Supplemental Material S1. Densitometry analysis of Western blots (band intensity normalized to loading control)

Fig. 1A

DRUG		Panobinostat			Droxinostat			Mocetinostat			LMK-235		
Time (h)	0	4	8	24	4	24	0	4	8	24	4	8	24
Cleaved PARP	1.0	1.1	2.1	12.5	1.2	2.5	1.0	0.9	0.7	10.4	1.0	0.2	20.6
Cleaved Caspase 7	1.0	1.0	0.9	10.6	1.2	1.2	1.0	1.4	1.3	13.0	1.0	1.3	27.9

Fig. 1C

Time (h)	Control	LMK-235	Mocetinostat	Gemcitabine	Moce + LMK	Moce + LMK + Gem
Cleaved PARP	1.0	3.0	0.8	1.5	6.2	11.3

Fig. 2A

	MiaPaCa-2	Capan-1	BxPc-3	Panc-1	CFPAC
HDAC1	1.0	1.0	1.8	0.9	0.9
HDAC2	1.0	0.8	1.3	0.7	0.8
HDAC3	1.0	1.1	1.3	0.5	0.6
HDAC4	1.0	0.5	1.8	2.2	2.0
HDAC5	1.0	1.1	2.1	1.4	0.7
HDAC6	1.0	1.0	1.5	1.0	0.7

Fig. 2B

MiaPaCa-2							
siRNA	Non-Targeting	HDAC1	HDAC2	HDAC3	HDAC4	HDAC5	HDAC6
HDAC1	1.0	0.2	1.4	1.3	1.4	1.4	1.4
HDAC2	1.0	1.2	0.3	1.0	1.0	1.0	1.0
HDAC3	1.0	1.2	1.0	0.2	1.5	1.1	0.9
HDAC4	1.0	1.4	1.0	1.3	0.3	1.7	1.3
HDAC5	1.0	1.1	1.2	1.1	1.1	0.4	1.1
HDAC6	1.0	1.1	1.0	1.4	1.4	1.3	0.5

Capan-1							
siRNA	Non-Targeting	HDAC1	HDAC2	HDAC3	HDAC4	HDAC5	HDAC6
HDAC1	1.0	0.1	2.0	2.0	1.7	1.6	1.3
HDAC2	1.0	1.9	0.2	1.5	1.4	1.2	1.4
HDAC3	1.0	1.1	1.2	0.2	1.2	1.0	1.1
HDAC4	1.0	0.9	0.9	1.3	0.3	1.3	0.9
HDAC5	1.0	1.1	1.1	1.3	1.2	0.1	1.0
HDAC6	1.0	1.2	1.0	1.1	1.1	1.0	0.1

Fig. 2C

MiaPaCa-2						
siRNA	Non-Targeting	HDAC1	HDAC2	HDAC3	HDAC1/2	HDAC1/2/3
HDAC1	1.0	0.05	0.9	0.8	0.1	0.1
HDAC2	1.0	1.1	0.1	1.0	0.33	0.27
HDAC3	1.0	1.2	1.2	0.2	1.4	0.2

Capan-1			
siRNA	Non-Targeting	HDAC6	HDAC4/5/6
HDAC4	1.0	0.8	0.1
HDAC5	1.0	0.8	0.2
HDAC6	1.0	0.1	0.2

Capan-1			
siRNA	Non-Targeting	HDAC1/2	HDAC1/2/6
HDAC1	1.0	0.1	0.2
HDAC2	1.0	0.2	0.2
HDAC6	1.0	1.1	0.1

Fig. 4Bi

Capan-1					
ACY-1215 (μM)	0	0.5	1.0	5.0	10
ac-α-Tubulin	1.0	29.0	42.3	43.7	43.9
ac- Histone 3	0.0	0.0	0.0	0.5	1.0

MiaPaCa-2					
ACY-1215 (μM)	0	0.5	1.0	5.0	10
ac-α-Tubulin	1	10.4	25.2	26.0	24.3
ac- Histone 3	0.0	0.0	0.3	0.7	1.0

Fig. 5Ai

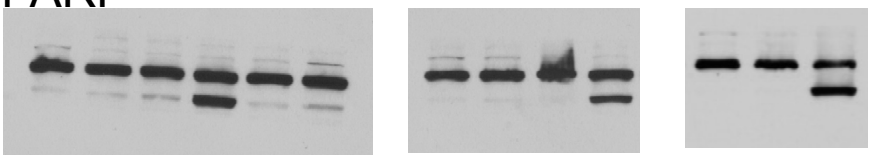
Capan-1				
	Control	Gem	Rom + ACY	Rom + ACY + Gem
Cleaved PARP	1.0	2.0	4.5	8.1
Cleaved Caspase 7	1.0	9.3	49.0	166.0

MiaPaca-2				
	Control	Gem	Rom + ACY	Rom + ACY + Gem
Cleaved PARP	1.0	2.0	15.0	27.1
Cleaved Caspase 7	1.0	2.5	48.7	88.0

Supplemental Material S2. Scans of Western blot films indicating the sizes of proteins covered

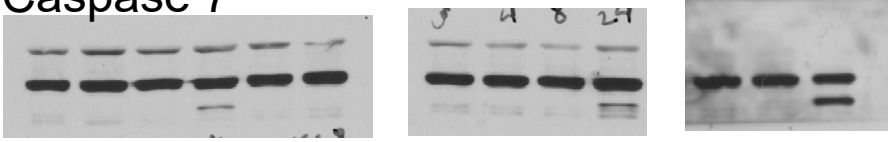
Fig. 1A

PARP



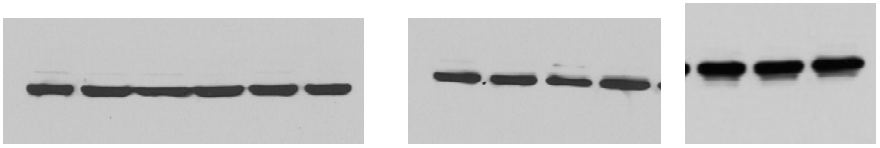
Blot was cut between 52 kDa and 72 kDa and between the 140 kDa and 260 kDa markers

Caspase 7



Blot was cut between 52 kDa and 42 kDa and at the 26 kDa marker

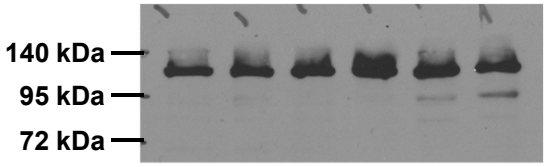
GAPDH



Blot was cut between 52 kDa and 42 kDa and between 35 kDa and 26 kDa markers

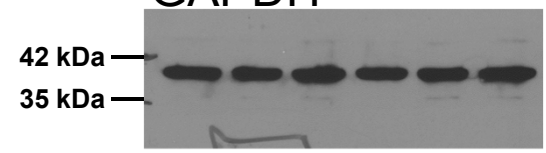
Fig. 1C

PARP



Blot was cut between 52 kDa and 72 kDa and between the 140 kDa and 260 kDa marker

GAPDH



Blot was cut between 52 kDa and 42 kDa and between 35 kDa and 26 kDa markers

Fig. 2A

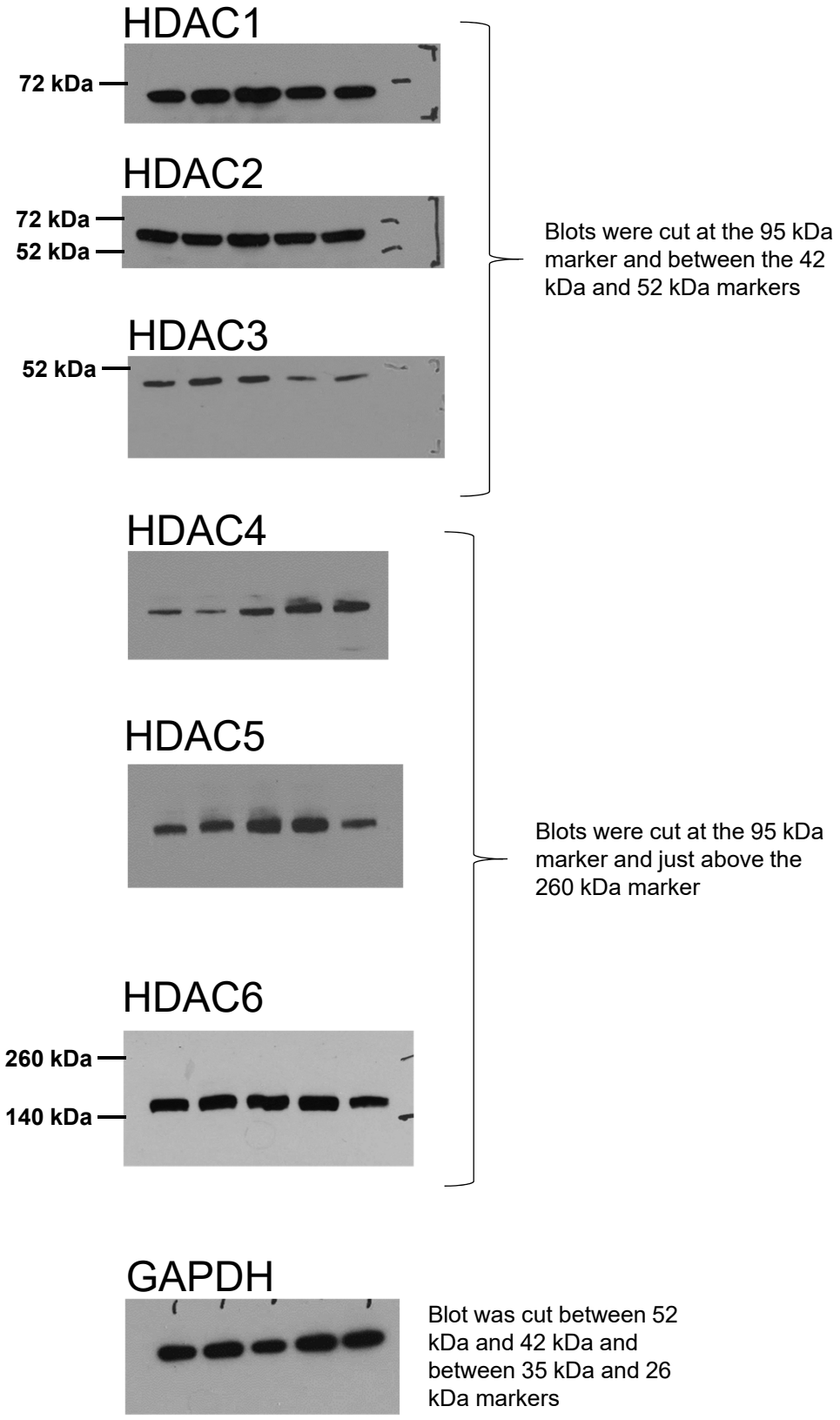

HDAC1
72 kDa
HDAC2
72 kDa
52 kDa
HDAC3
52 kDa
Blots were cut at the 95 kDa marker and between the 42 kDa and 52 kDa markers
HDAC4
HDAC5
Blots were cut at the 95 kDa marker and just above the 260 kDa marker
HDAC6
260 kDa
140 kDa
GAPDH
Blot was cut between 52 kDa and 42 kDa and between 35 kDa and 26 kDa markers

Fig. 2Bi

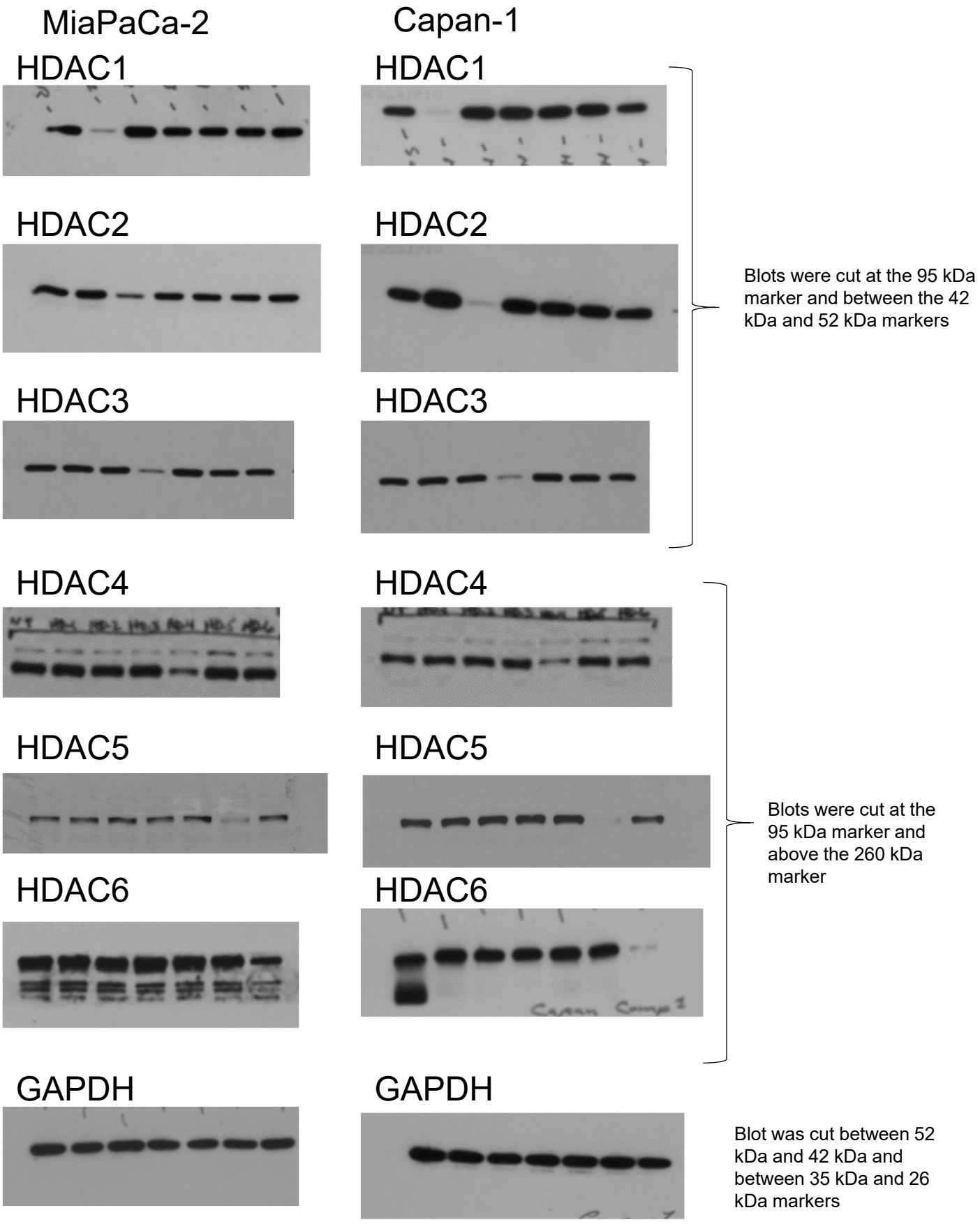
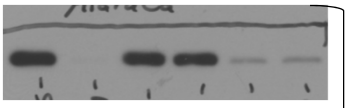

MiaPaCa-2
Capan-1
HDAC1
HDAC1
HDAC2
HDAC2
HDAC3
HDAC3
HDAC4
HDAC4
HDAC5
HDAC5
HDAC6
HDAC6
GAPDH
GAPDH
Blots were cut at the 95 kDa marker and between the 42 kDa and 52 kDa markers
Blots were cut at the 95 kDa marker and above the 260 kDa marker
Blot was cut between 52 kDa and 42 kDa and between 35 kDa and 26 kDa markers

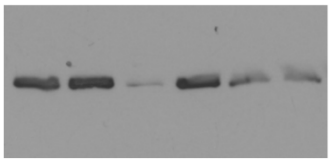
Fig. 2Bii

MiaPaCa-2

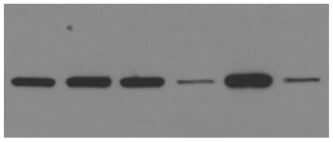
HDAC1



HDAC2

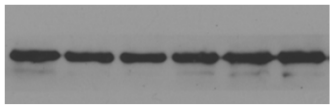


HDAC3



Blots were cut at the 95 kDa marker and at, or just below, the 52 kDa marker

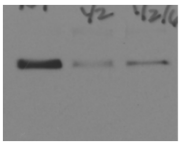
GAPDH



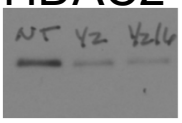
Blot was cut between 52 kDa and 42 kDa and between 35 kDa and 26 kDa markers

Capan-1

HDAC1

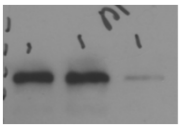


HDAC2



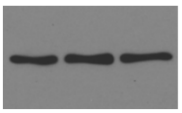
Blots were cut at the 95 kDa marker and at, or just below, the 52 kDa marker

HDAC6



Blot was cut at the 95 kDa marker and above the 260 kDa marker

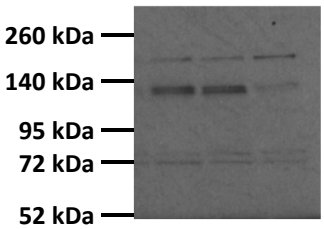
GAPDH



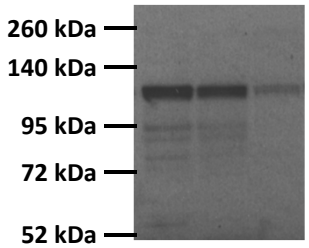
Blot was cut between 52 kDa and 42 kDa and between 35 kDa and 26 kDa markers

Capan-1

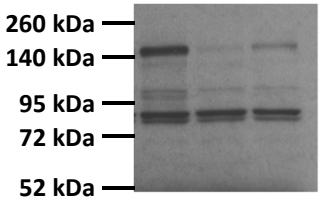
HDAC4



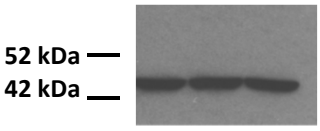
HDAC5



HDAC6



β-actin



Blots were cut between the 42 kDa and 52 kDa markers

Fig. 4B

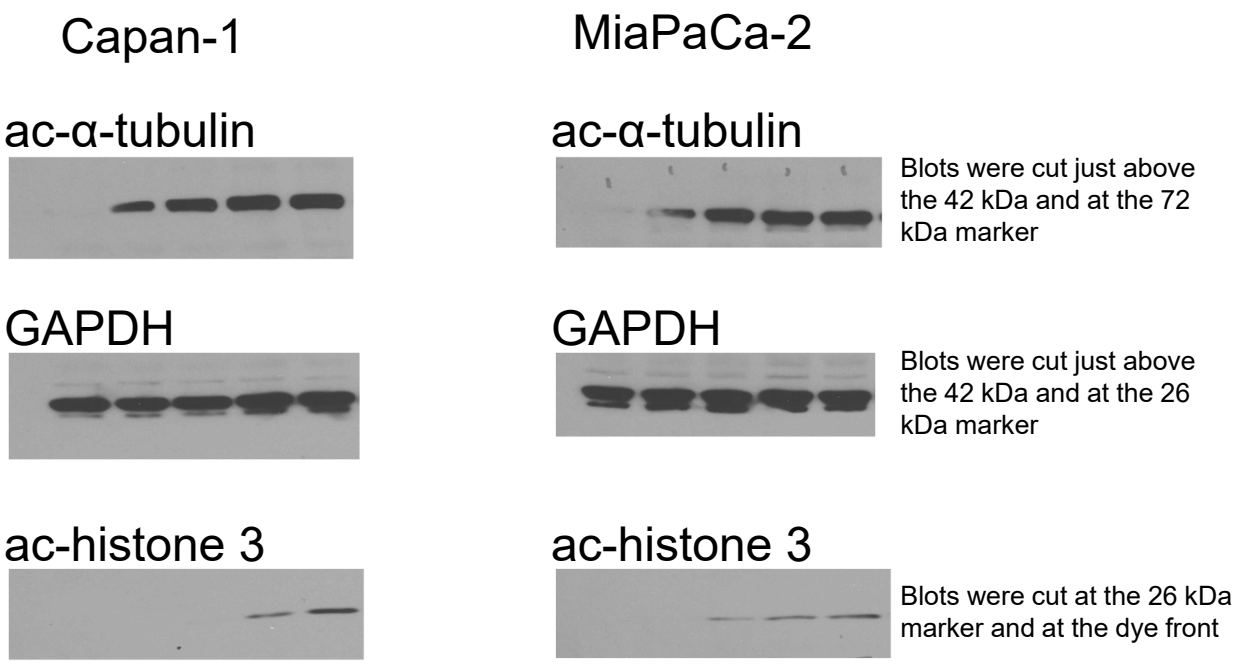
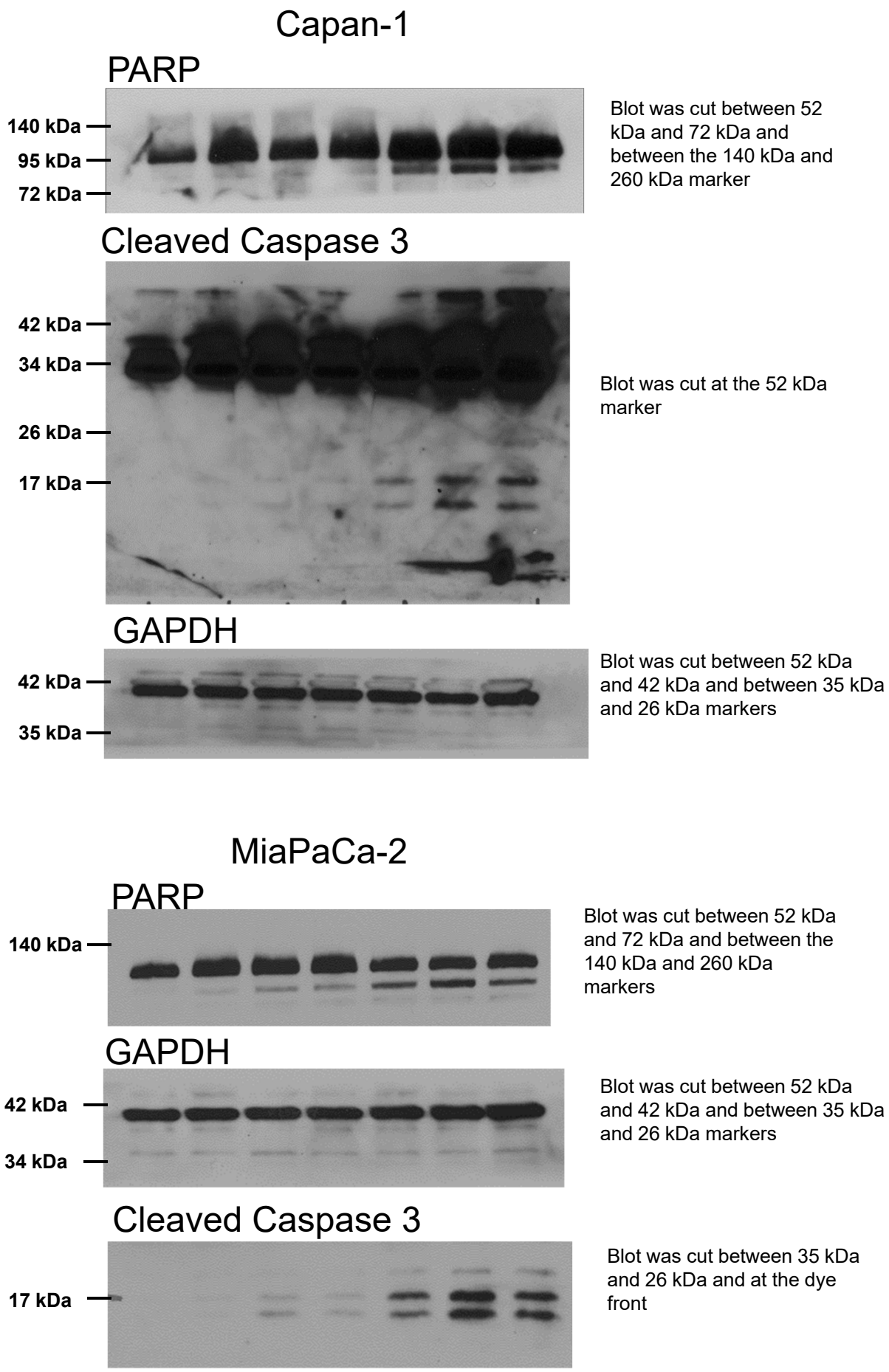

Capan-1
MiaPaCa-2
ac-α-tubulin
ac-α-tubulin
Blots were cut just above the 42 kDa and at the 72 kDa marker
GAPDH
GAPDH
Blots were cut just above the 42 kDa and at the 26 kDa marker
ac-histone 3
ac-histone 3
Blots were cut at the 26 kDa marker and at the dye front

Fig. 5A


Capan-1
PARP
140 kDa
95 kDa
72 kDa
Blot was cut between 52 kDa and 72 kDa and between the 140 kDa and 260 kDa marker
Cleaved Caspase 3
42 kDa
34 kDa
26 kDa
17 kDa
Blot was cut at the 52 kDa marker
GAPDH
42 kDa
35 kDa
Blot was cut between 52 kDa and 42 kDa and between 35 kDa and 26 kDa markers
MiaPaCa-2
PARP
140 kDa
Blot was cut between 52 kDa and 72 kDa and between the 140 kDa and 260 kDa markers
GAPDH
42 kDa
34 kDa
Blot was cut between 52 kDa and 42 kDa and between 35 kDa and 26 kDa markers
Cleaved Caspase 3
17 kDa
Blot was cut between 35 kDa and 26 kDa and at the dye front