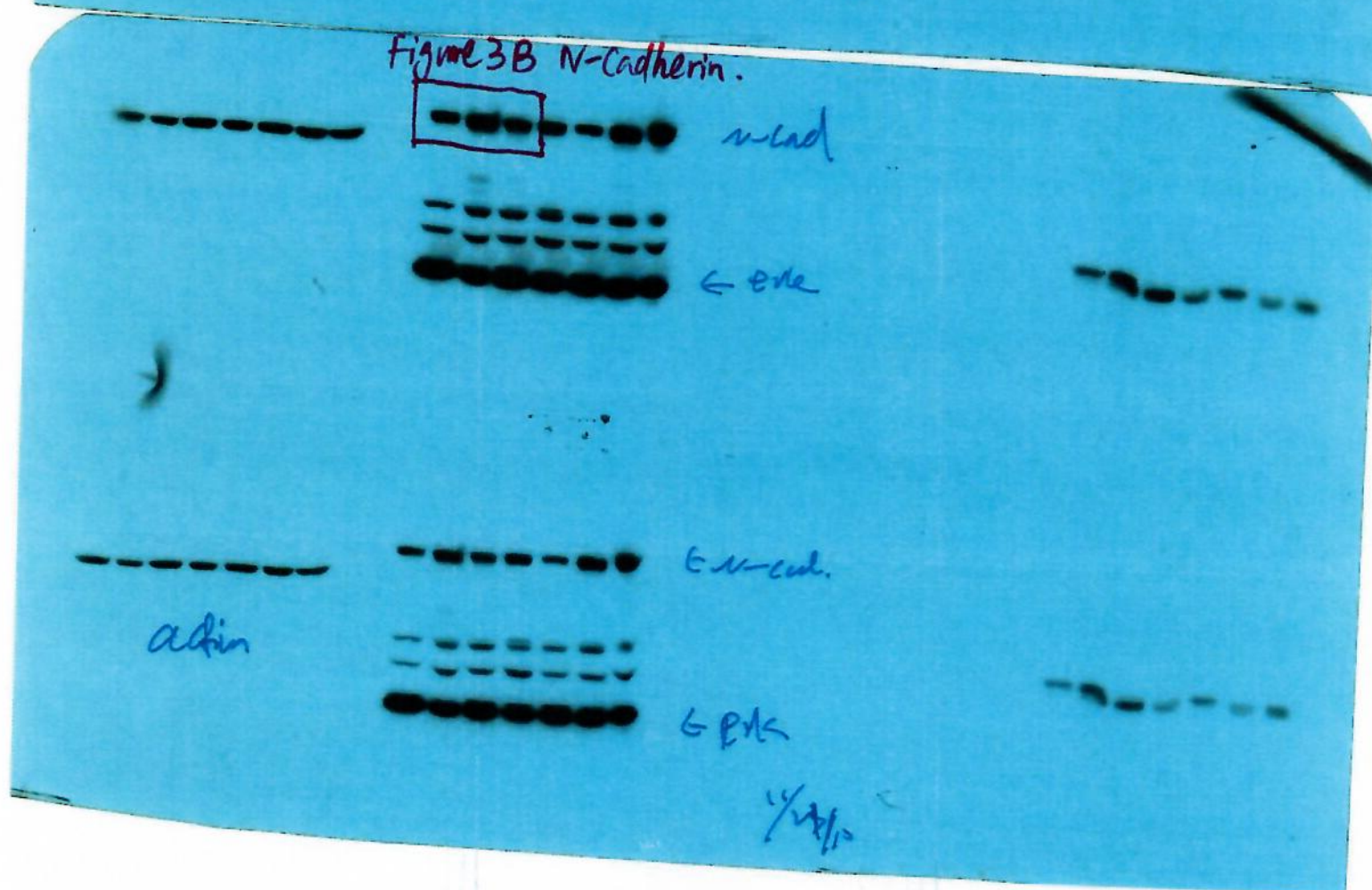
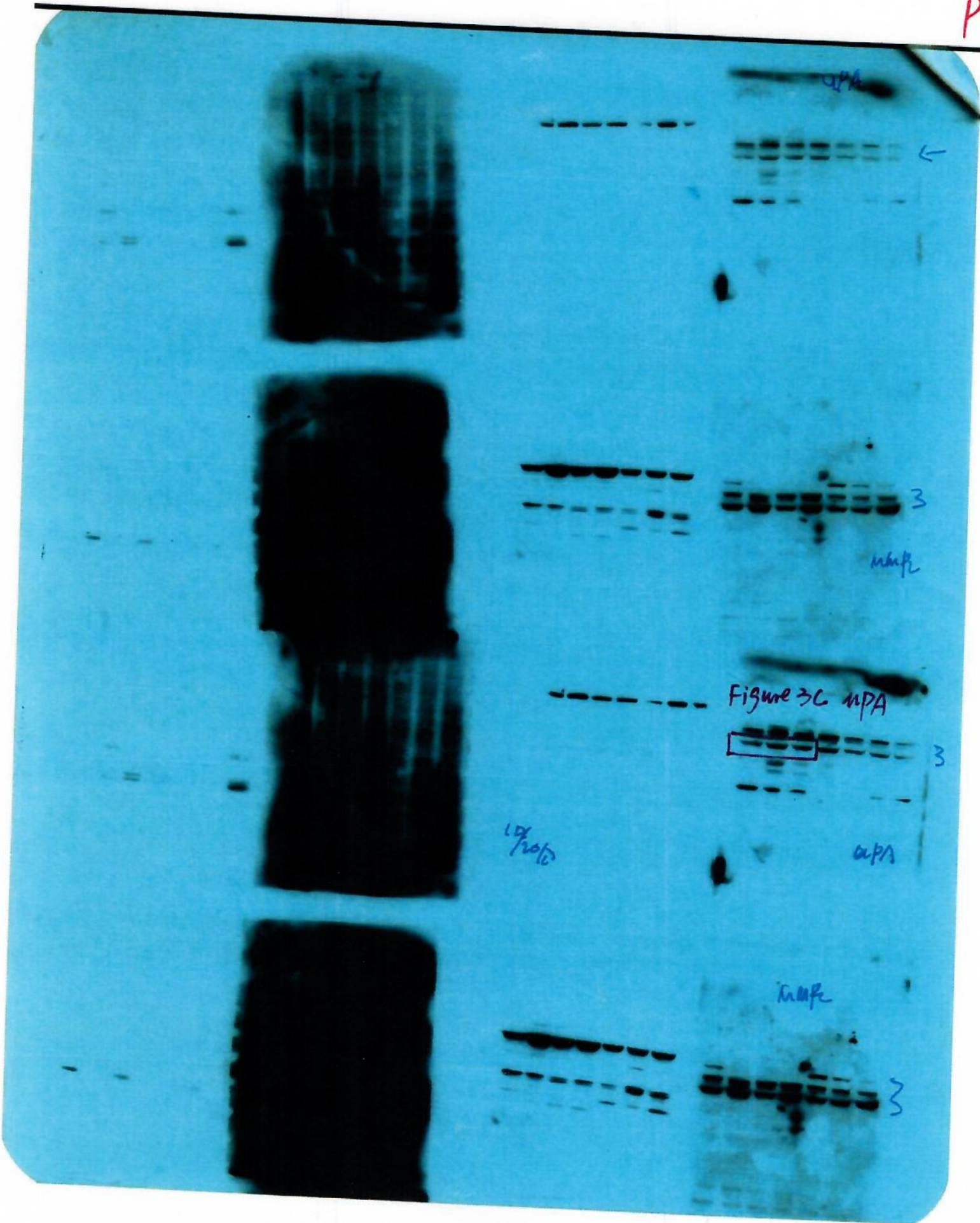


Figure 3B N-Cadherin.





12/8/10

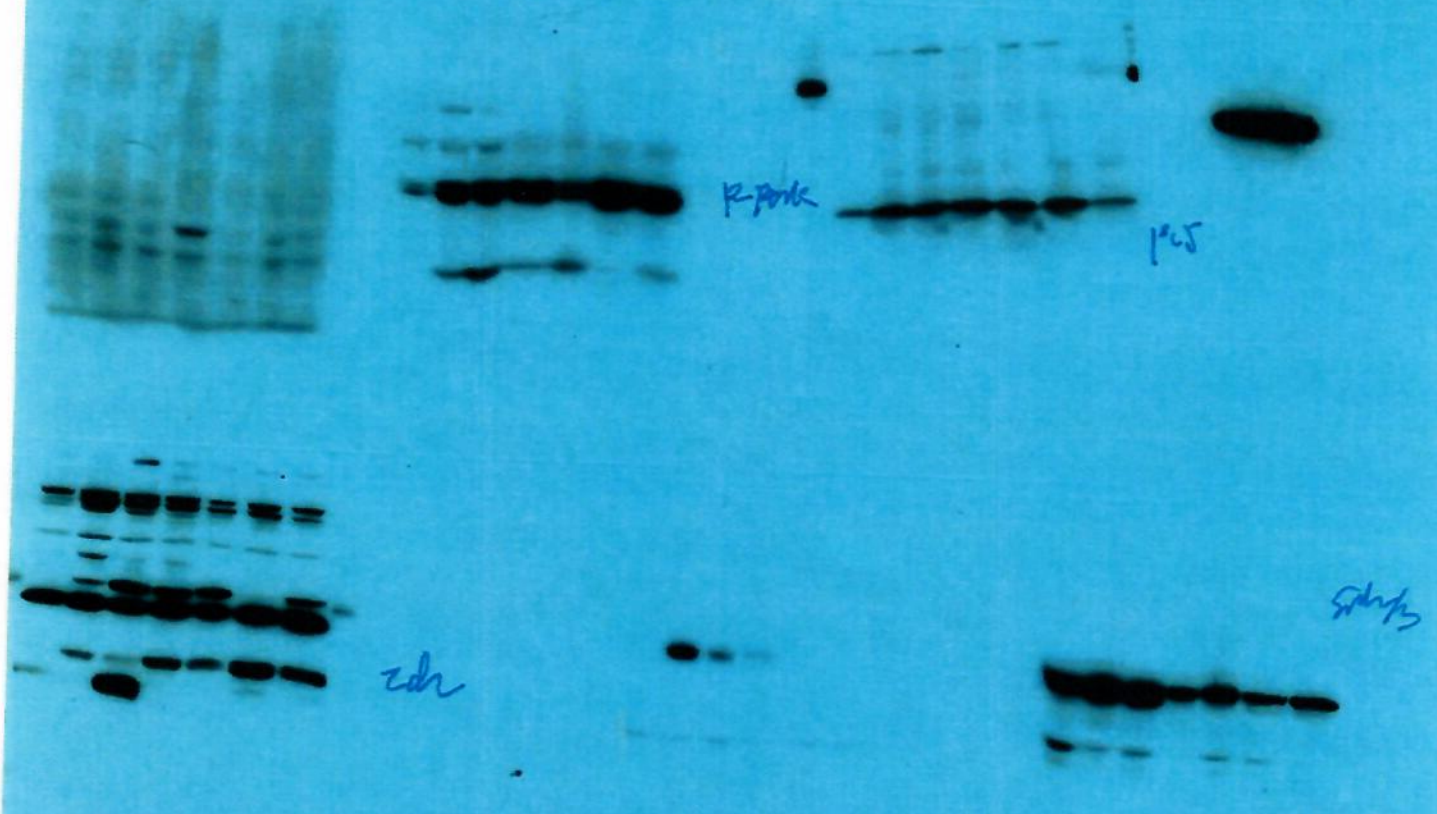
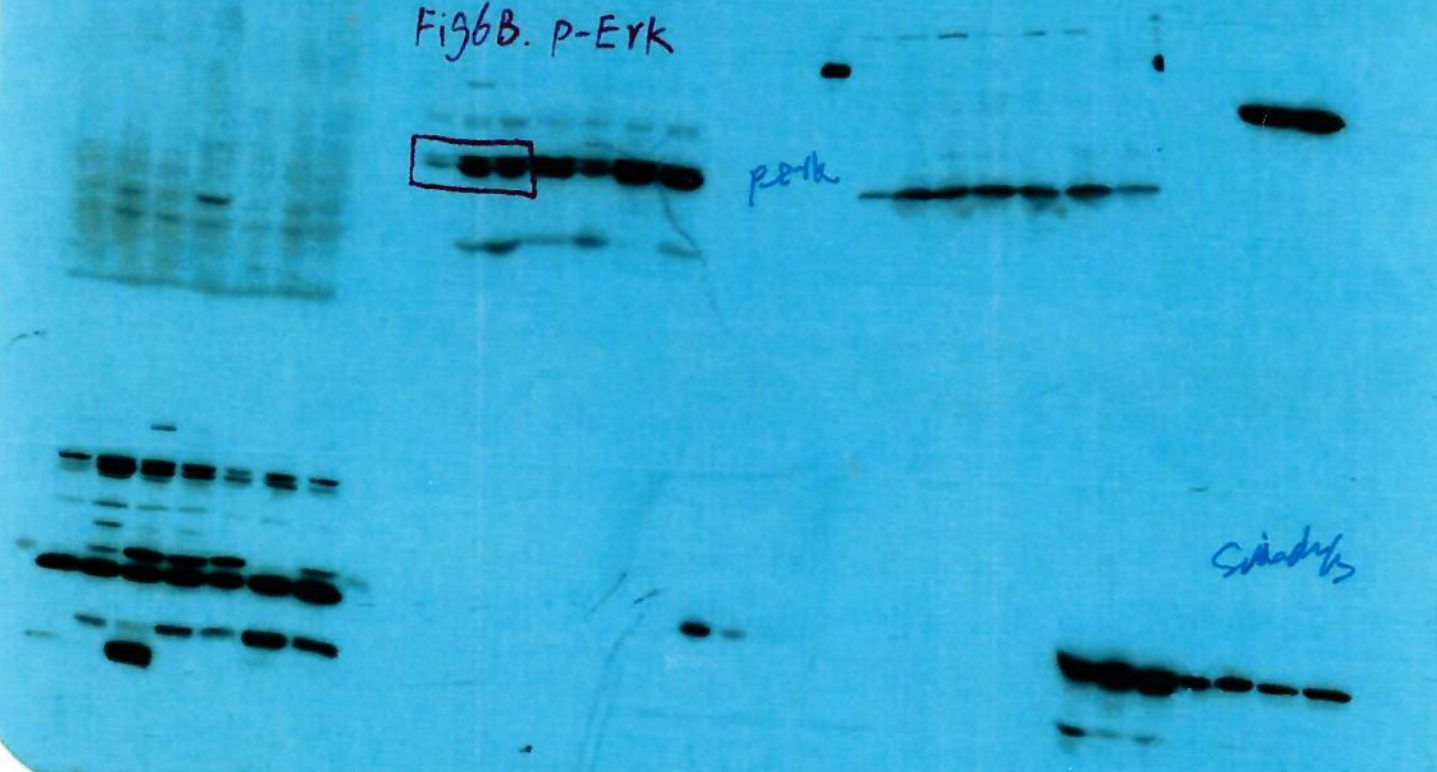
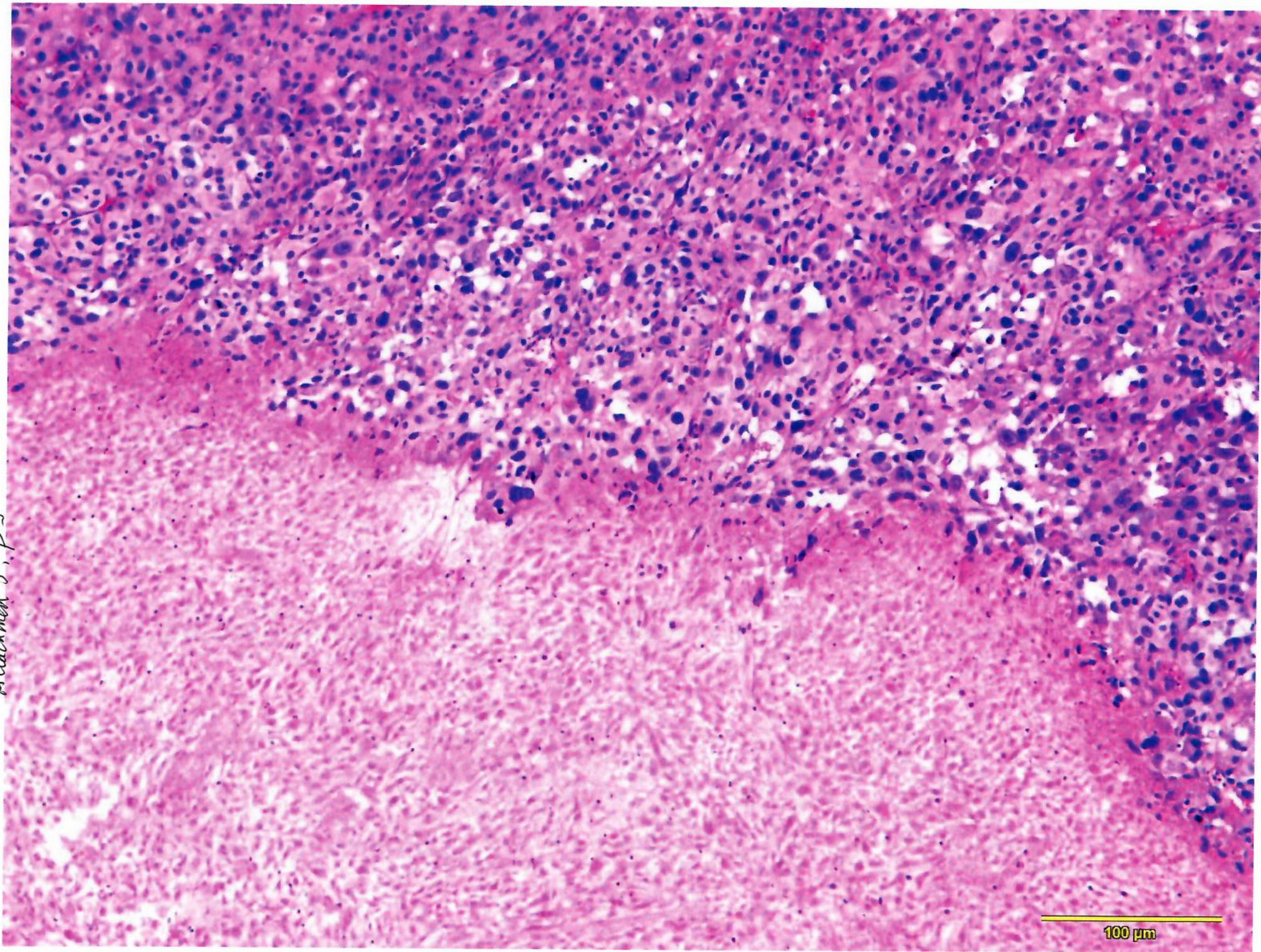


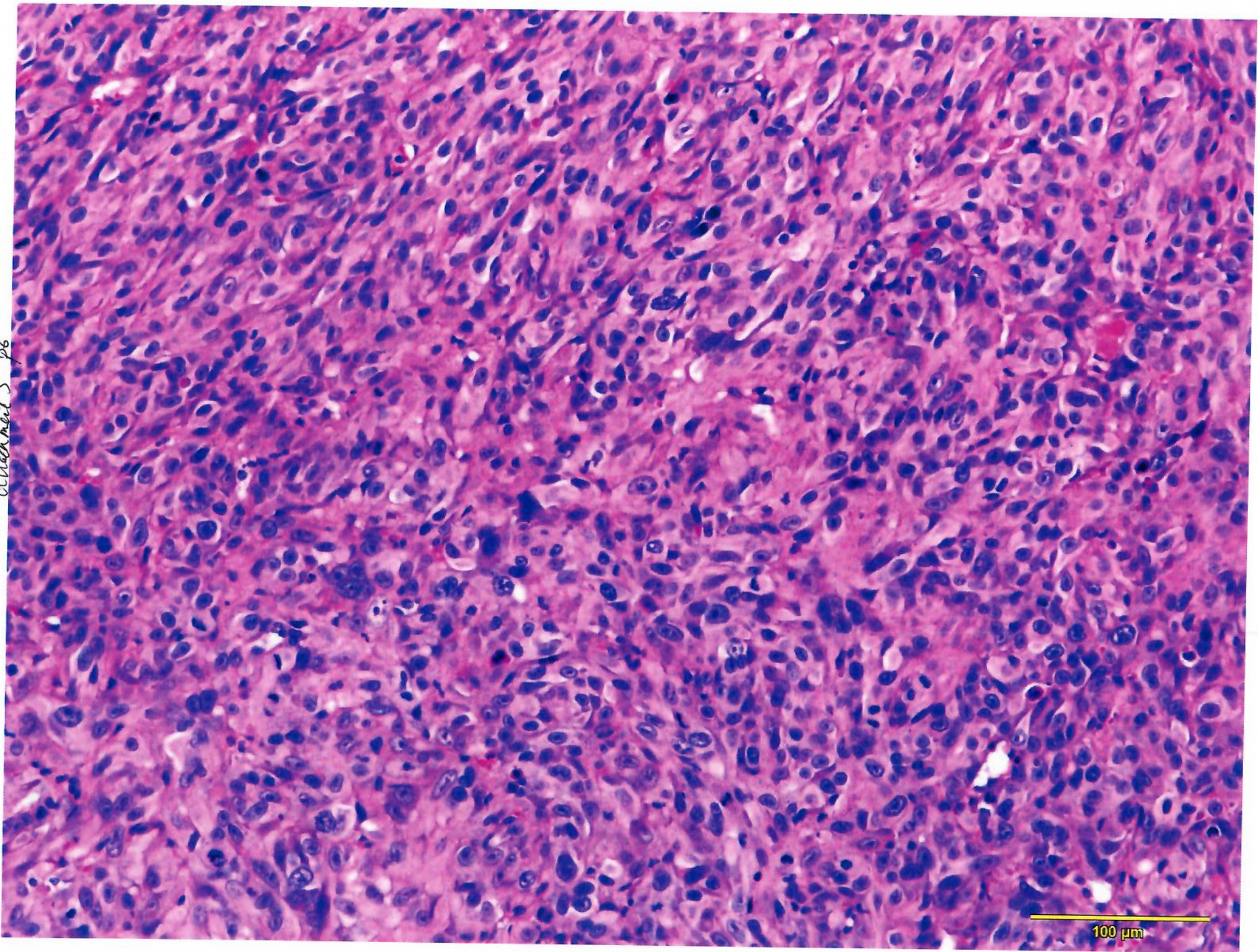
Fig6B. p-Erk





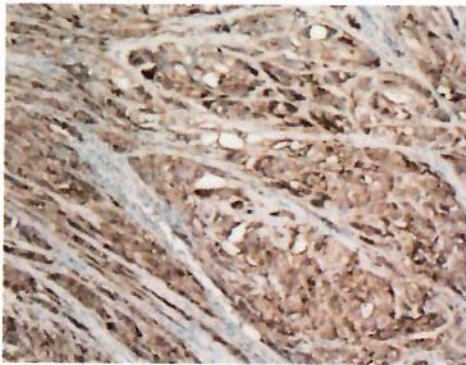
100 μm

Attachment 5 p6

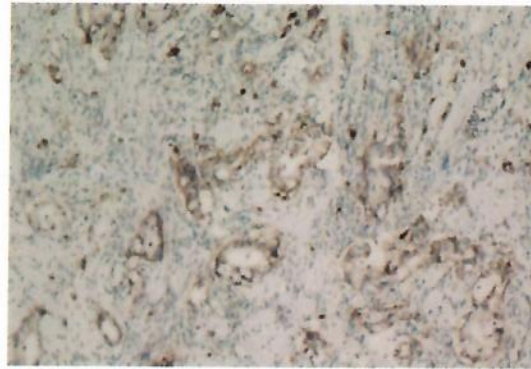


HER2

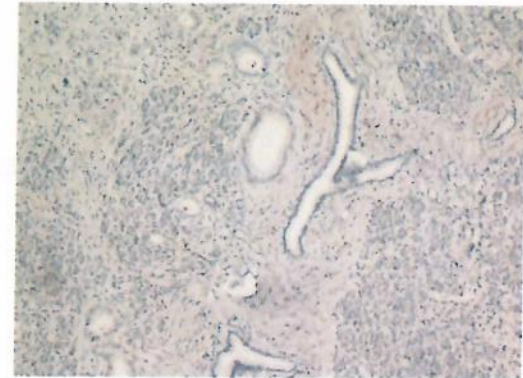
HPNE/K-ras/p16sh



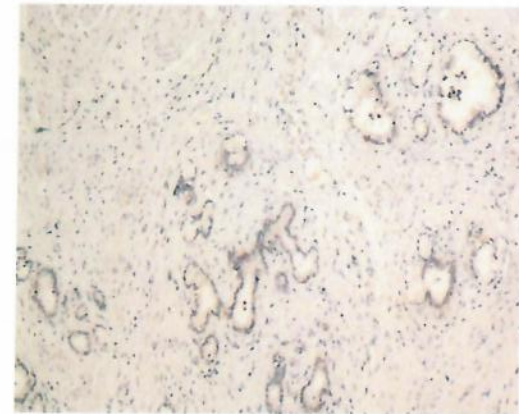
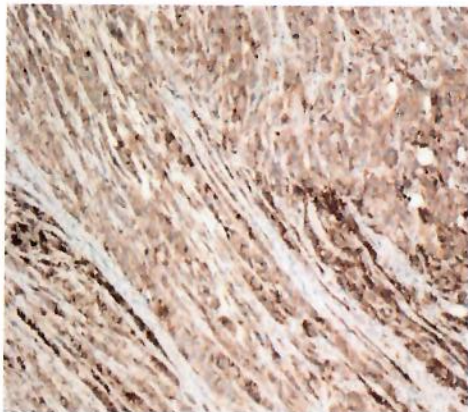
Human Pancreatic cancer



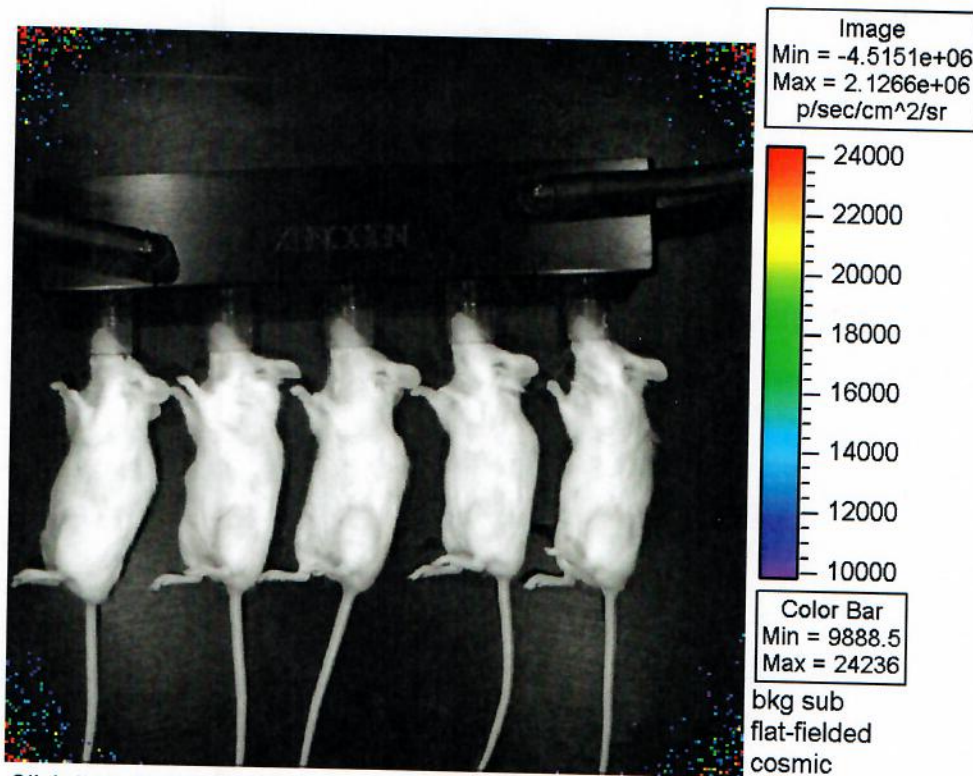
Normal Pancreatic Duct



EGFR



Attachment 5, P2

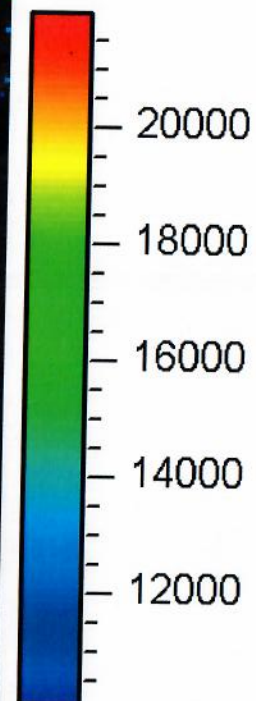


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Fri, Apr 09, 2010 16:58:53
Bin:M (8), FOV25, f1, 1m
Filter: Open
Camera: IVIS 13112, SI620EEV

Series: 2
Experiment:
Label: 111709
Comment: es
Analysis Comment:



Image
Min = -1.4178e+06
Max = 2.4816e+06
p/sec/cm²/sr



Color Bar
Min = 10157
Max = 21899

bkg sub
flat-fielded
cosmic

Attachment 5.p3

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Experiment:
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Comment: 9
Analysis Comment:

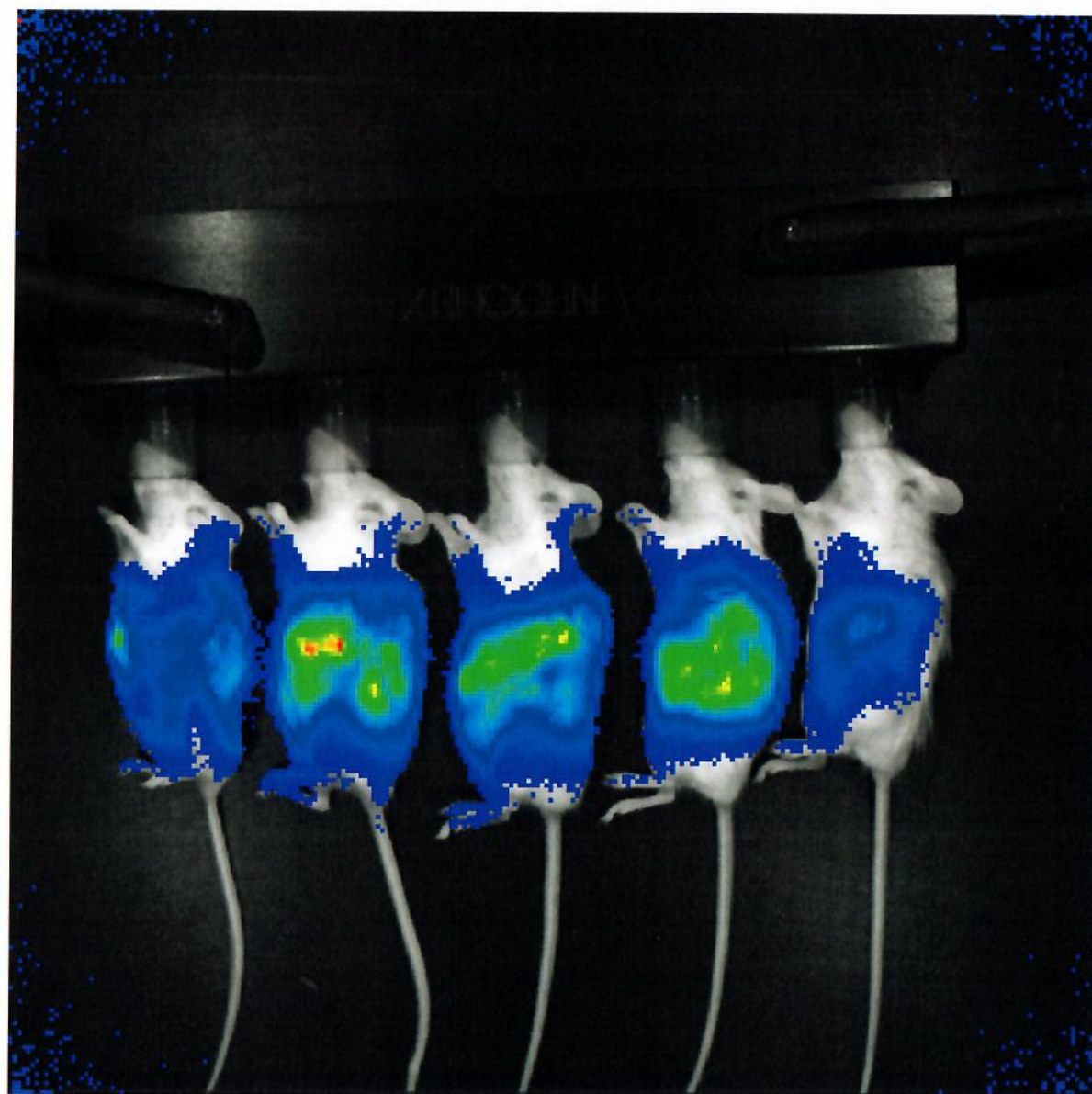
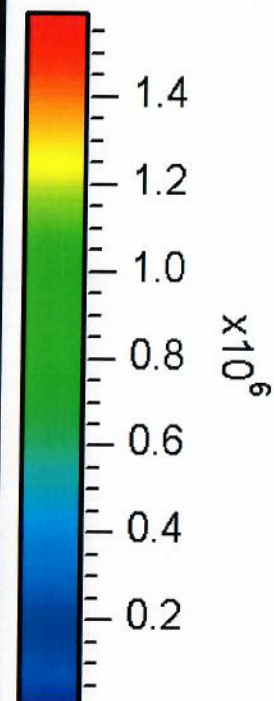


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p/sec/cm²/sr



Attenuation 5, P4

Color Bar
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bkg sub
flat-fielded
cosmic

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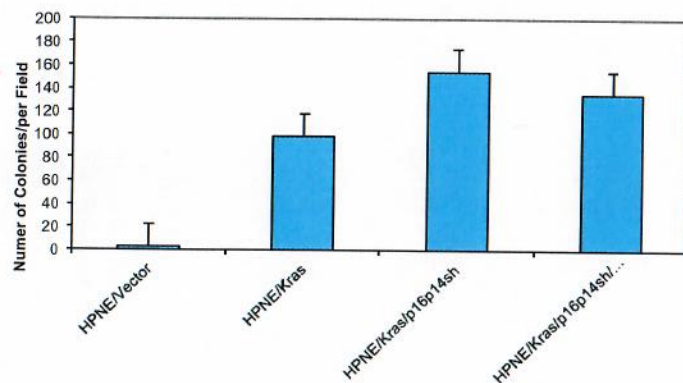
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Experiment:
Label: 111709
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Analysis Comment:

Attachment 3

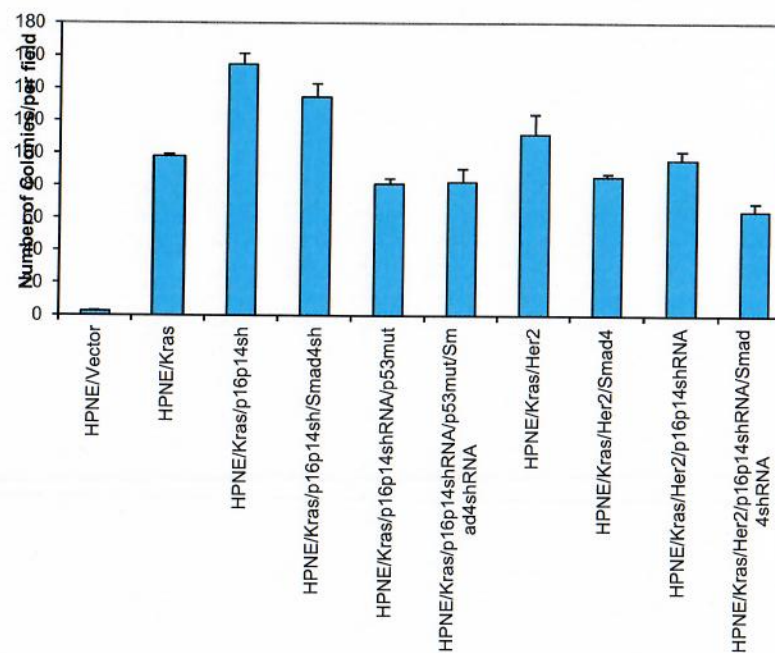
HPNE/Vect	HPNE/Kras	HPNE/Kras/p16i	HPNE/Kras/p16i	HPNE/Kras	HPNE/Kras	HPNE/Kras	HPNE/Kras	HPNE/Kras	HPNE/Kras/Her2/p16p14shRNA/Smad4shRNA
2	99	146	142	84	74	125	87	92	69
3	96	160	126	78	90	100	86	102	65
2	98	156	136	82	83	108	84	93	59
2	102	140	150						
HPNE/Vect	HPNE/Kras	HPNE/Kras/p16i	HPNE/Kras/p16i	HPNE/Kras	HPNE/Kras	HPNE/Kras	HPNE/Kras	HPNE/Kras	HPNE/Kras/Her2/p16p14shRNA/Smad4shRNA
2.333333	97.66667	154	134.666667	81.33333	82.33333	111	85.66667	95.66667	64.33333
0.57735	1.527525	7.211102551	8.082903769	3.05505	8.020806	12.76715	1.527525	5.507571	5.033223

3.68678E-06 0.001469222

Soft Agar Assay in HPNE Cell Lines

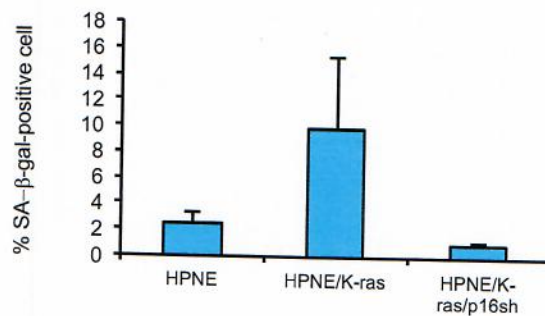


Soft Agar Assay in HPNE Cell Lines



HPNE	HPNE/K-ras				HPNE/K-ras/p16sh		
40	3200	3.2	190	15200	15.2	13	1040
42	3360	3.36	180	14400	14.4	10	800
28	2240	2.24	176	14080	14.08	15	1200
23	1840	1.84	100	8000	8	12	960
20	1600	1.6	60	4800	4.8	13	1040
31	2480	2.48	42	3360	3.36	11	880
21	1680	1.68	50	4000	4	17	1360
45	3600	3.6	100	8000	8	11	880

	2.5		8.98
	0.795128		4.92592
			0.002457
HPNE	HPNE/K-ras	HPNE/K-ras/p16sh	
2.5	9.77	1.02	
0.795128	5.589613	0.185164	



	HPNE	HPNE/K-ras	HPNE/K-ras/p16sh
1.04	0.032	0.152	0.0104
0.8	0.0336	0.144	0.008
1.2	0.0224	0.1408	0.012
0.96	0.0184	0.08	0.0096
1.04	0.016	0.048	0.0104
0.88	0.0248	0.0336	0.0088
1.36	0.0168	0.04	0.0136
0.88	0.036	0.08	0.0088
1.02		0.002457	0.001319
0.185164		0.00133	
0.001319			