

Full Uncropped Western Blots

for

siRNA treatment targeting integrin α 11 overexpressed via EZH2-driven axis inhibits
drug-resistant breast cancer progression

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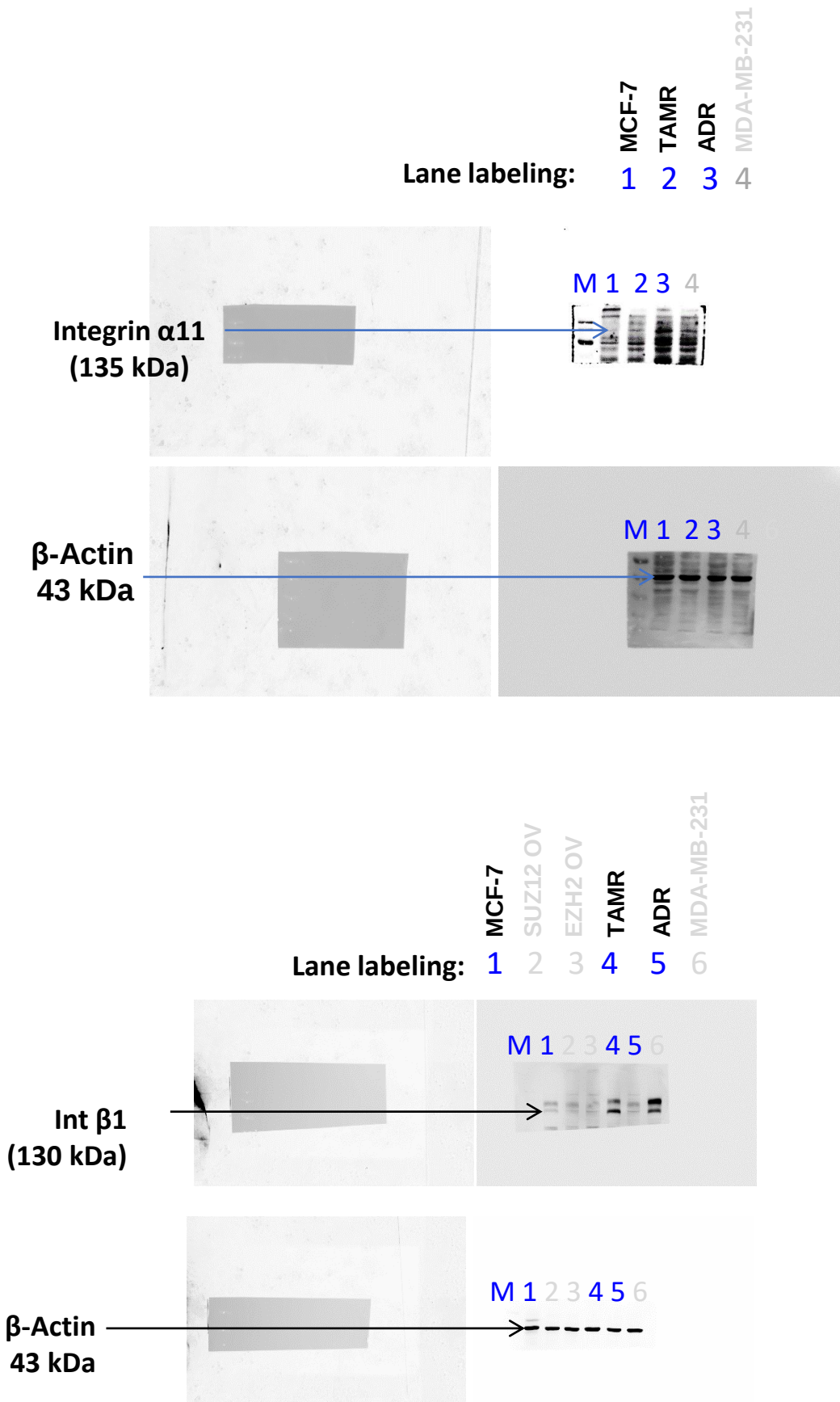
Jung-Ae Kim, Ph.D., College of Pharmacy,

Yeungnam University, Gyeongsan 38541, Republic of Korea;

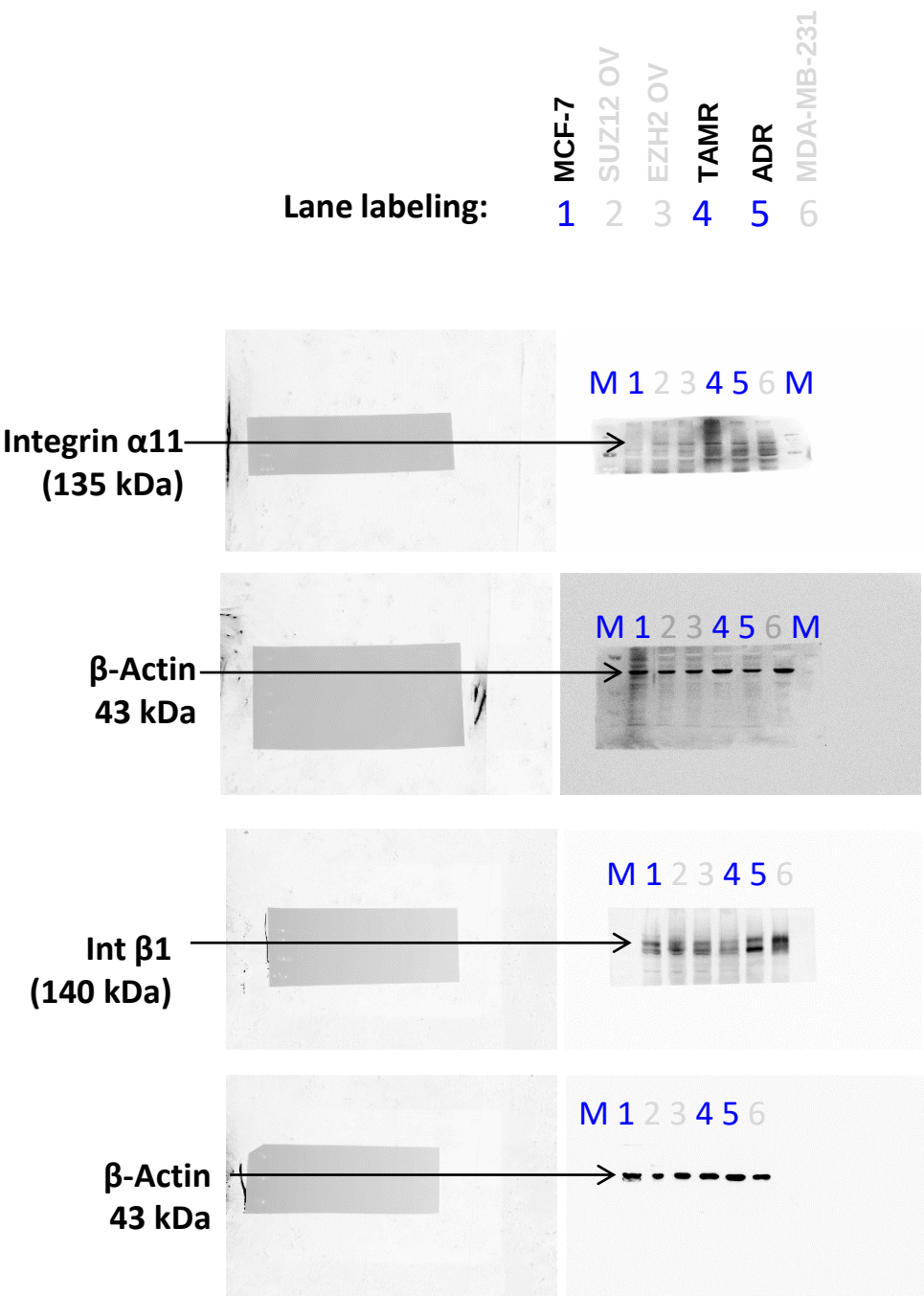
Phone: +82-53-810-2816; Fax: +82-53-810-4654; E-mail: jakim@yu.ac.kr

Fig. 1H

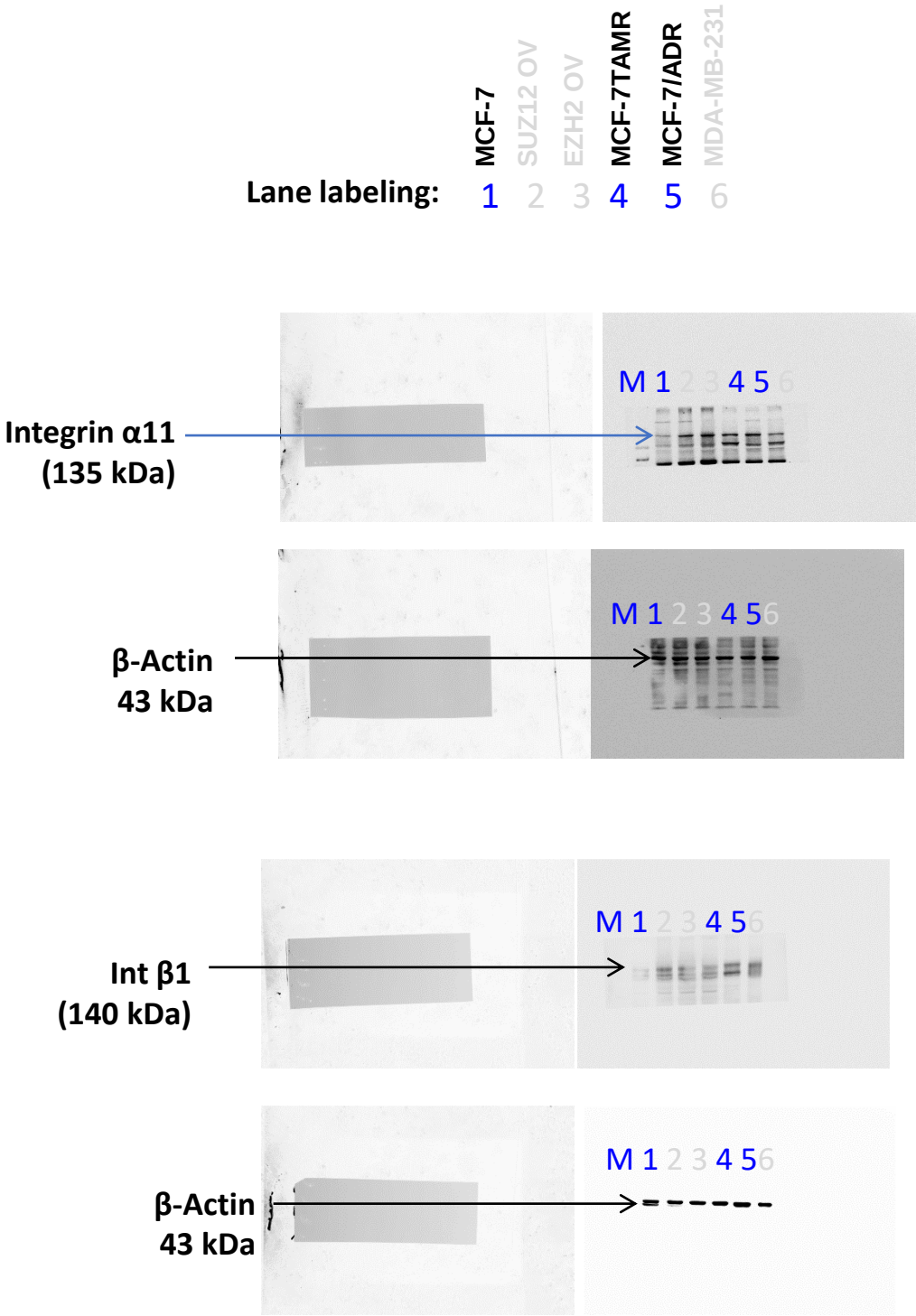
SET-I



SET-II



SET-III



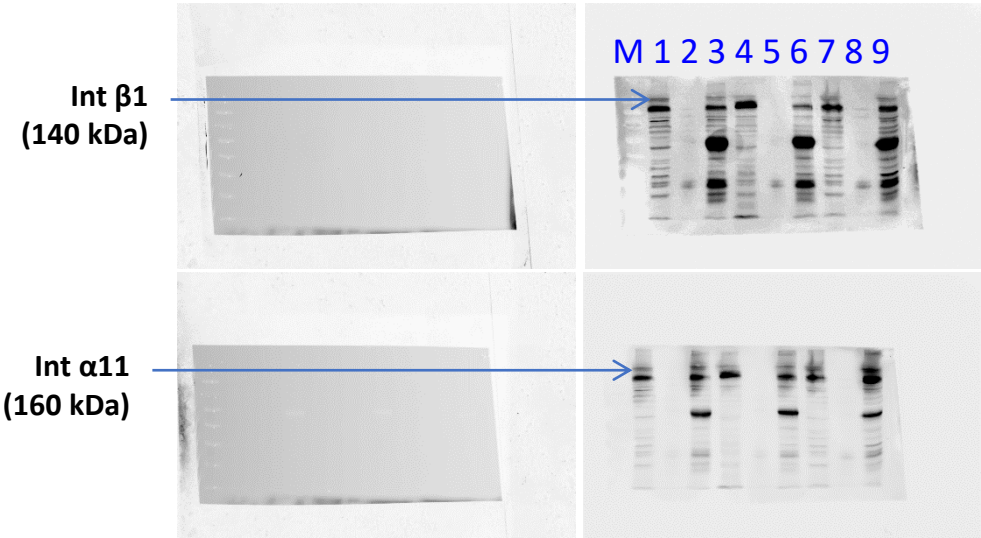
M represents Protein Ladder for molecular weight marking.

Fig. 1I

SET-I

IP: Integrin $\alpha 11$

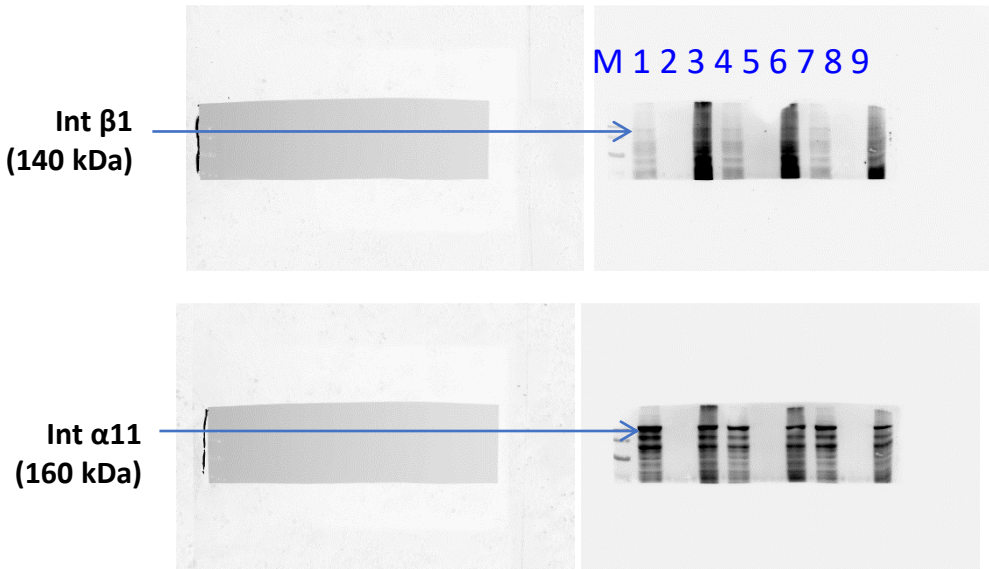
	MCF-7/TAMR			MCF-7/ADR			MCF-7-EZH2 OV		
	Input	IgG	IP	Input	IgG	IP	Input	IgG	IP
Lane labeling:	1	2	3	4	5	6	7	8	9



SET-II

IP: Integrin $\alpha 11$

	MCF-7/TAMR			MCF-7/ADR			MCF-7-EZH2 OV		
	Input	IgG	IP	Input	IgG	IP	Input	IgG	IP
Lane labeling:	1	2	3	4	5	6	7	8	9



SET-III

IP: Integrin $\alpha 11$

	MCF-7/TAMR			MCF-7/ADR			MCF-7-EZH2 OV		
	Input	IgG	IP	Input	IgG	IP	Input	IgG	IP
Lane labeling:	1	2	3	4	5	6	7	8	9

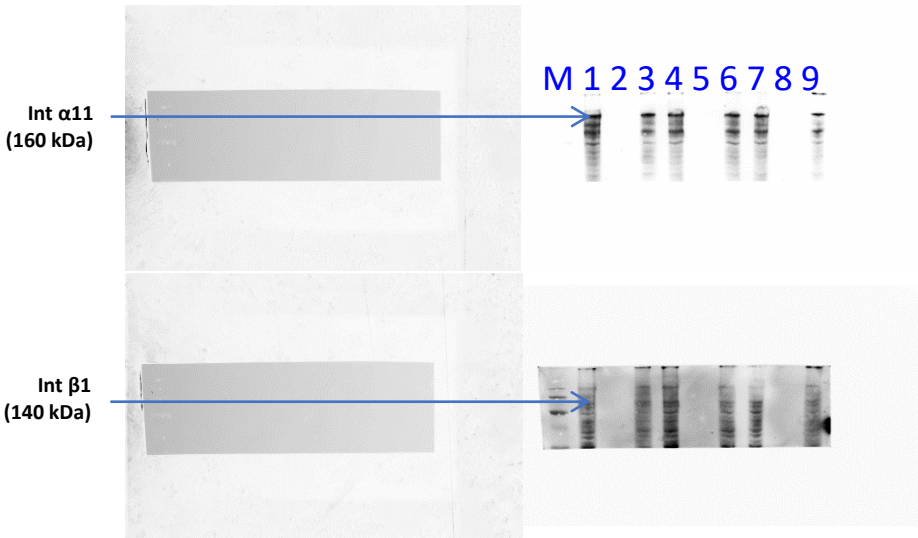
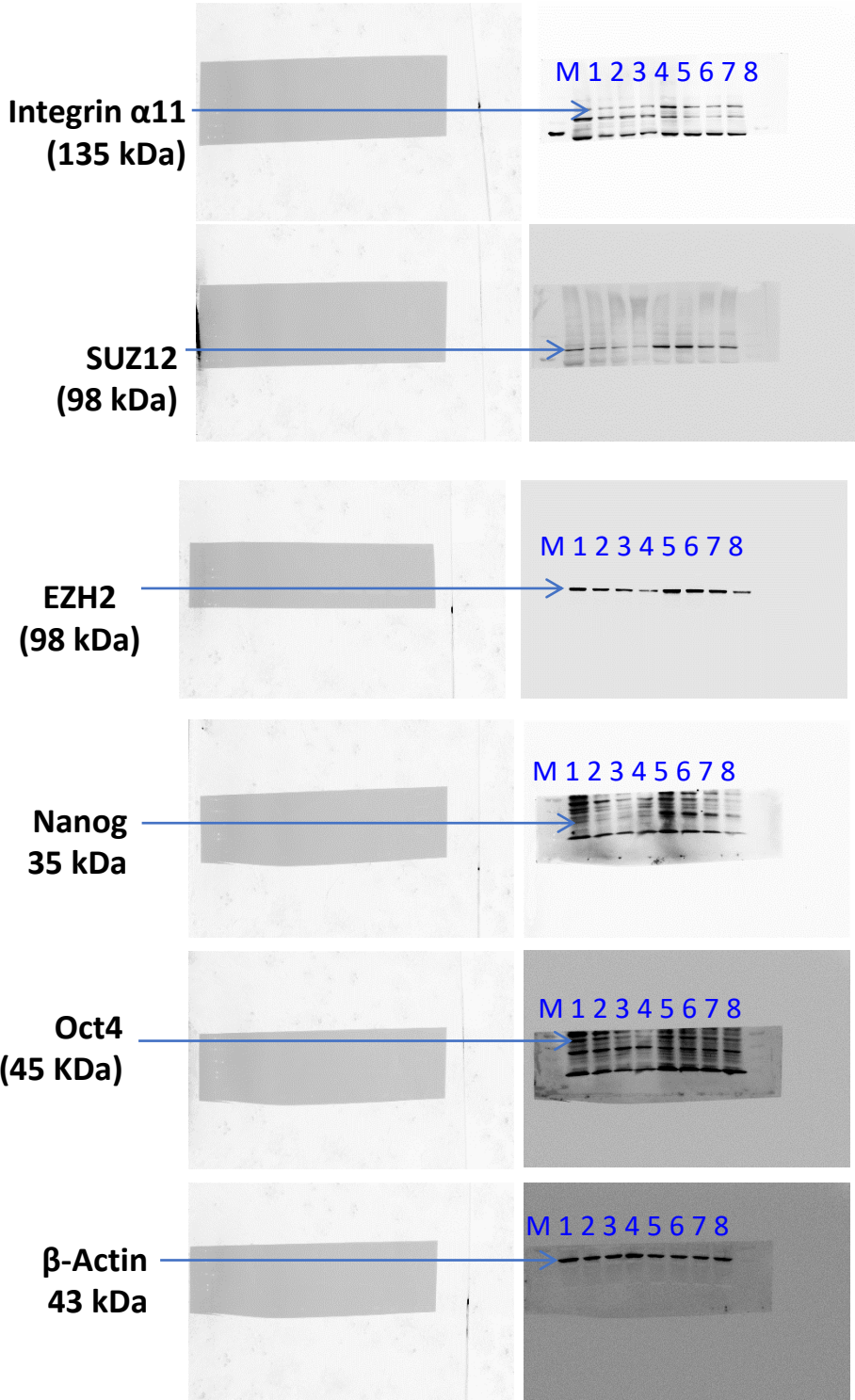
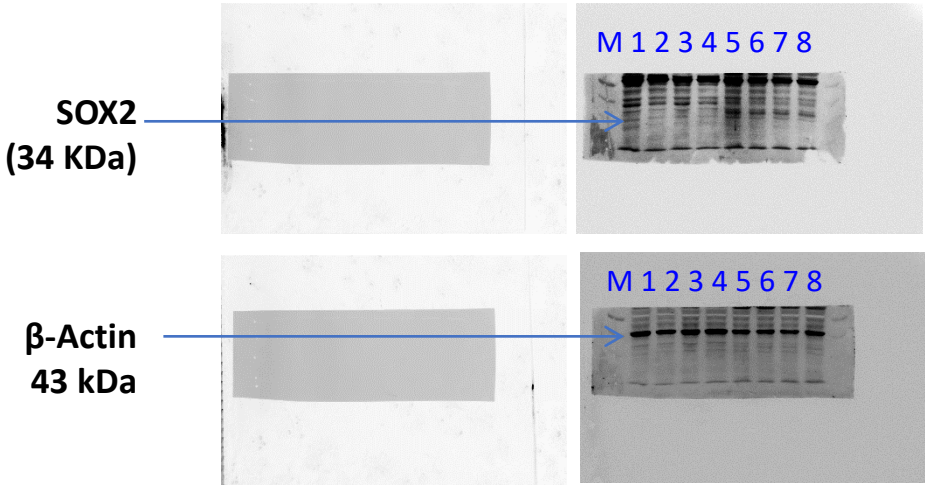


Fig. 2F

SET-I



	MCF-7/ADR				MCF-7/TAMR			
siNT	+	-	-	-	+	-	-	-
siITGA11	-	+	-	-	-	+	-	-
siSUZ12	-	-	+	-	-	-	+	-
siEZH2	-	-	-	+	-	-	-	+
Lane labeling:	1	2	3	4	5	6	7	8



SET-II

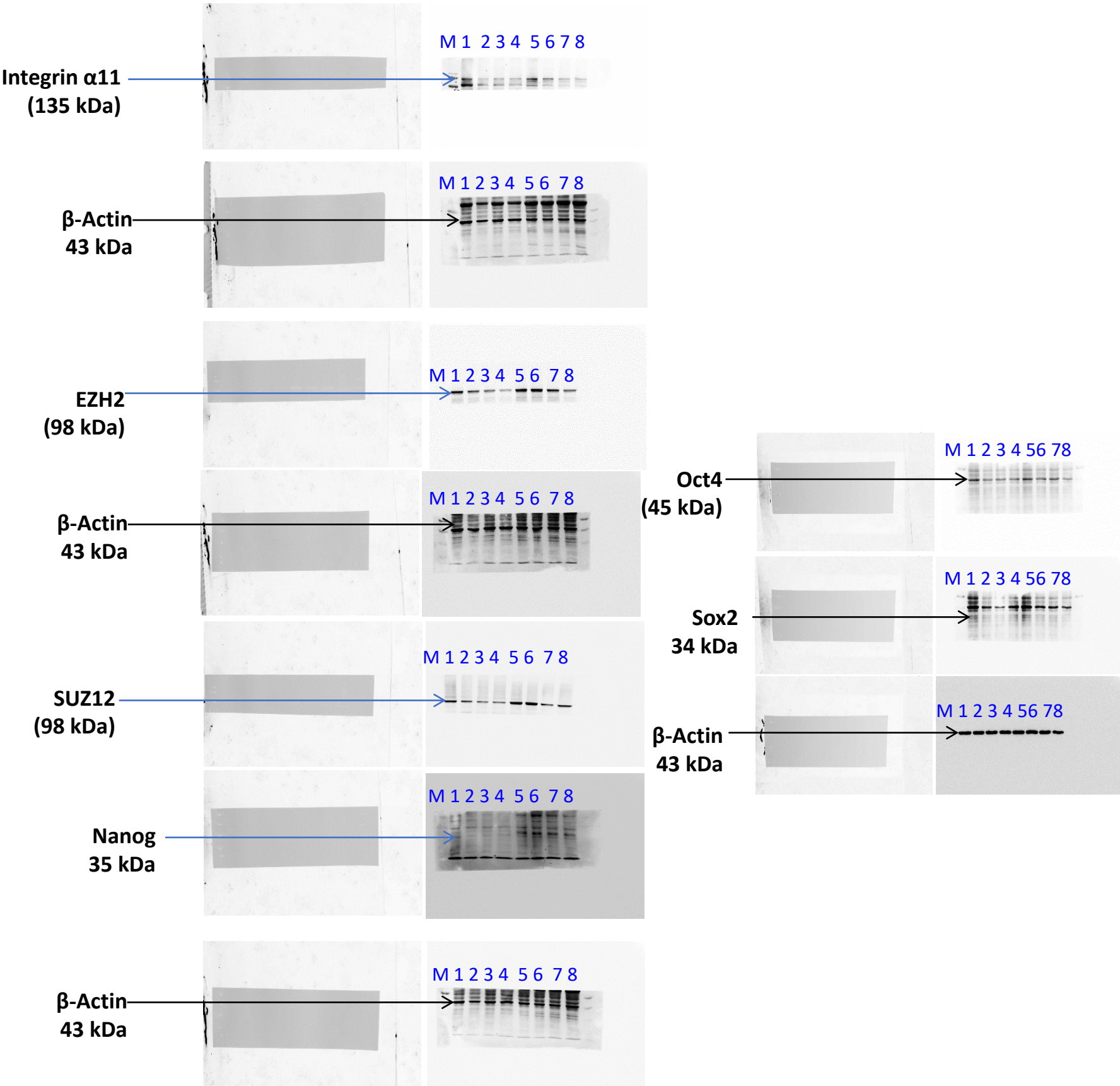
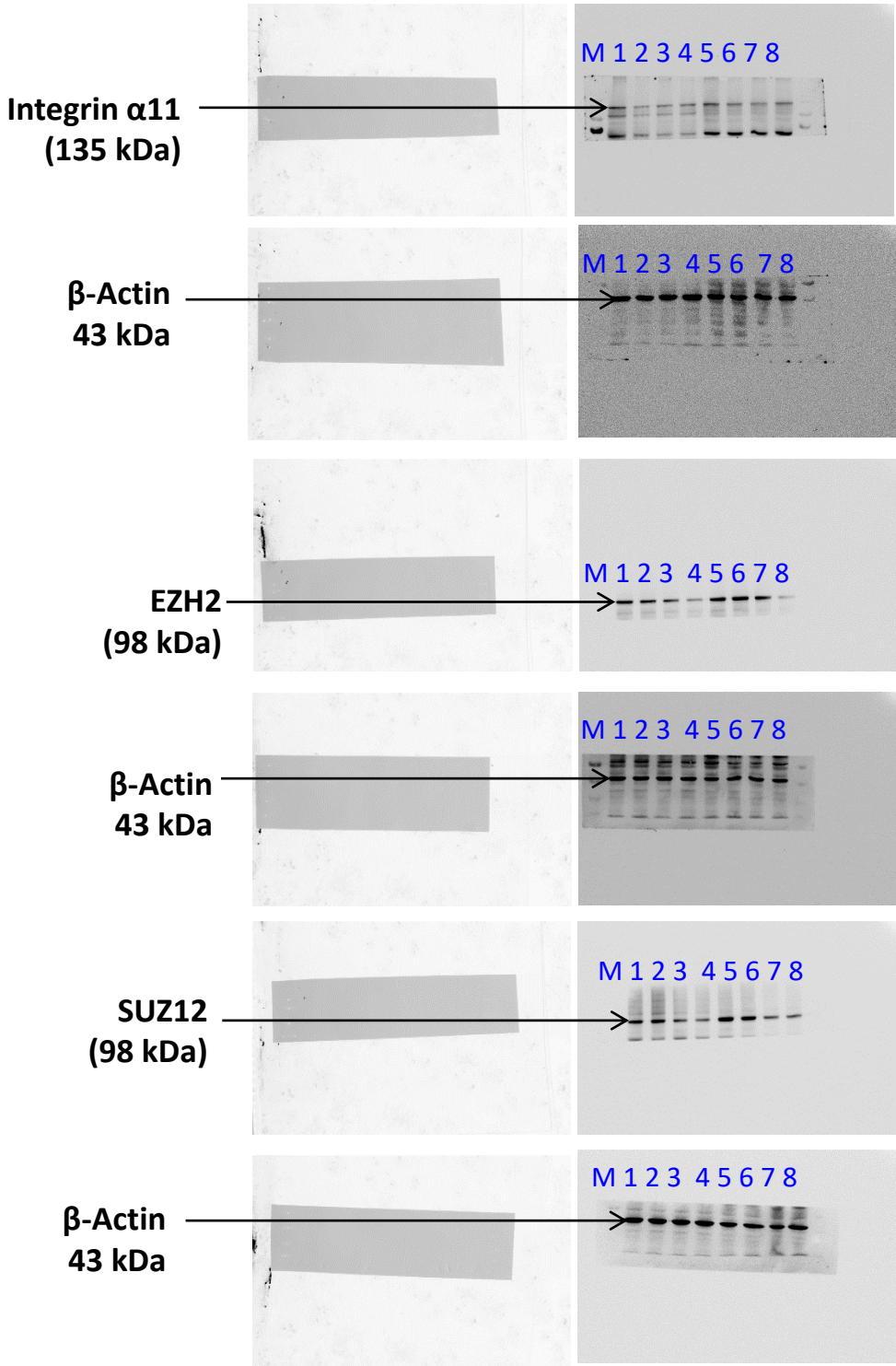


Fig. 2F

SET-III



	TAMR				ADR			
siNT	+	-	-	-	+	-	-	-
siITGA11	-	+	-	-	-	+	-	-
siSUZ12	-	-	+	-	-	-	+	-
siEZH2	-	-	-	+	-	-	-	+
Lane labeling:	1	2	3	4	5	6	7	8

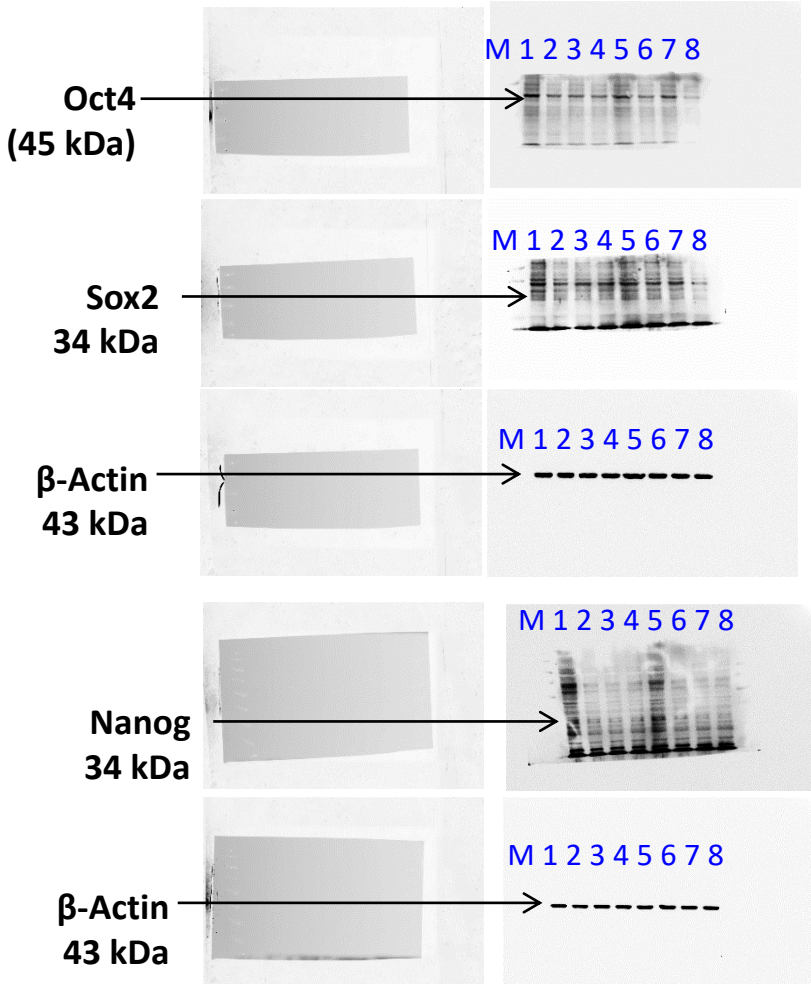


Fig. 3B

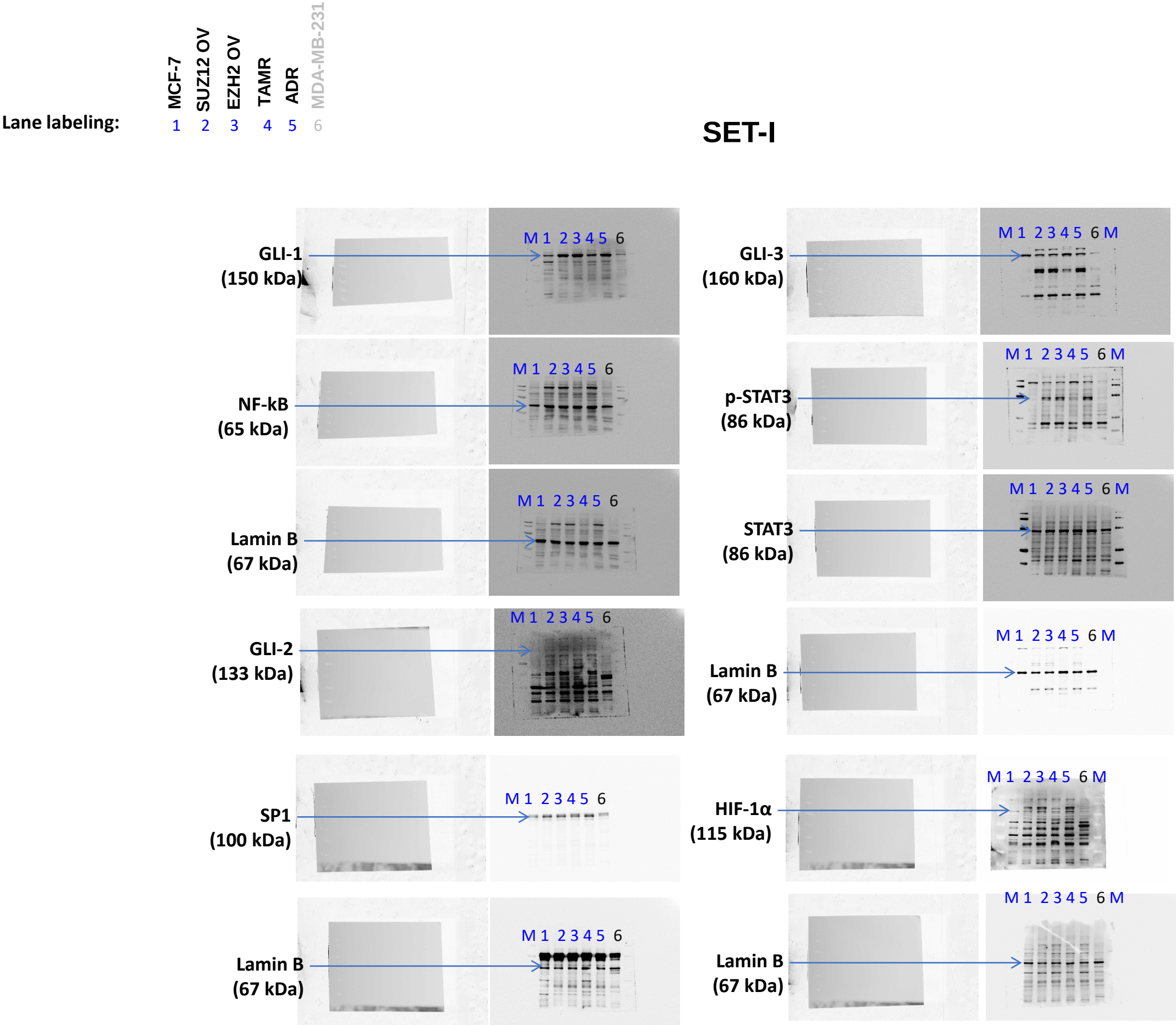


Fig. 3B

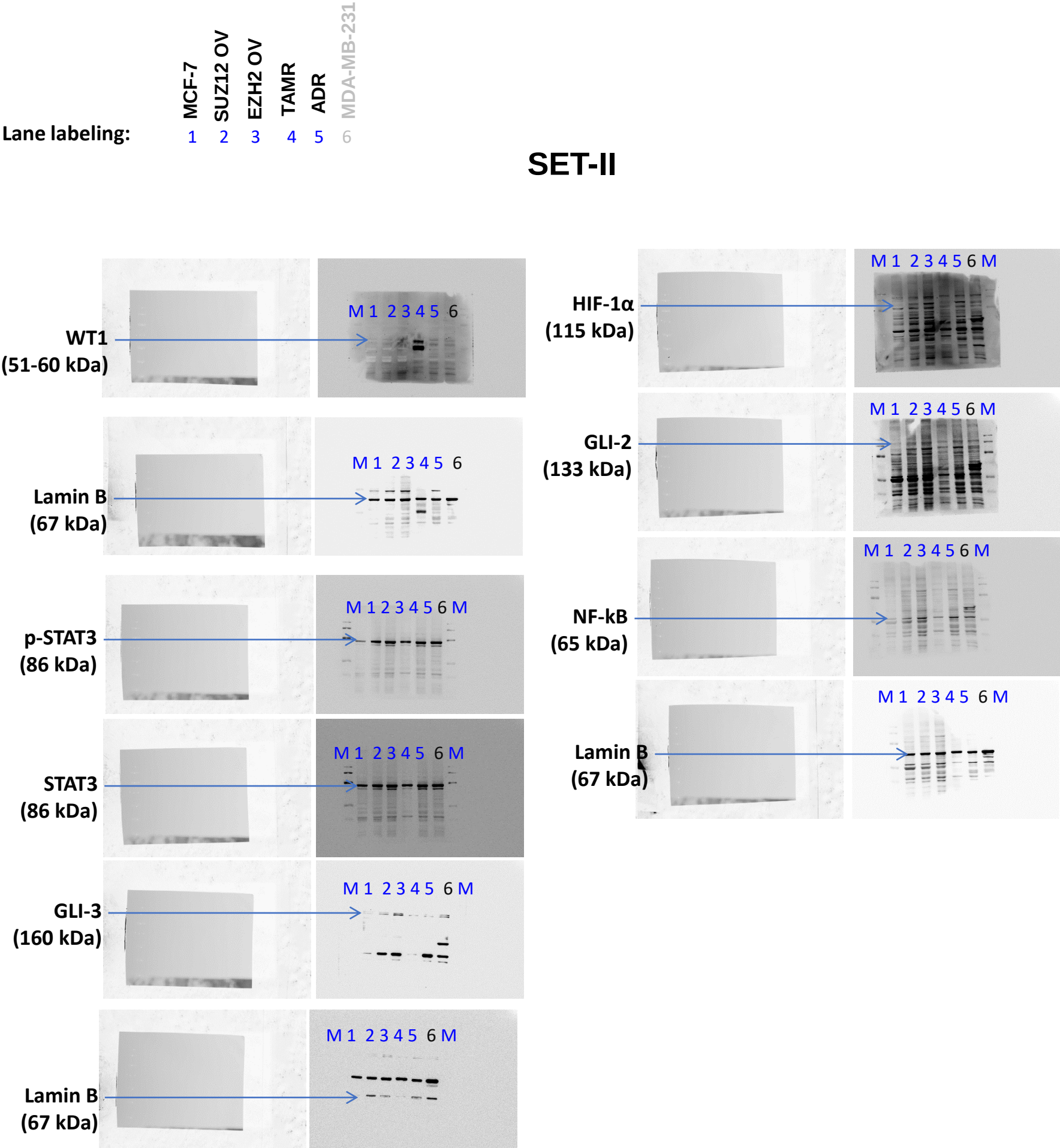
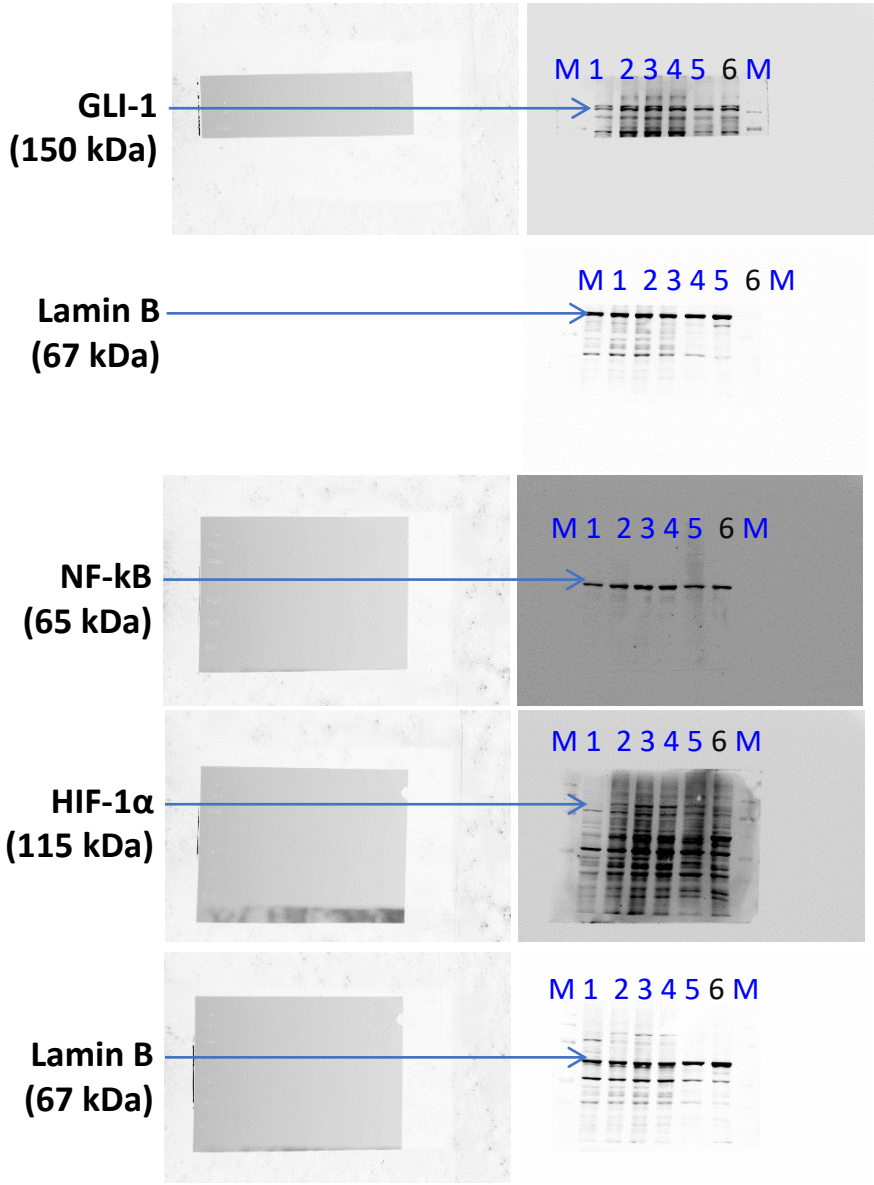


Fig. 3B

Lane labeling: MCF-7 SUZ12 OV EZH2 OV TAMR ADR MDA-MB-231
1 2 3 4 5 6



SET-III

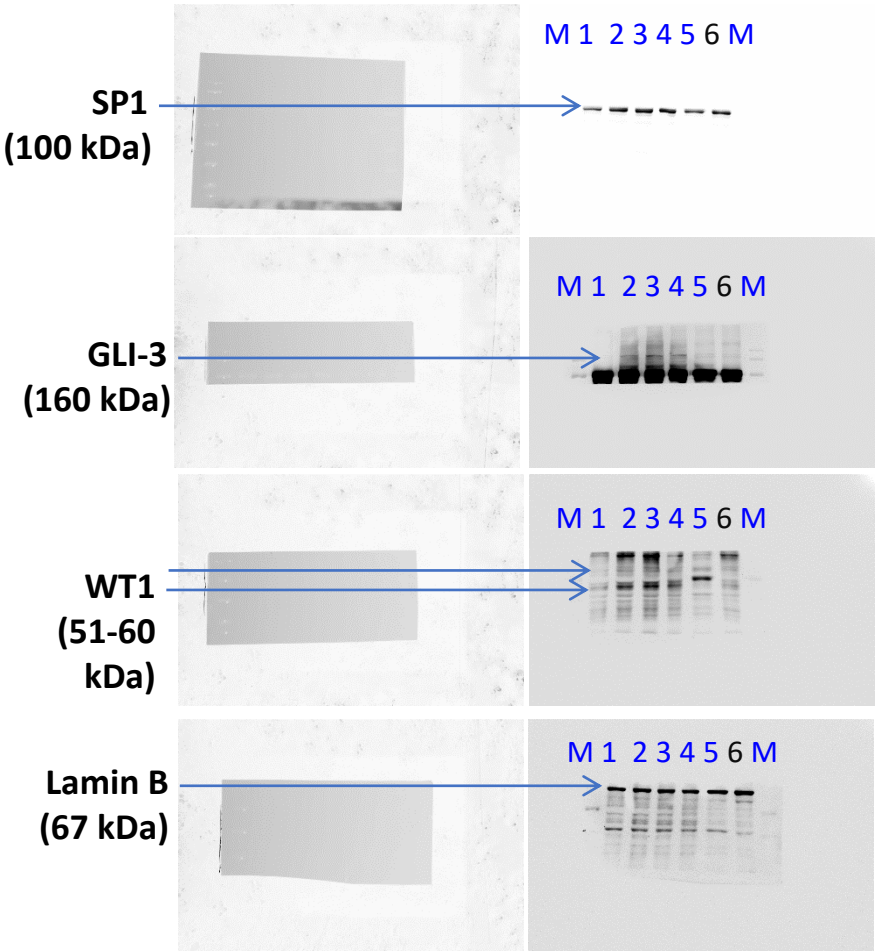
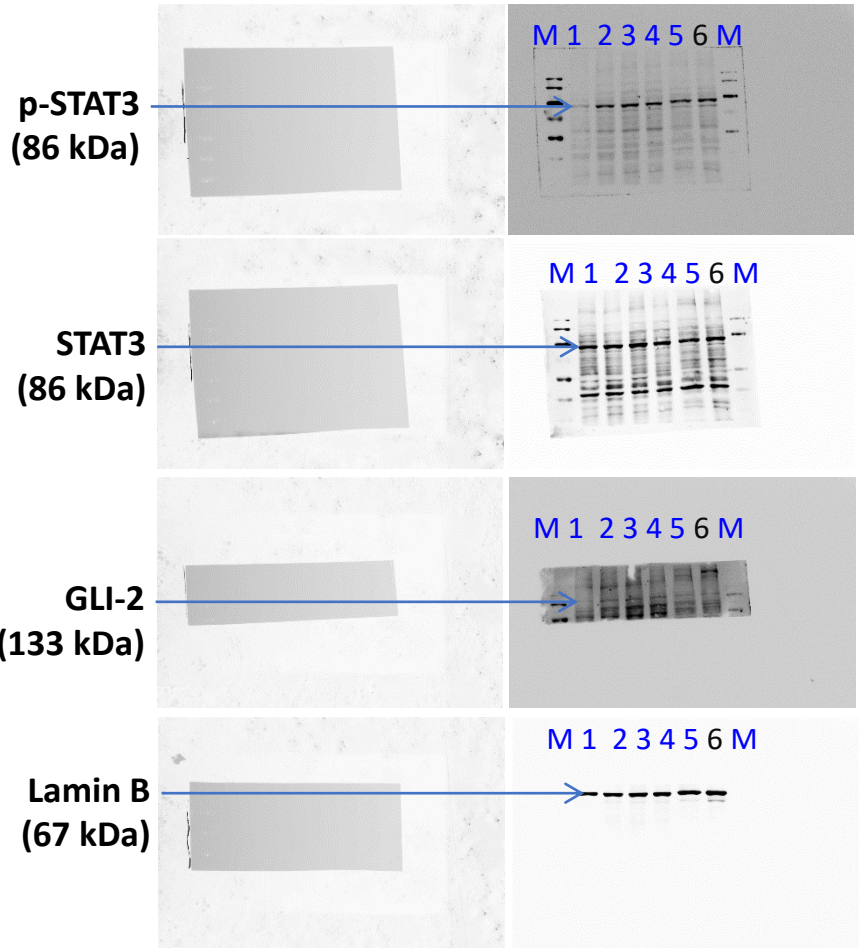
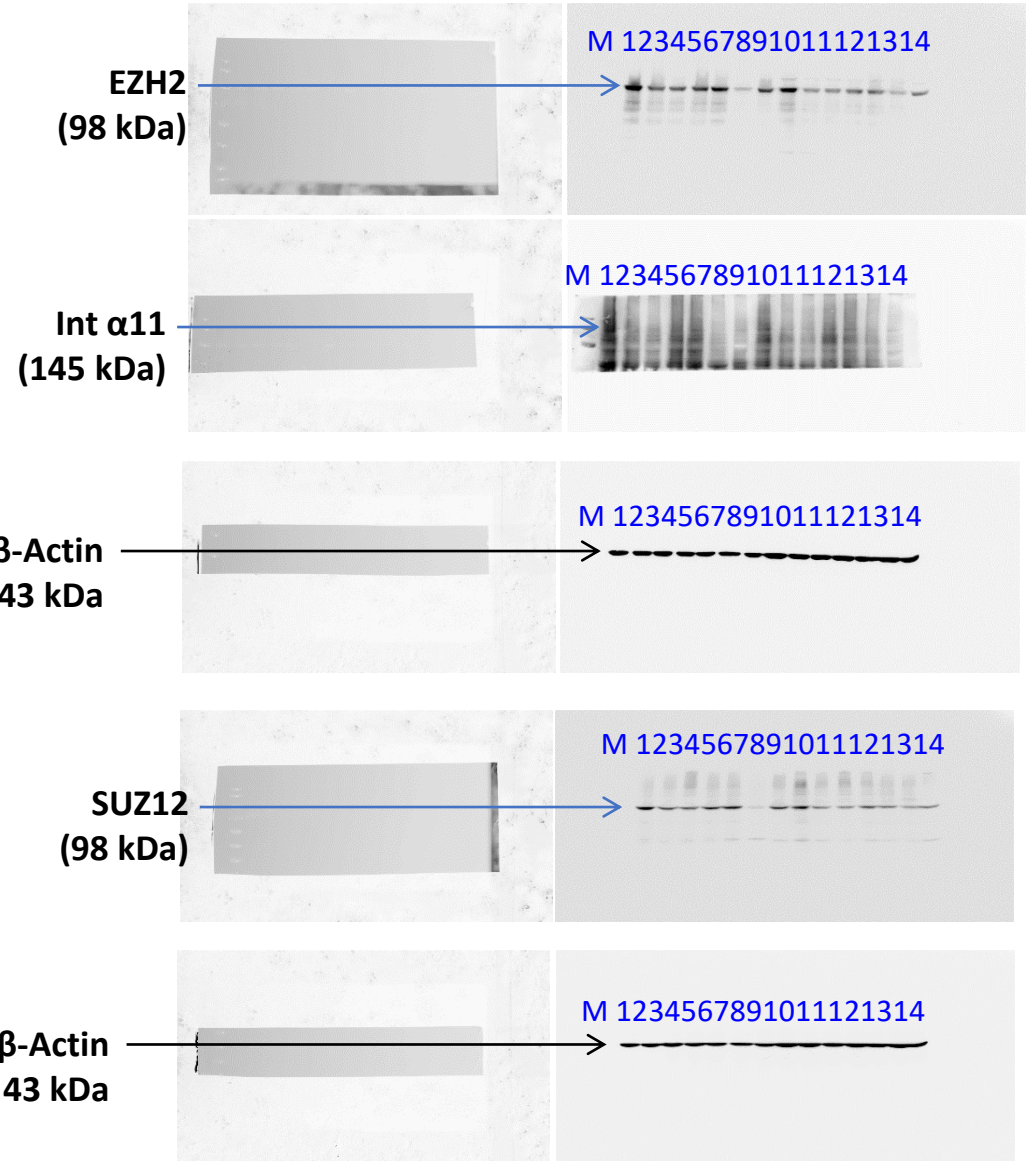


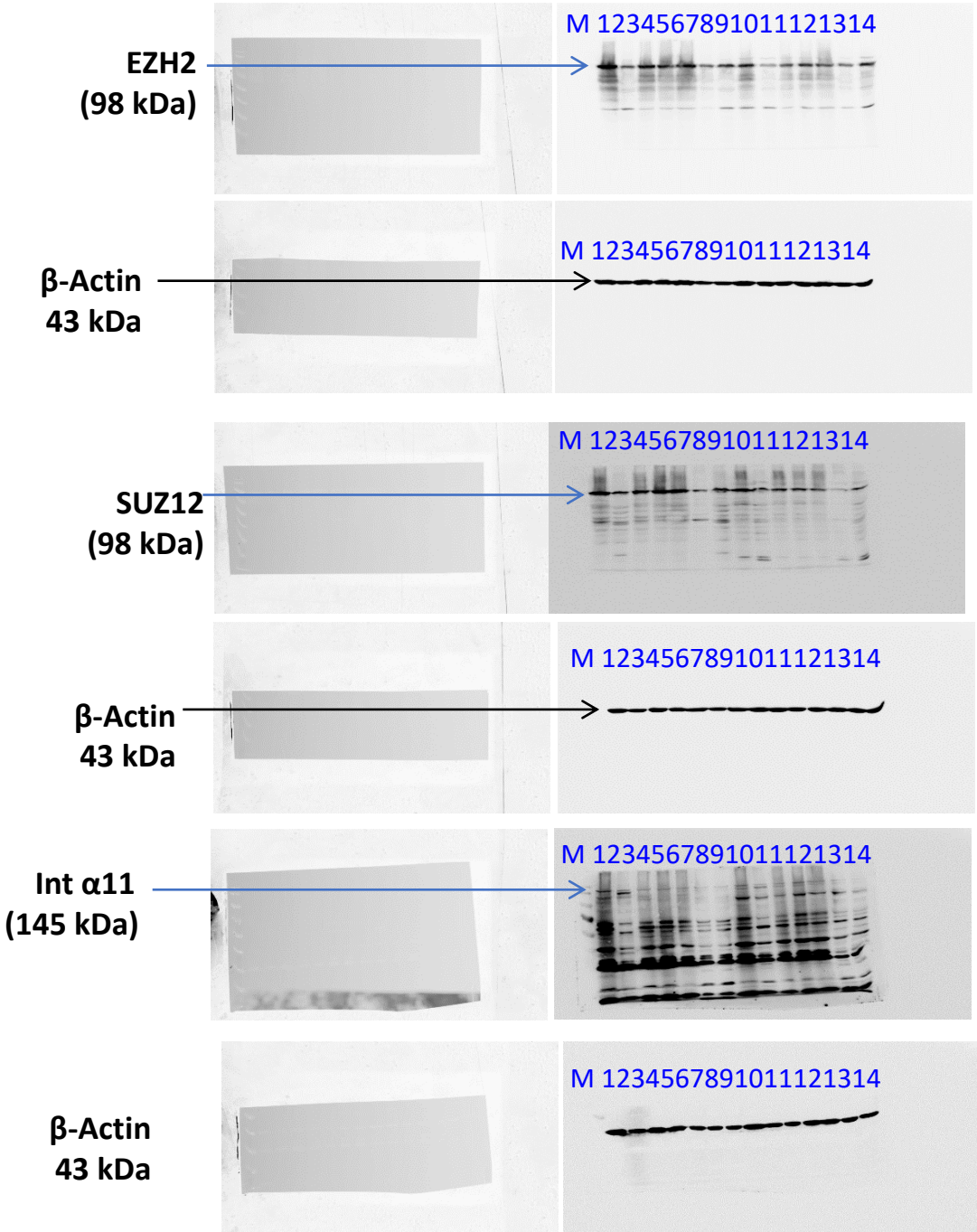
Fig. 3C

	MCF-7/TAMR							MCF-7/ADR						
GANT61 (10 μM)	-	+	-	-	-	-	-	-	+	-	-	-	-	-
MTRM A (0.1 μM)	-	-	+	-	-	-	-	-	+	-	-	-	-	-
PDTC (10 μM)	-	-	-	+	-	-	-	-	-	-	+	-	-	-
BP-1-102 (10 μM)	-	-	-	-	+	-	-	-	-	-	-	+	-	-
GLDM (5 μM)	-	-	-	-	-	+	-	-	-	-	-	-	+	-
GSK-126 (10 μM)	-	-	-	-	-	-	+	-	-	-	-	-	-	+
Lane labeling:	1	2	3	4	5	6	7	8	9	10	11	12	13	14

SET-I



SET-II



SET-III

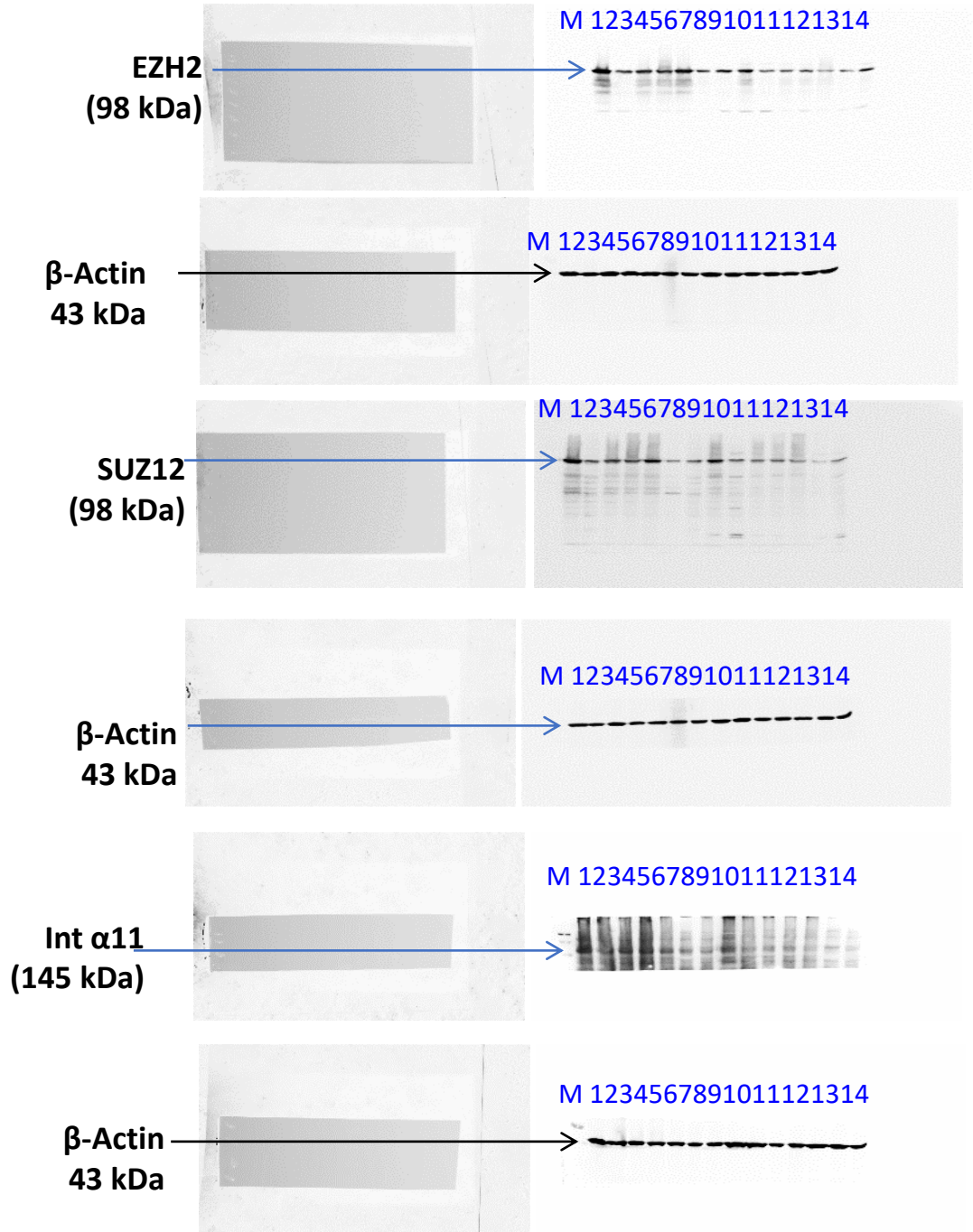


Fig. 3D

	TAMR				ADR			
siNT	+	-	-	-	+	-	-	-
siHIF-1 α	-	+	-	-	-	+	-	-
siGLI-1	-	-	+	-	-	-	+	-
siEZH2	-	-	-	+	-	-	-	+
Lane labeling:	1	2	3	4	5	6	7	8

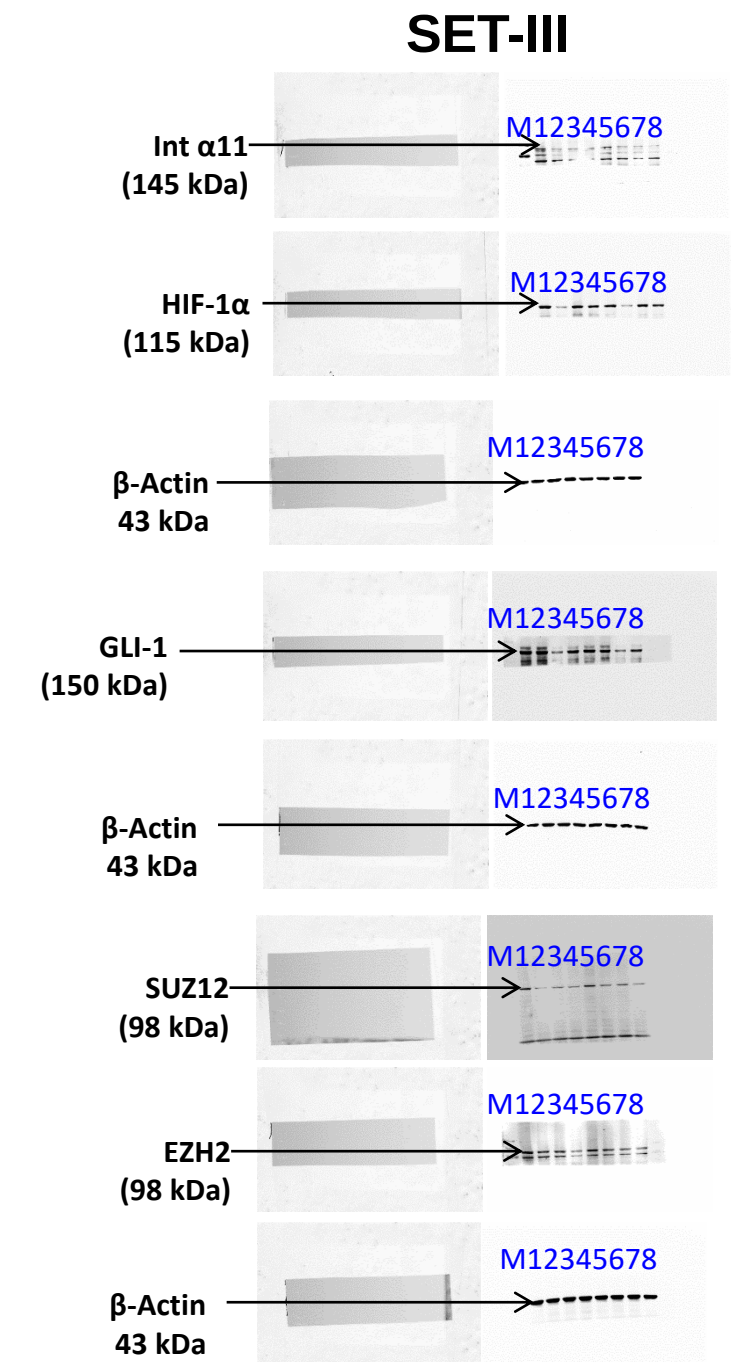
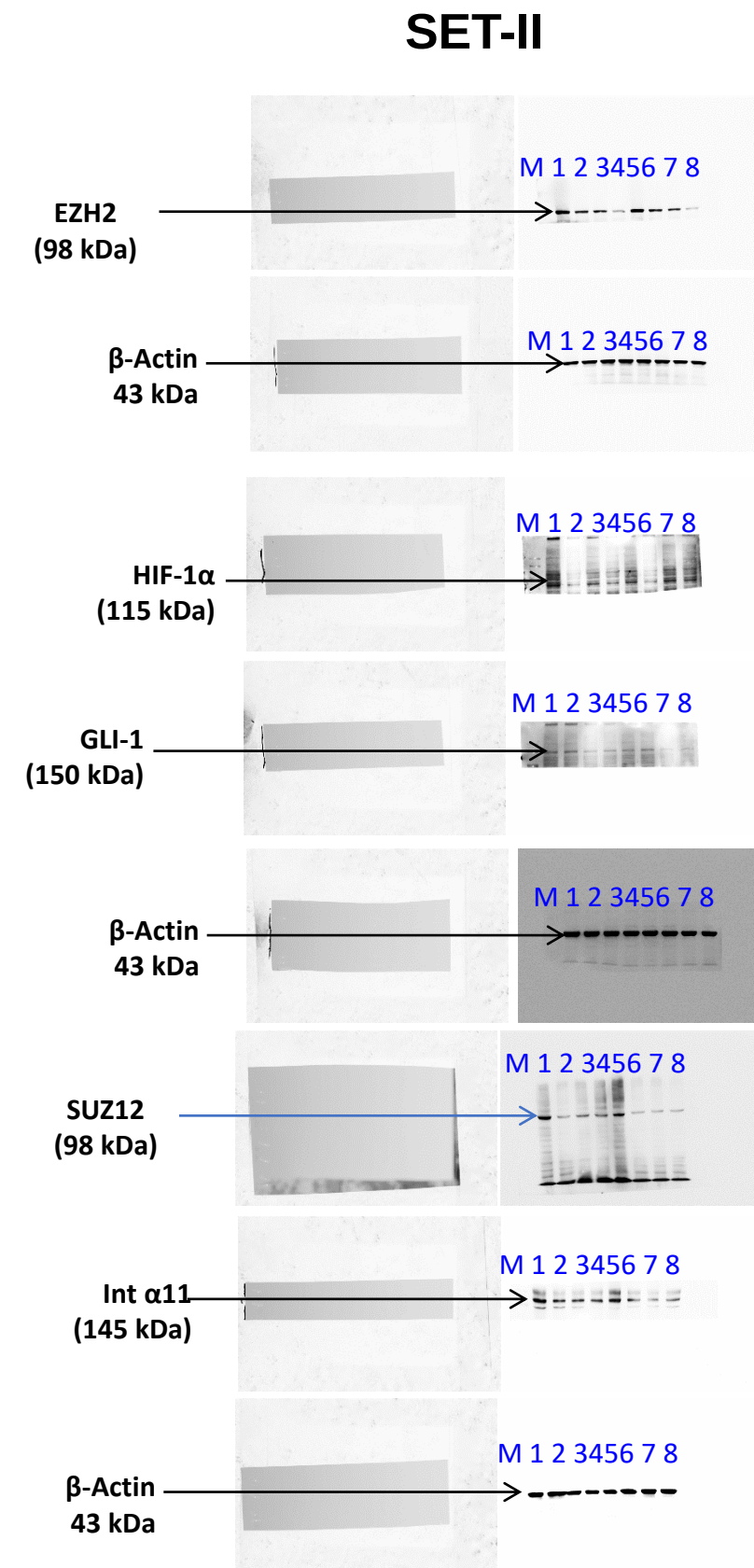
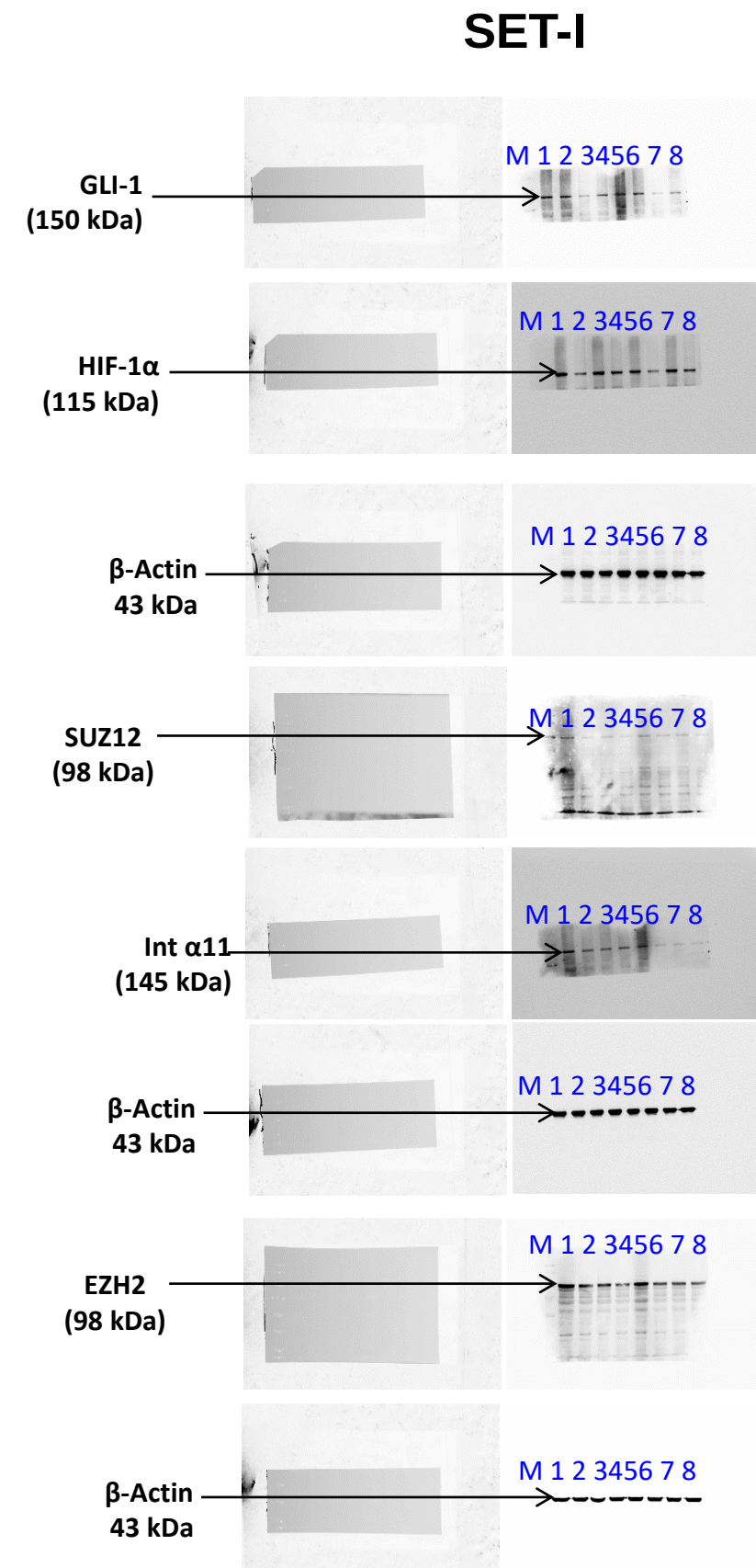


Fig. 4A

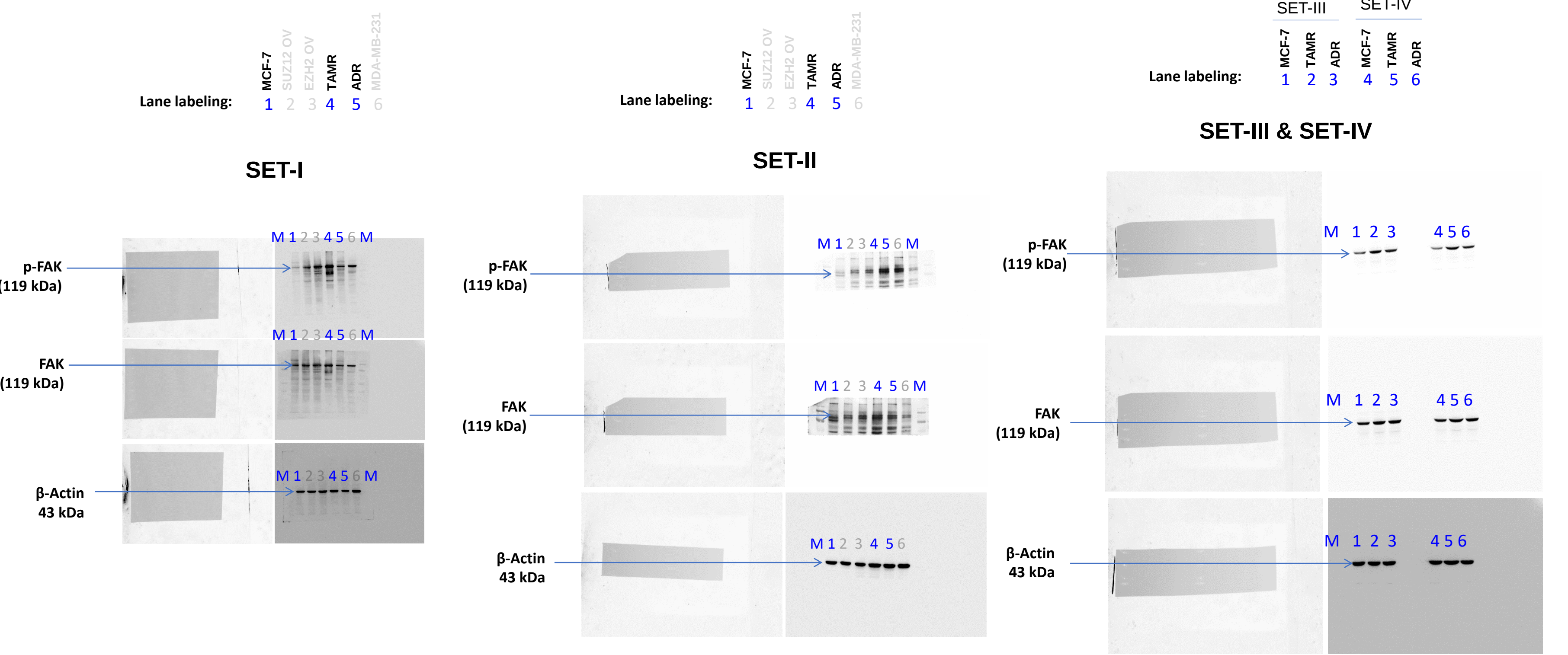
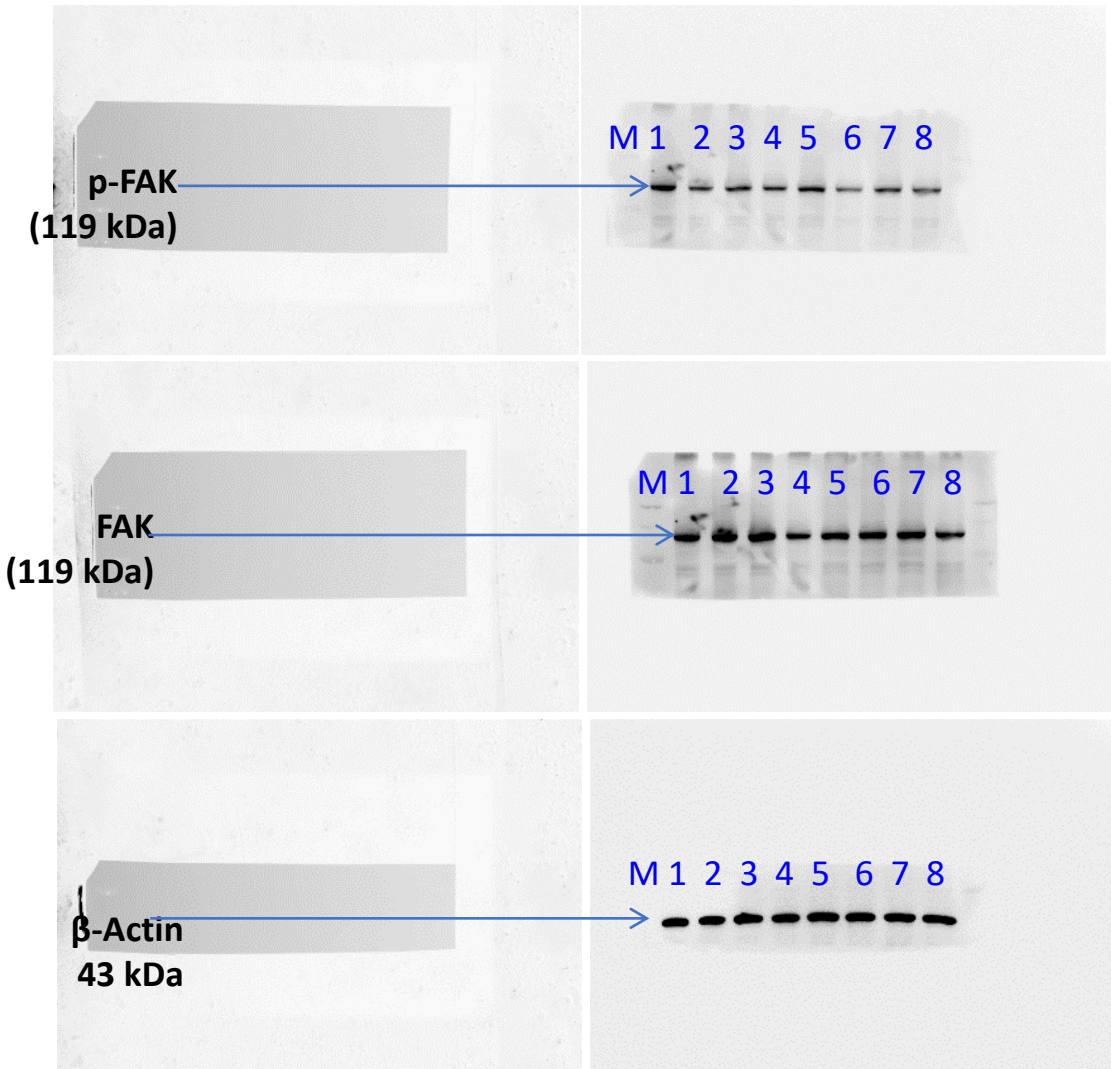


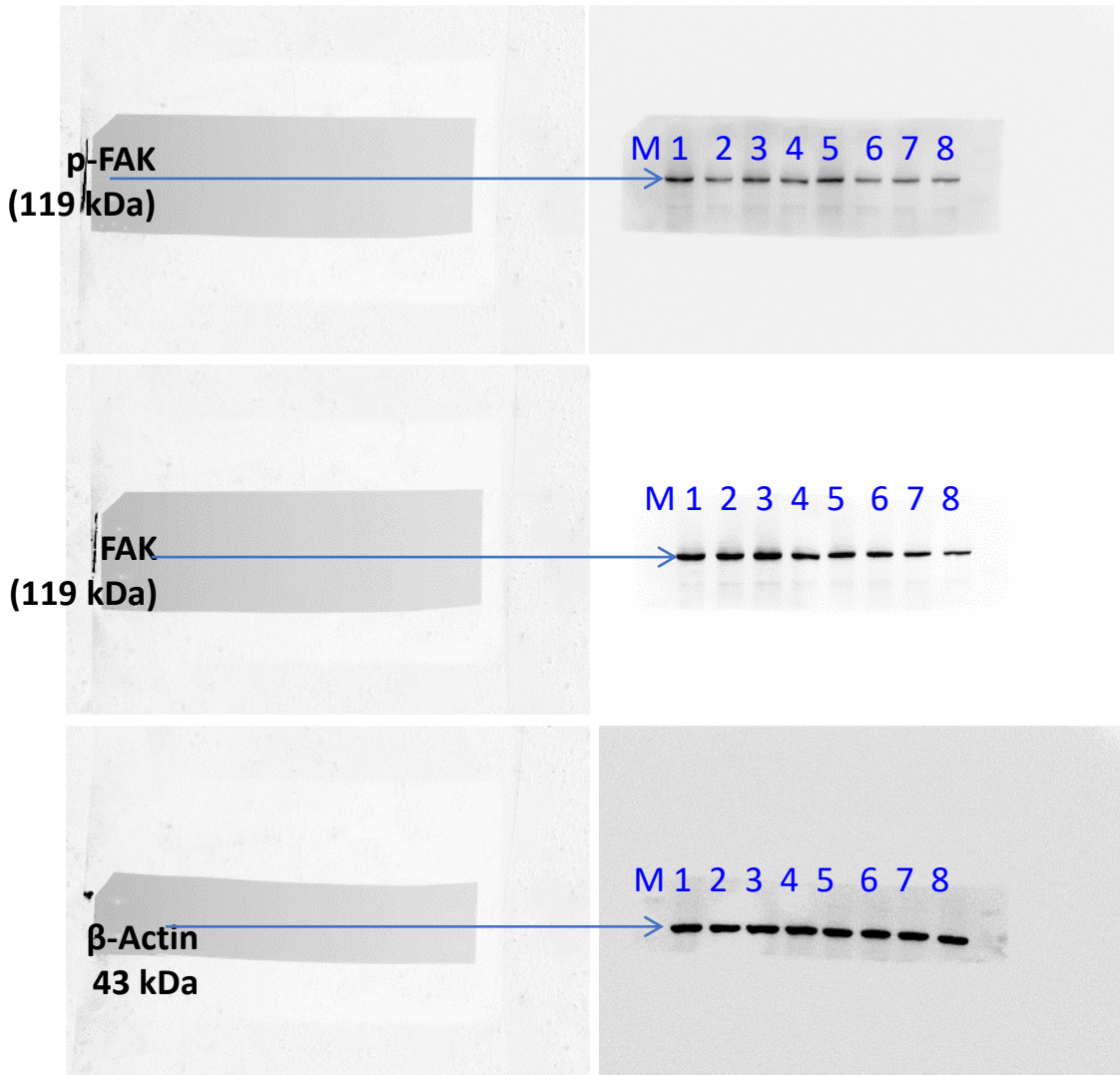
Fig. 4B

	TAMR				ADR			
siNT	+	-	-	-	+	-	-	-
siTGA11	-	+	-	-	-	+	-	-
siSUZ12	-	-	+	-	-	-	+	-
siEZH2	-	-	-	+	-	-	-	+
Lane labeling:	1	2	3	4	5	6	7	8

SET-I



SET-II



SET-III

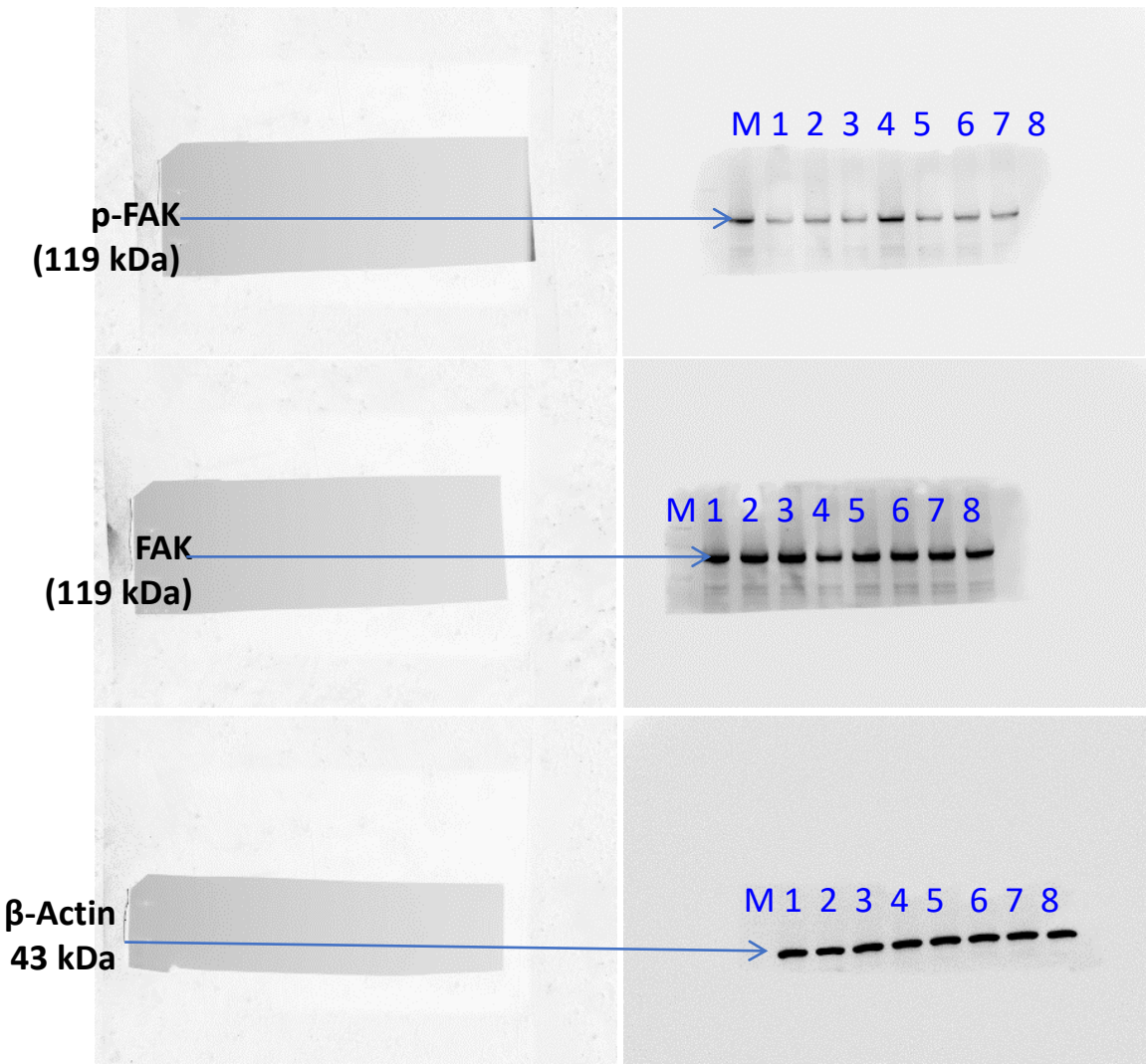
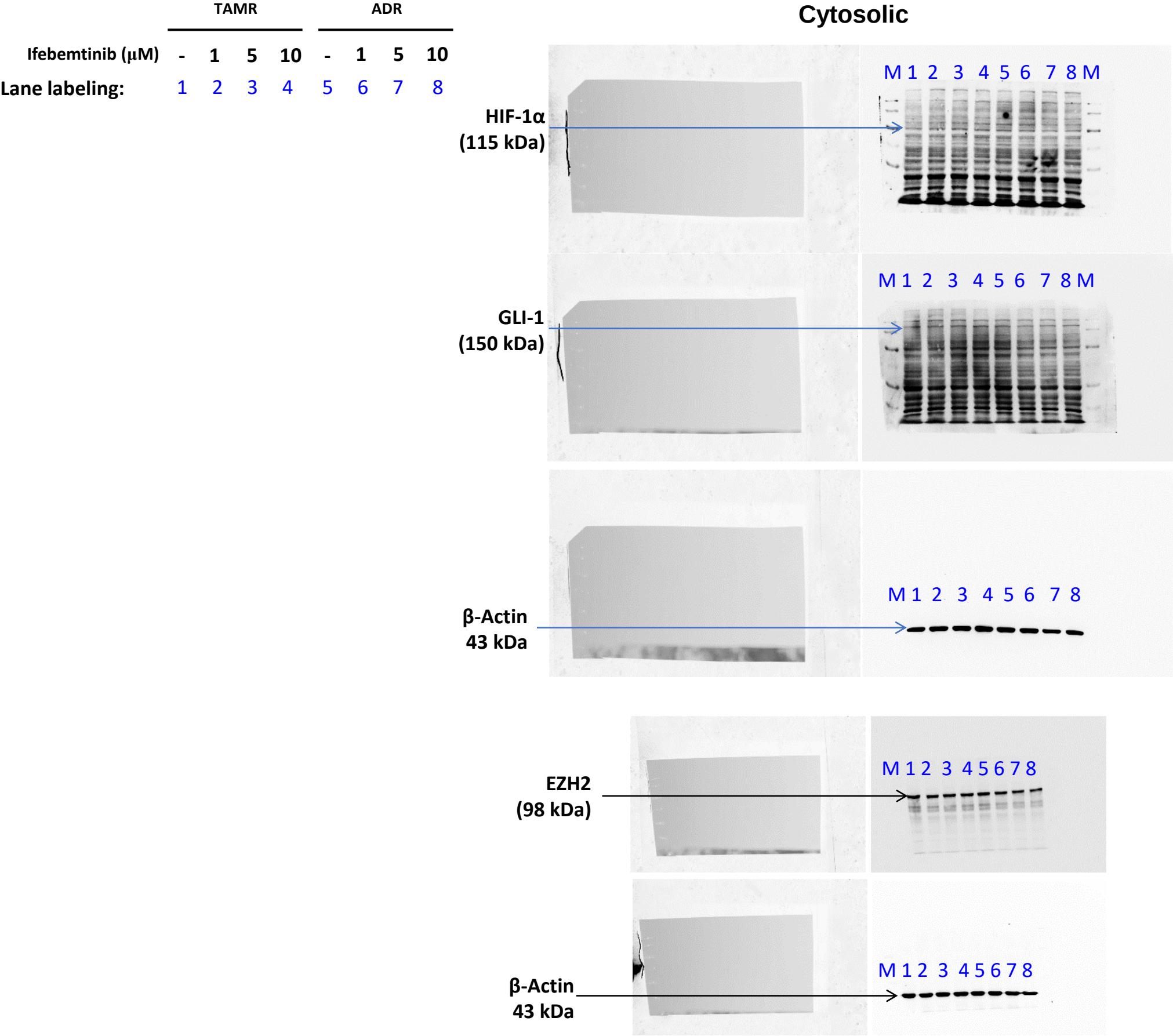


Fig. 4C



SET-I

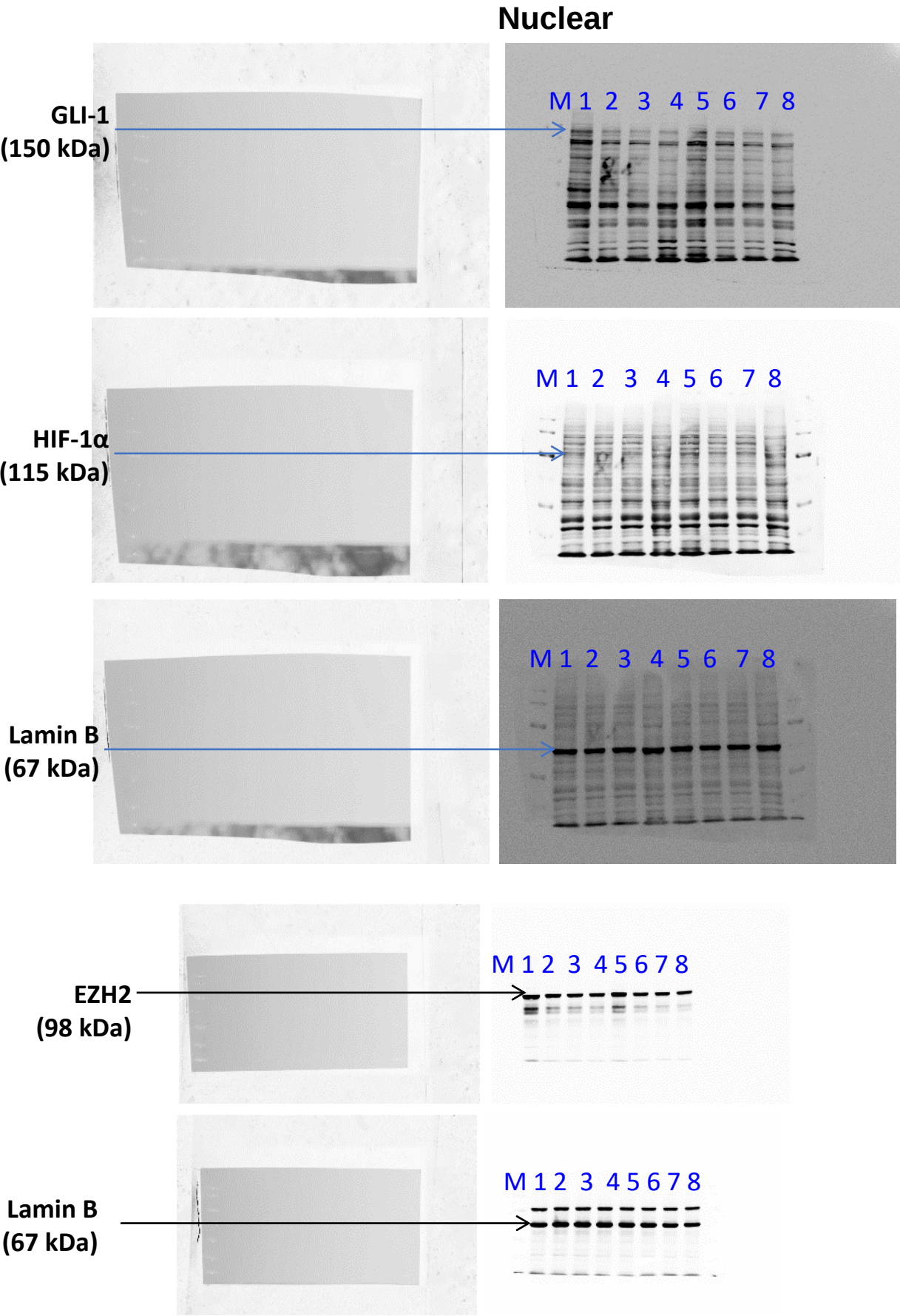


Fig. 4C

SET-II

	TAMR				ADR			
Ifebemtinib (μM)	-	1	5	10	-	1	5	10
Lane labeling:	1	2	3	4	5	6	7	8

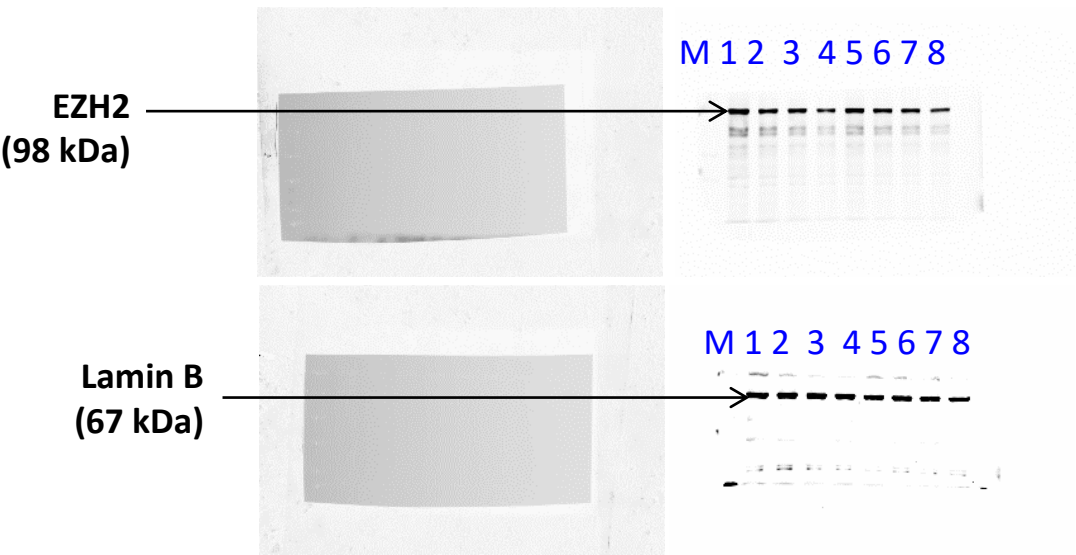
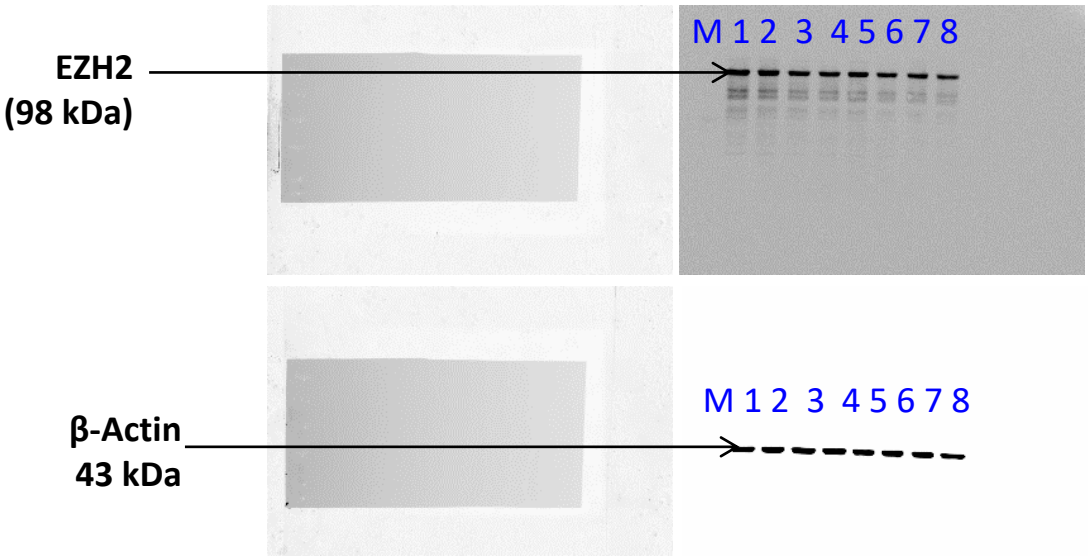
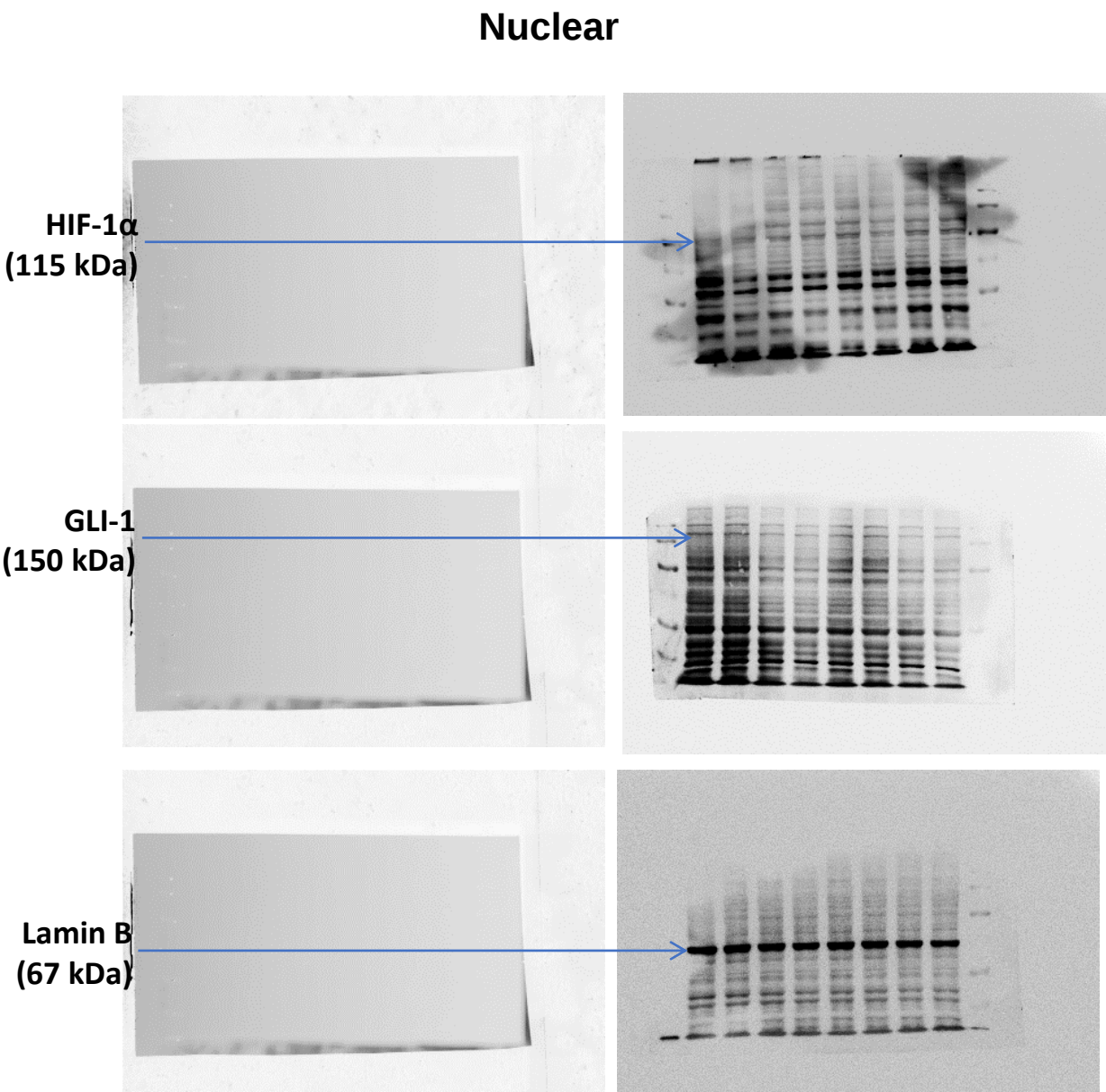
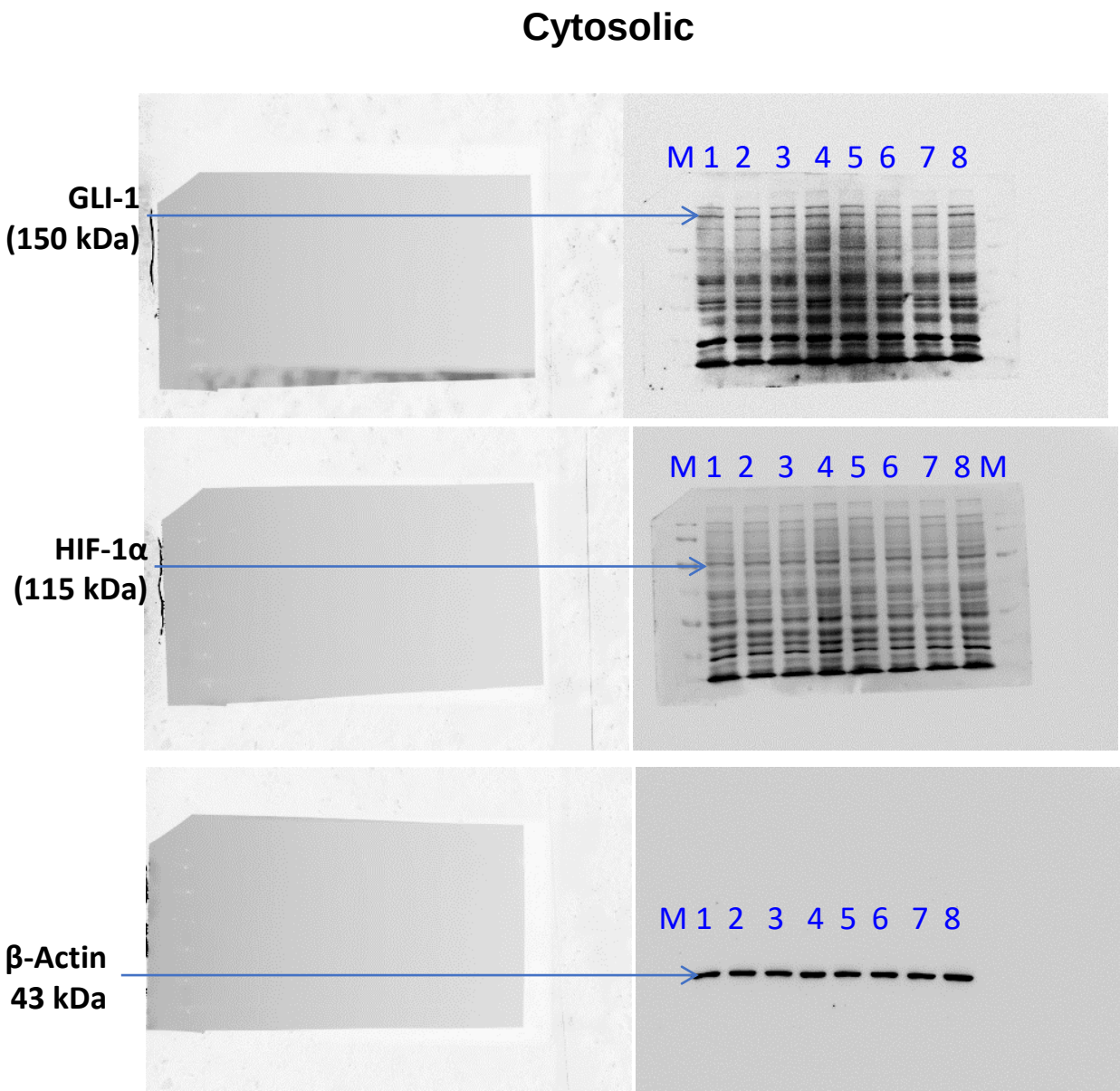


Fig. 4C

SET-III

	TAMR				ADR			
Ifebemtinib (μM)	-	1	5	10	-	1	5	10
Lane labeling:	1	2	3	4	5	6	7	8

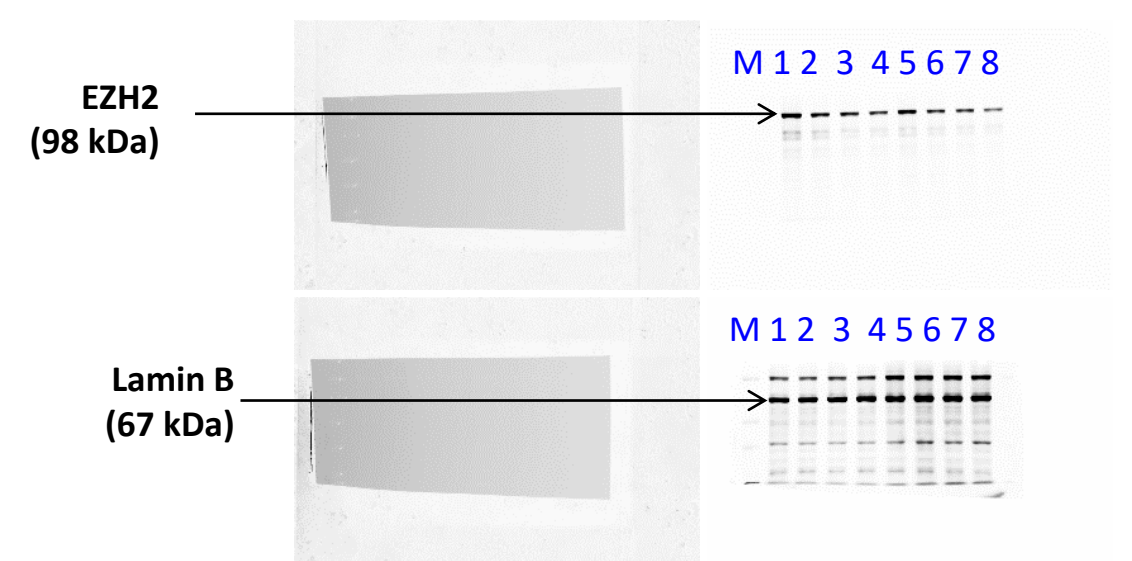
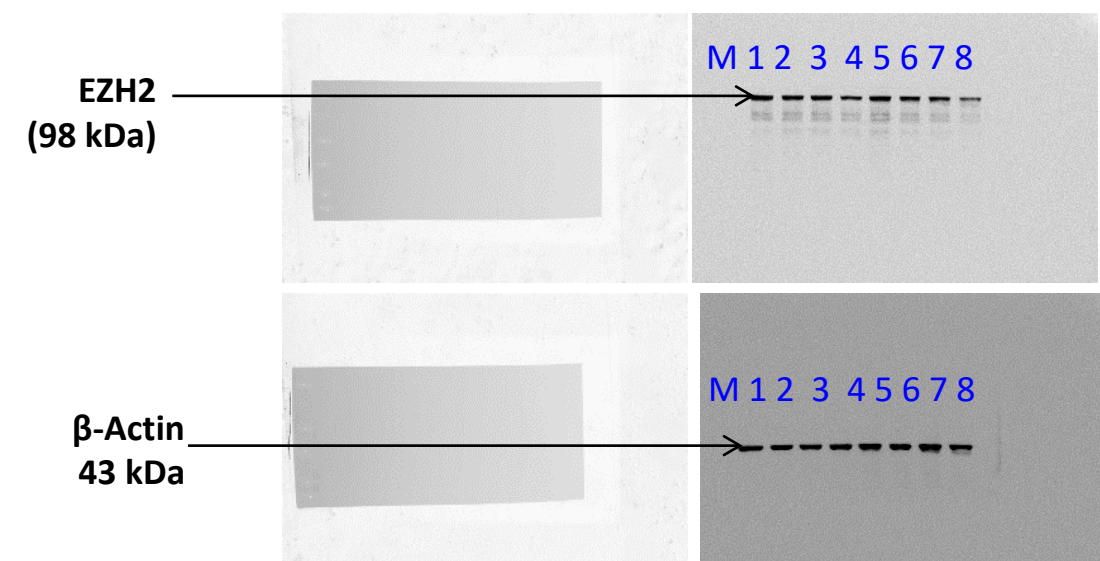
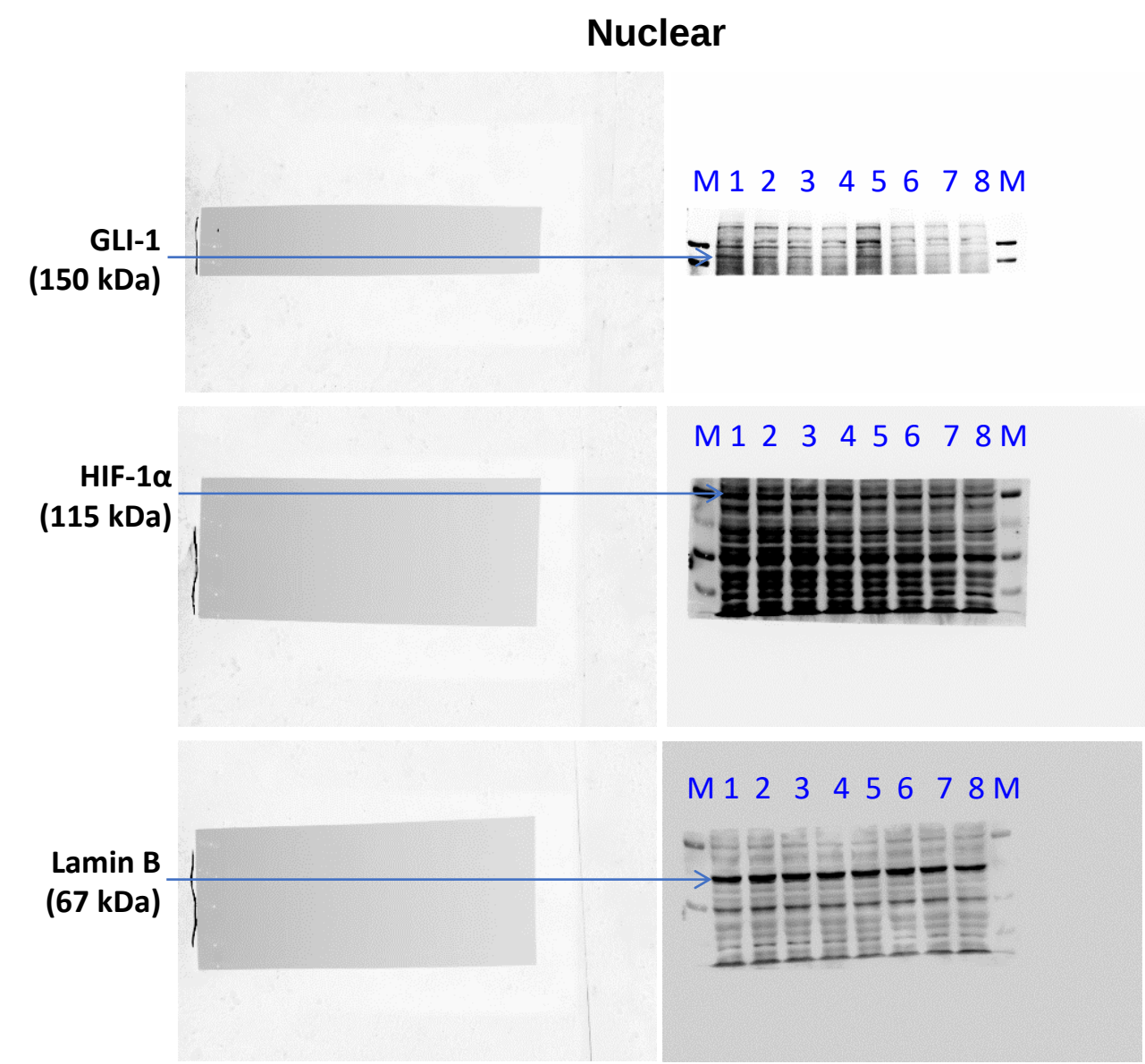
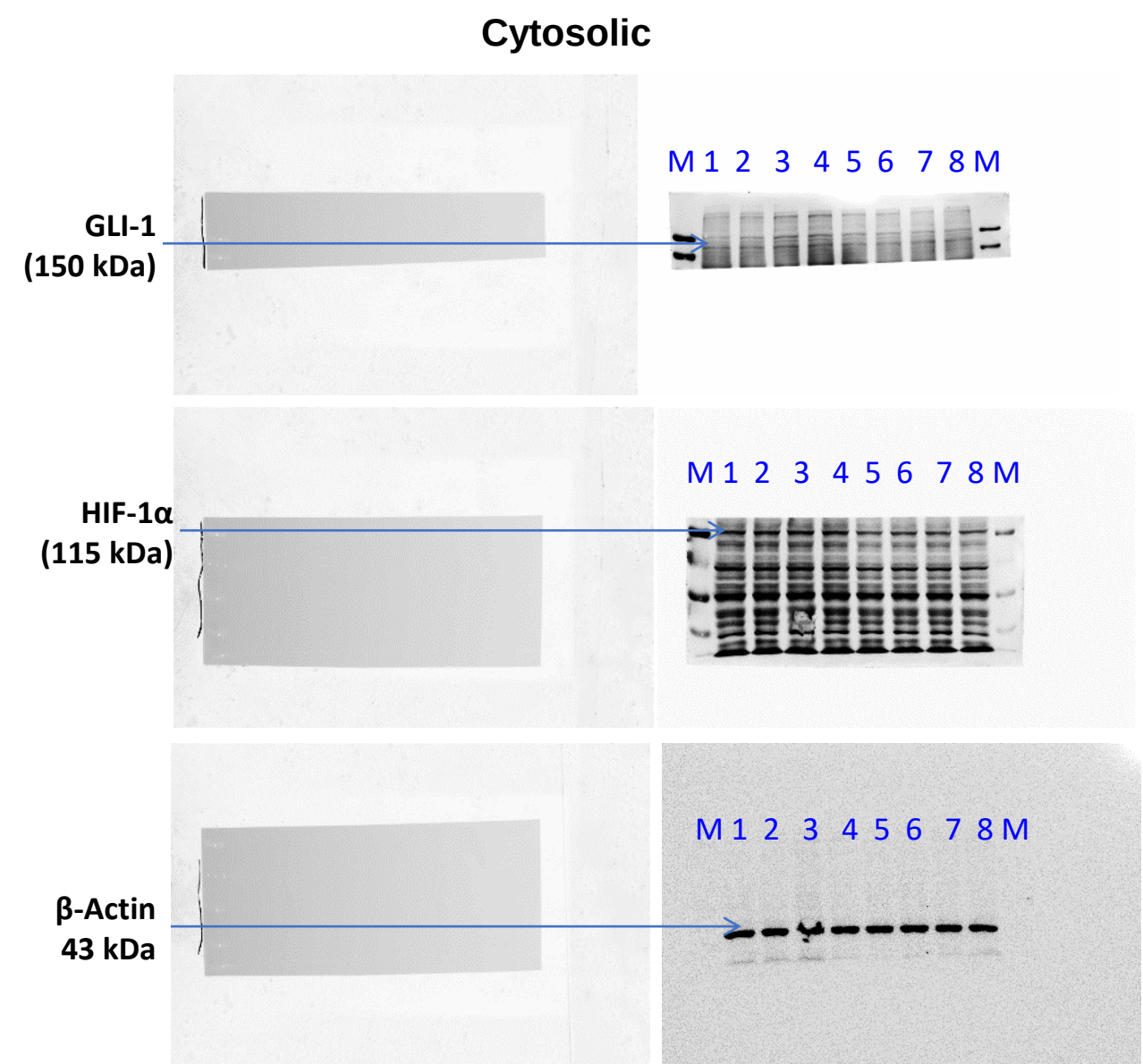
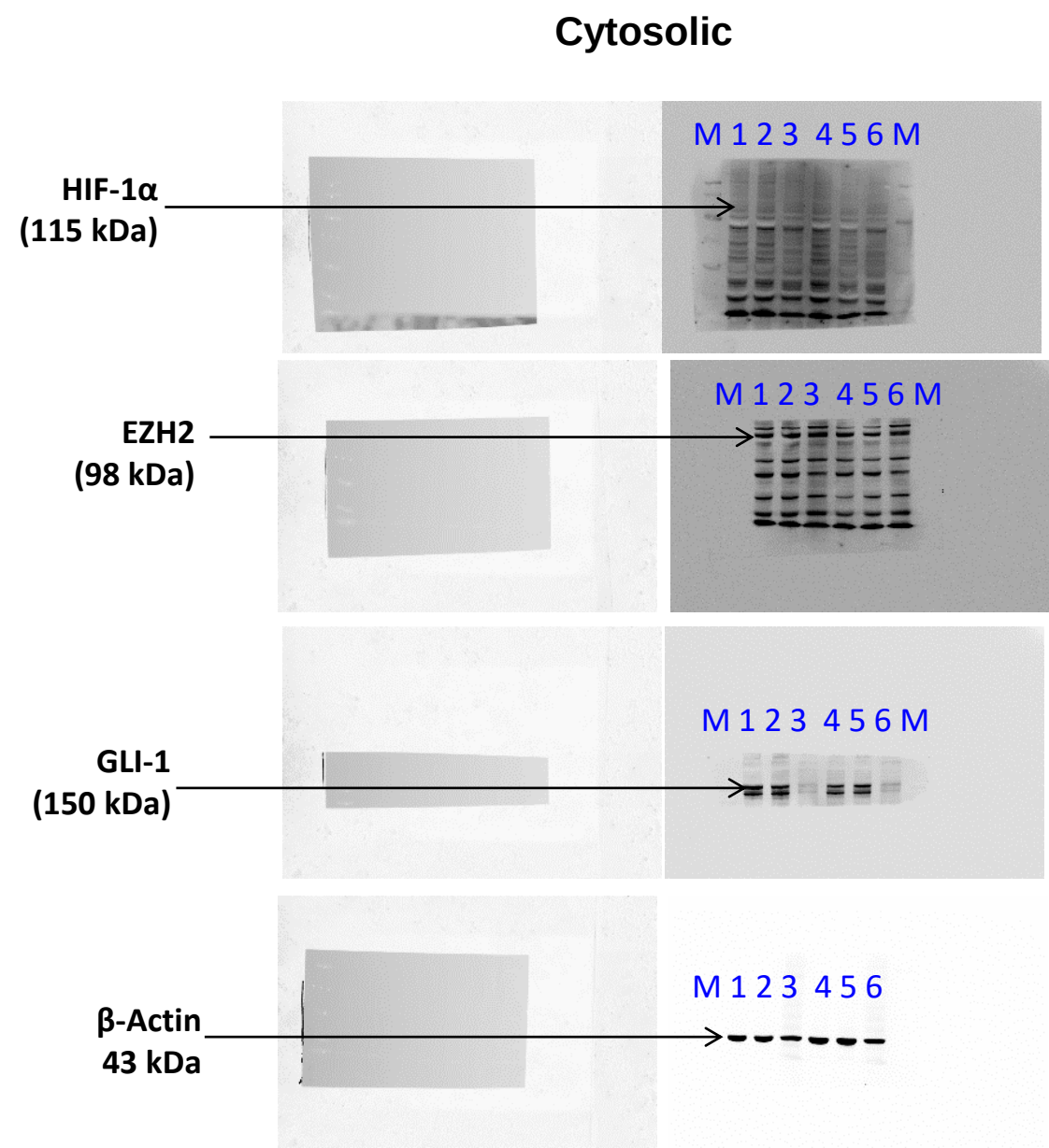


Fig. 4D

	TAMR			ADR		
siNT	-	+	-	-	+	-
siTGA11	-	-	+	-	-	+
Lane labeling:	1	2	3	4	5	6



SET-I

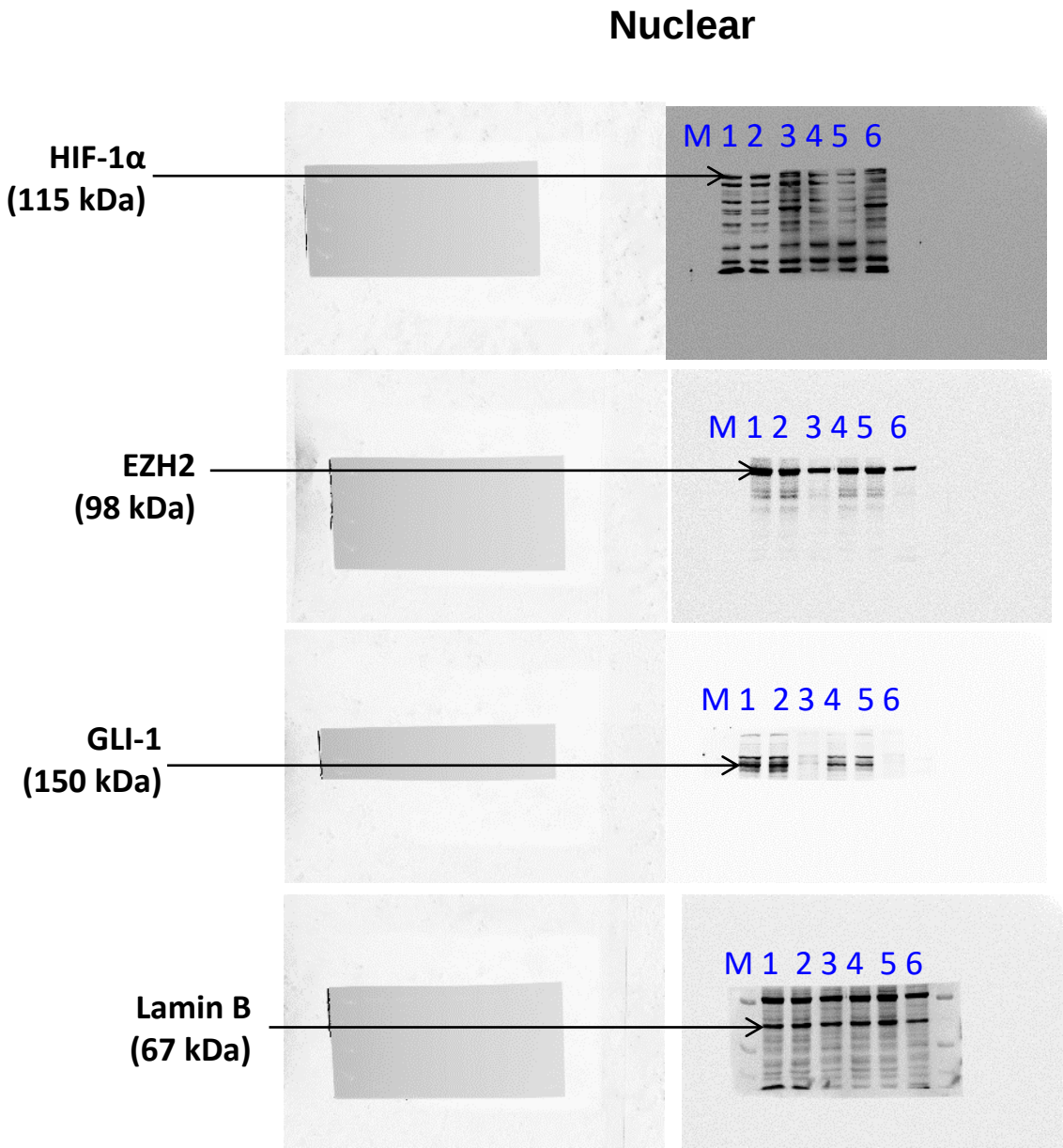
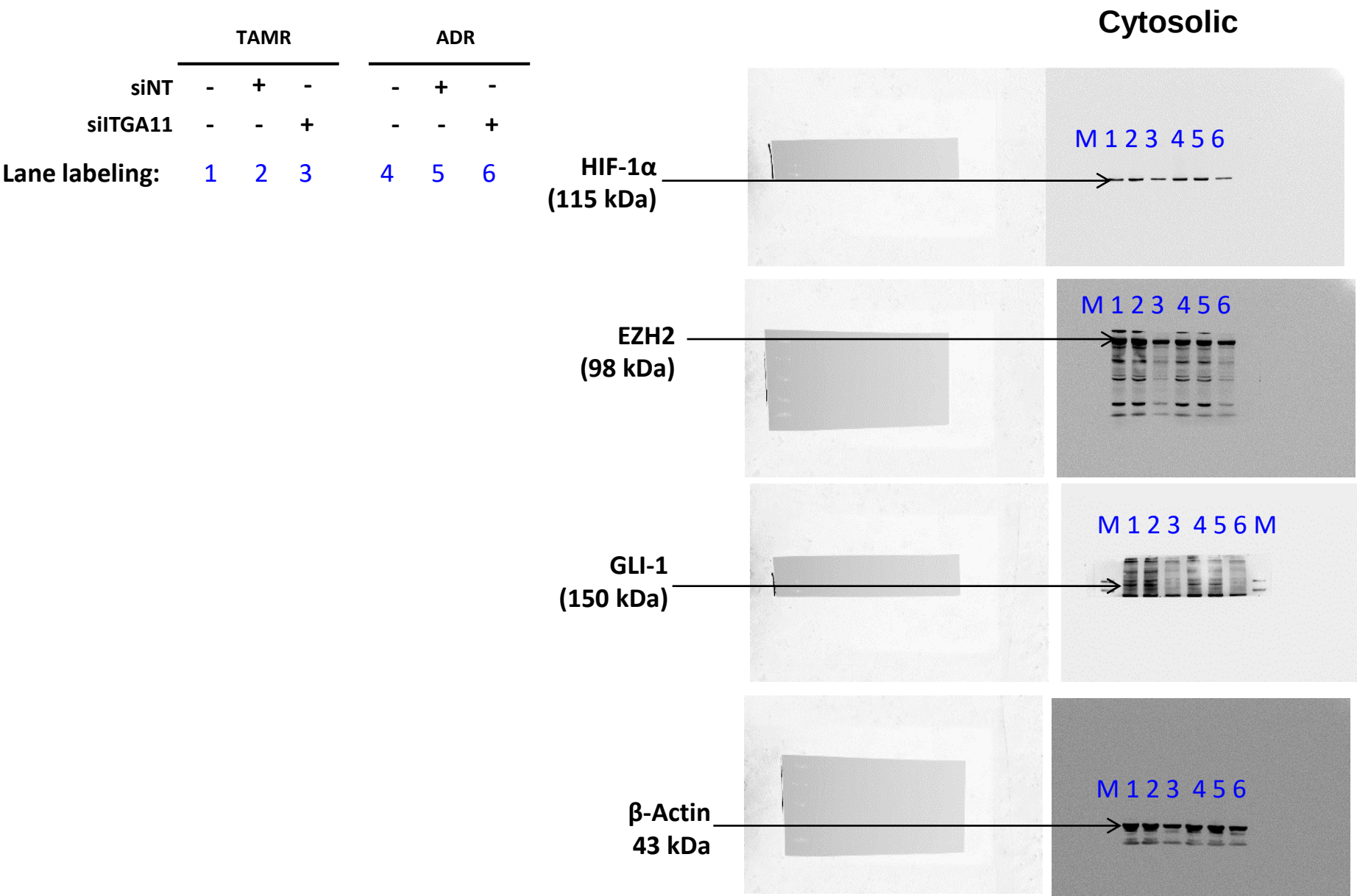


Fig. 4D



SET-II

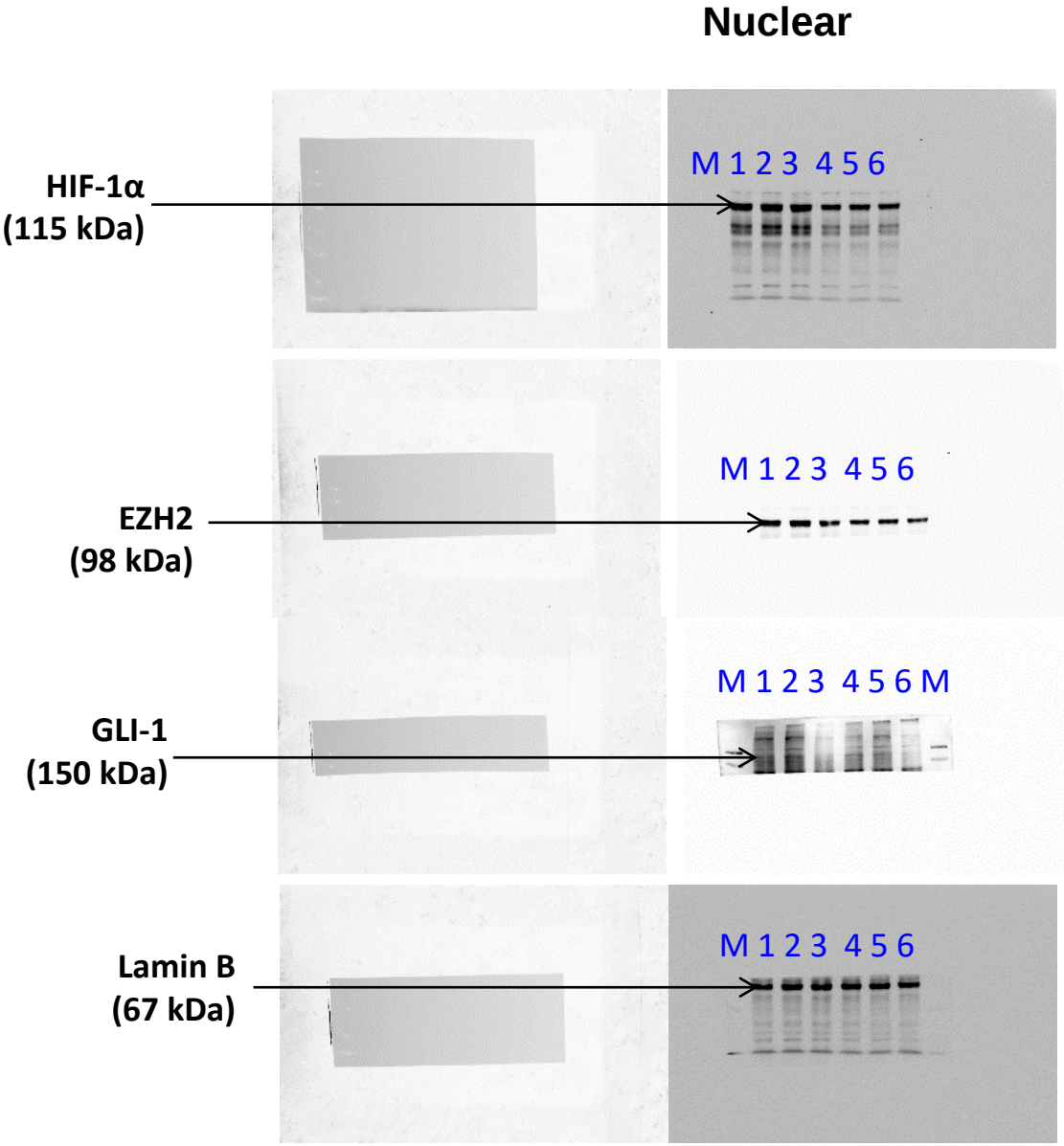
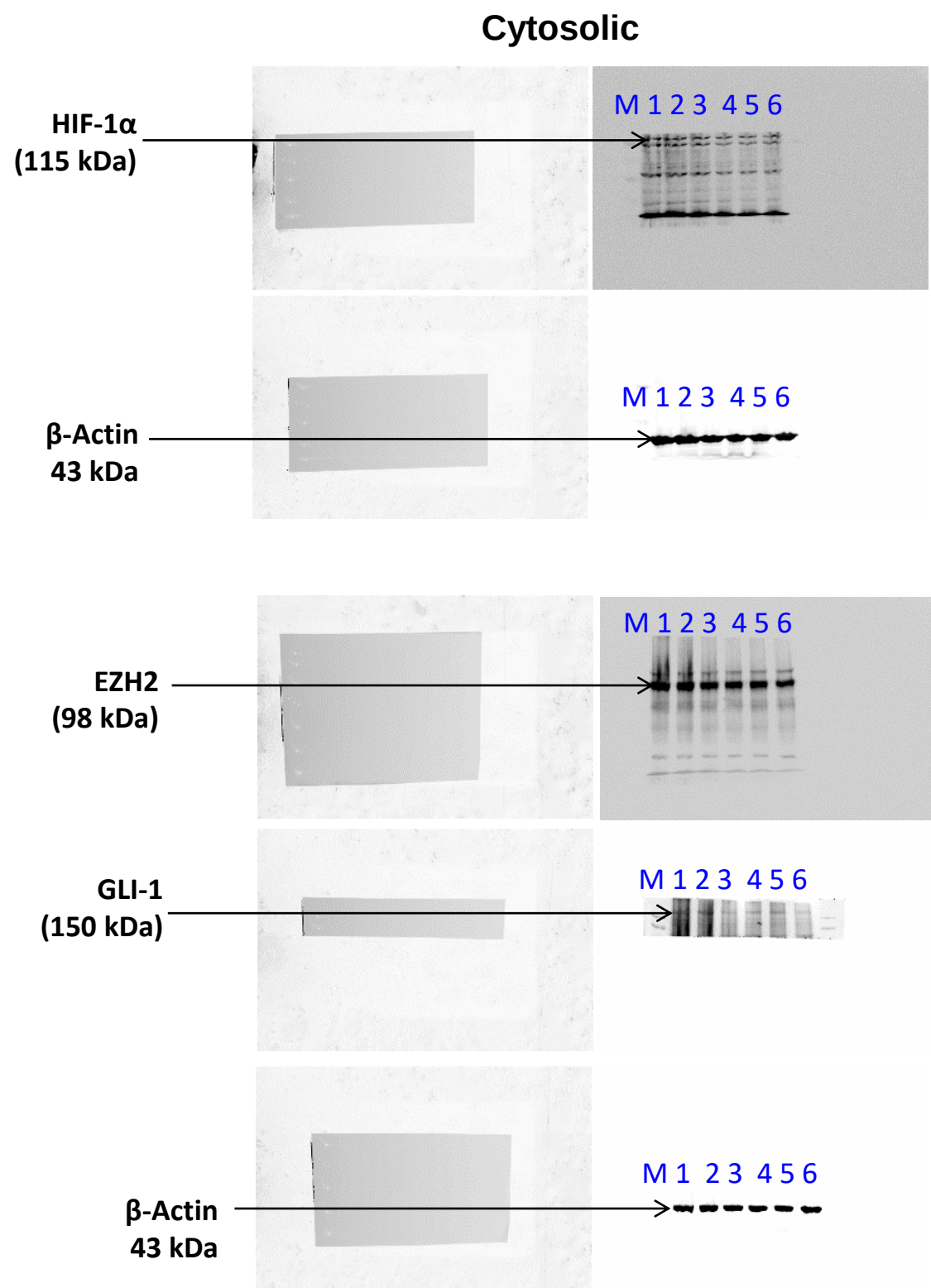


Fig. 4D

	TAMR			ADR		
siNT	-	+	-	-	+	-
siITGA11	-	-	+	-	-	+
Lane labeling:	1	2	3	4	5	6



SET-III

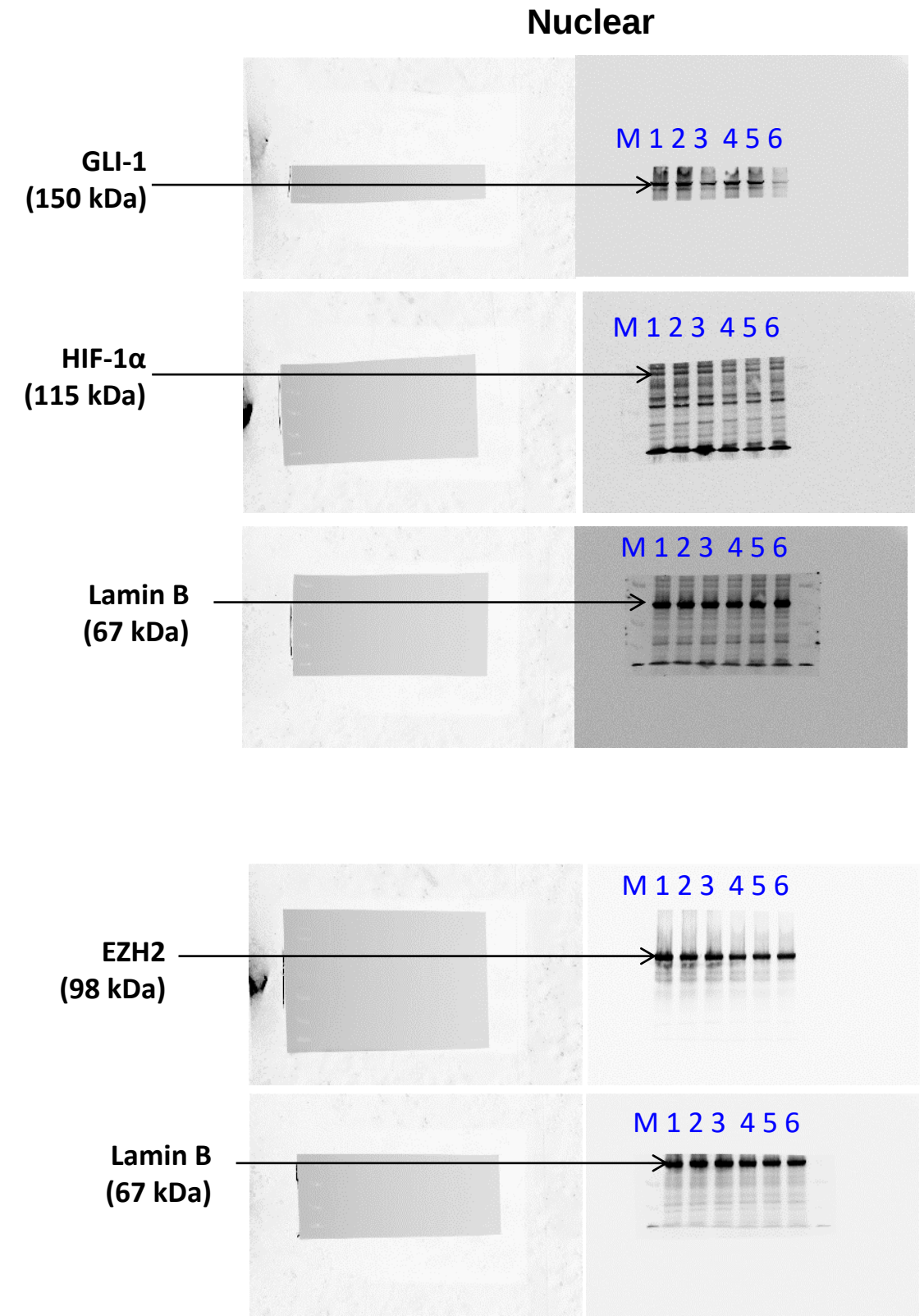
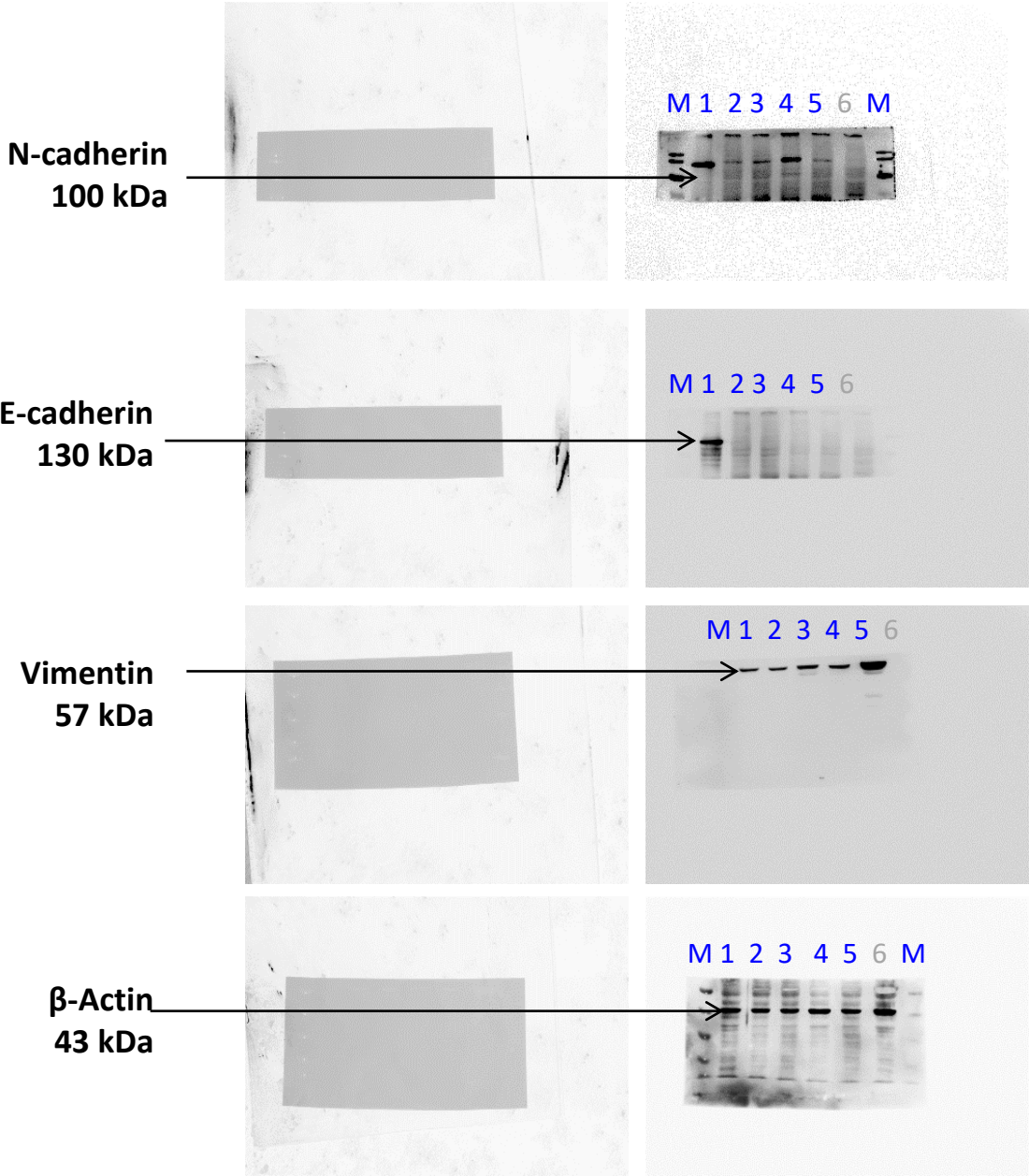


Fig. 5C

Lane labeling: MCF-7 SUZ12 OV EZH2 OV TAMR ADR MDA-MB-231
1 2 3 4 5 6



SET-I

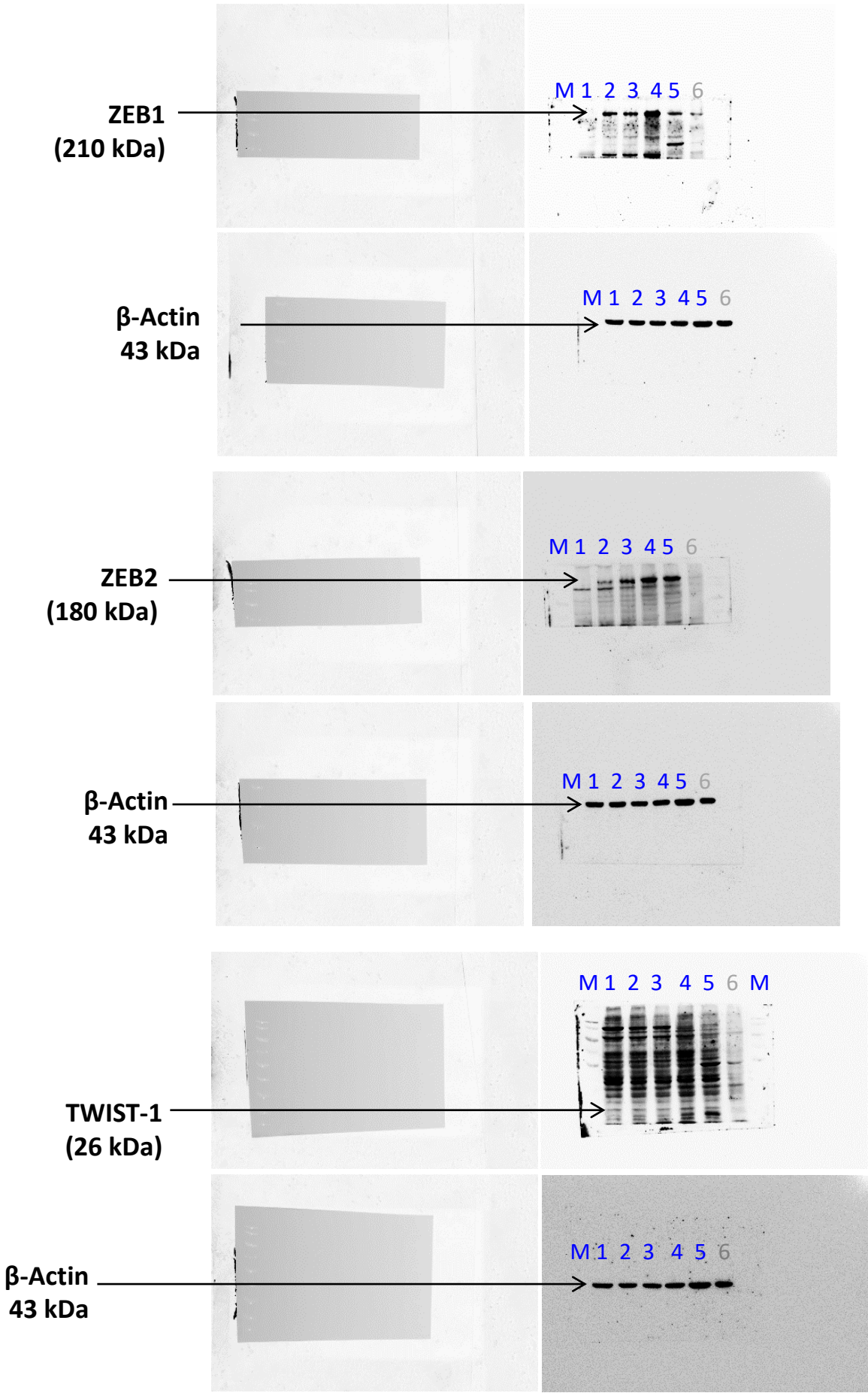
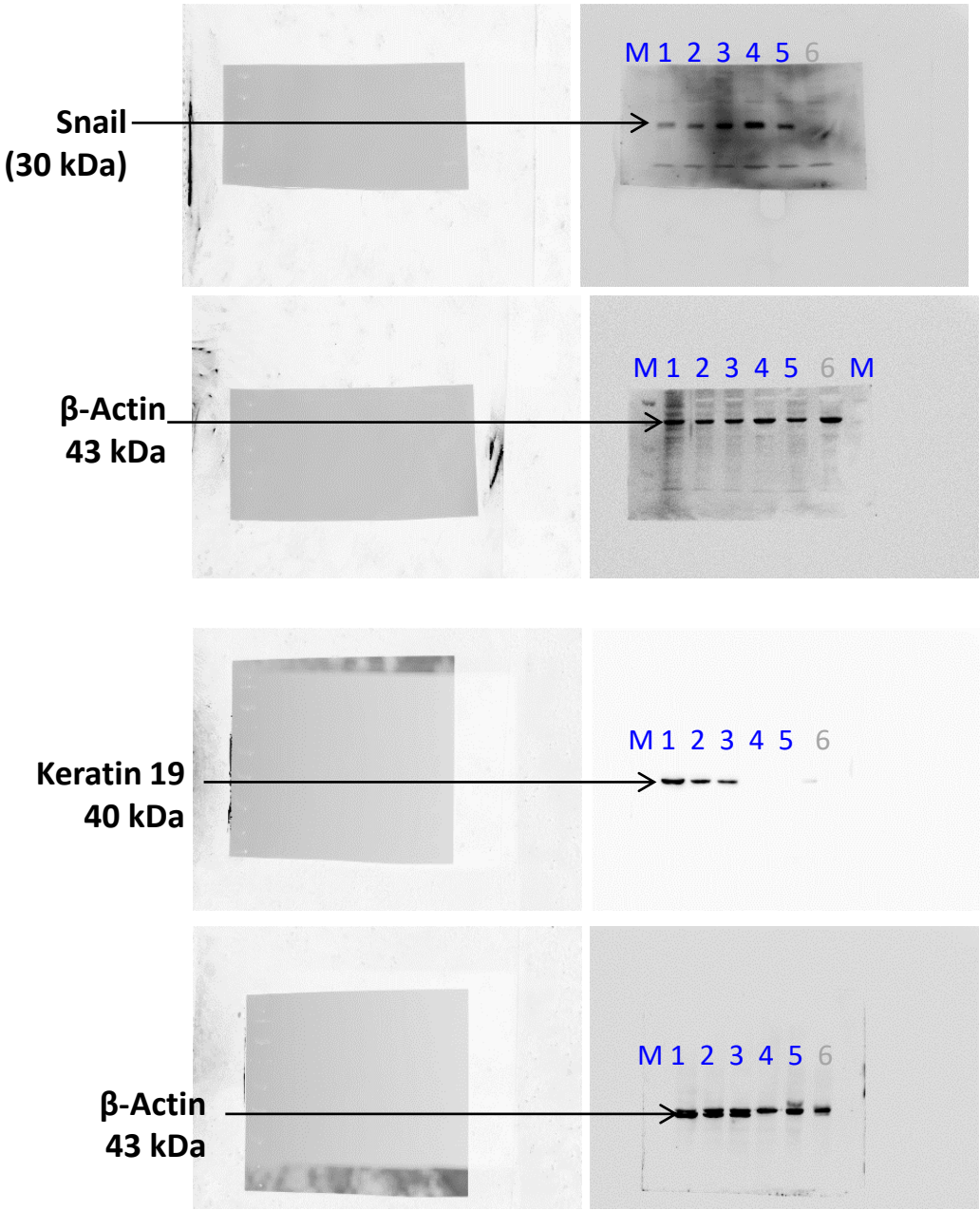


Fig. 5C

Lane labeling:

MCF-7	SUZ12 OV	EZH2 OV	TAMR	ADR	MDA-MB-231
1	2	3	4	5	6

SET-II

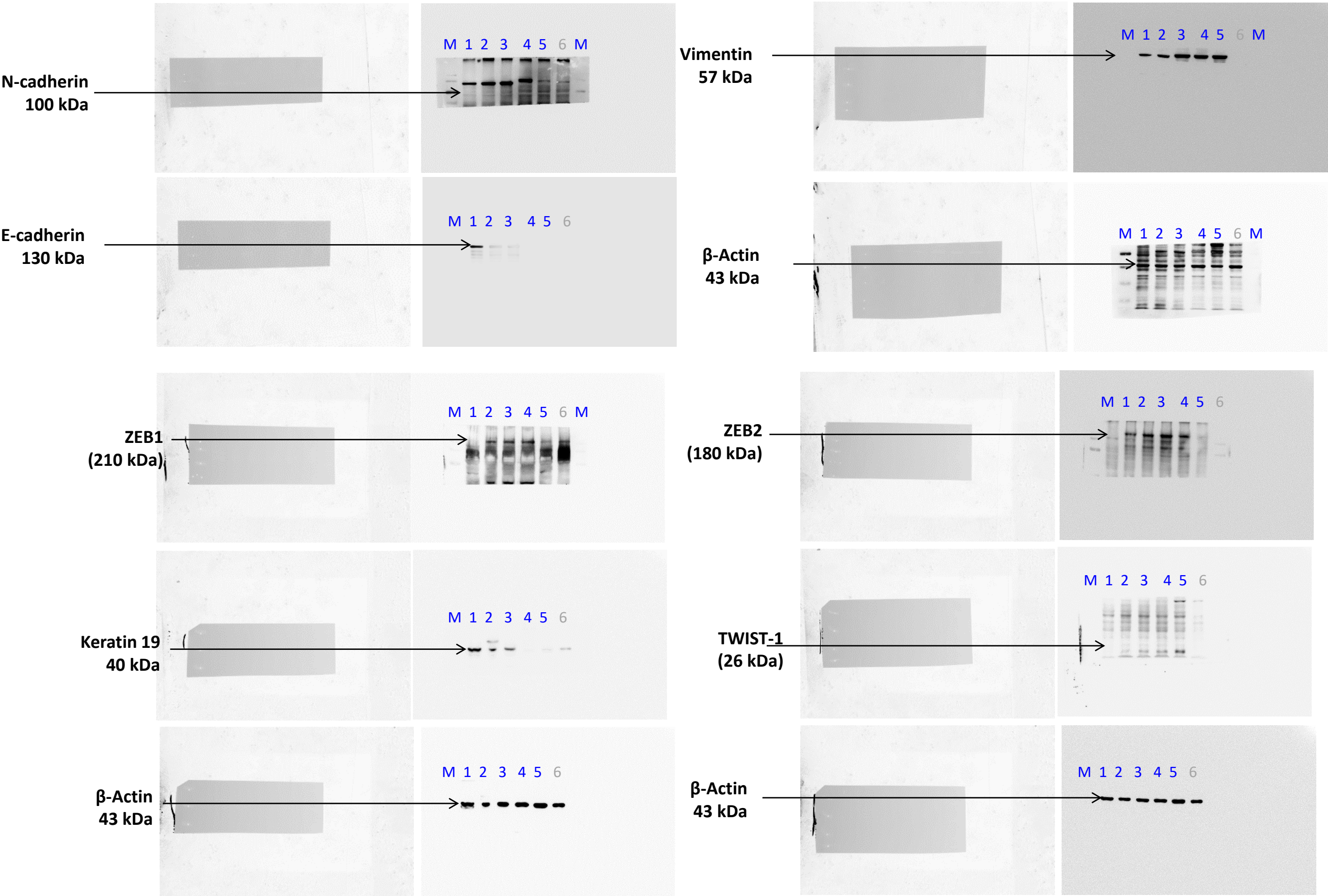


Fig. 5C

SET-III

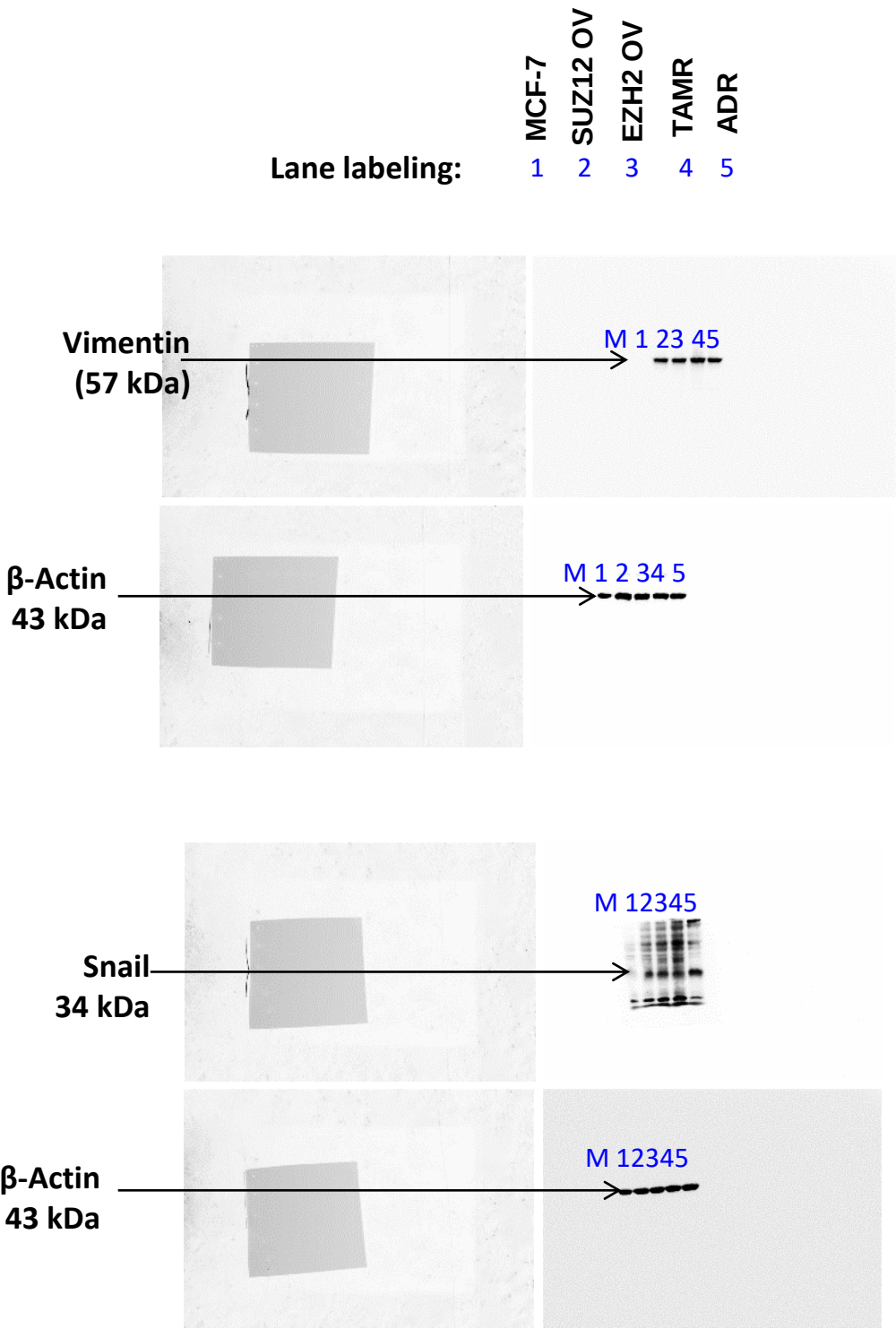
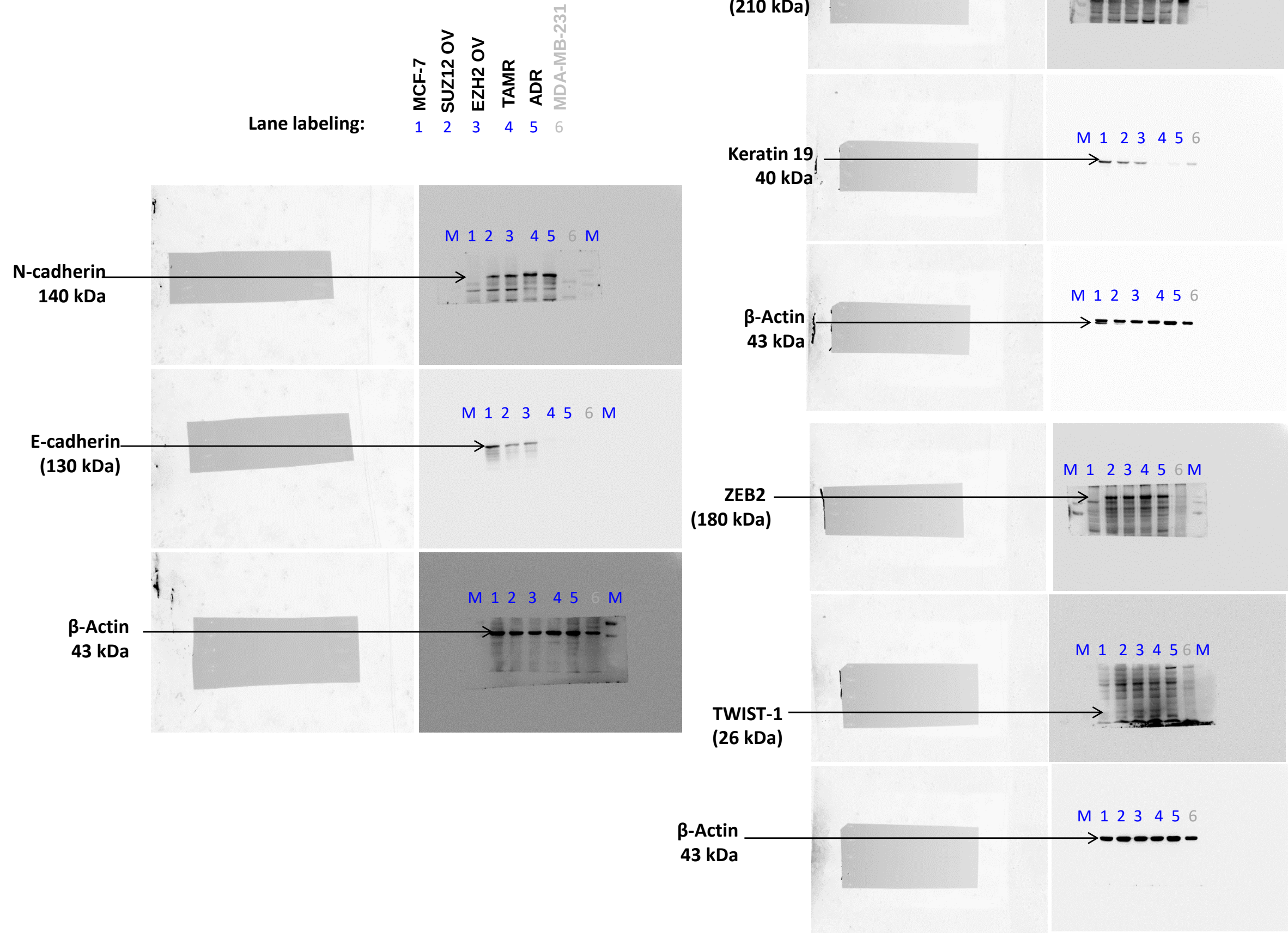


Fig. 5D

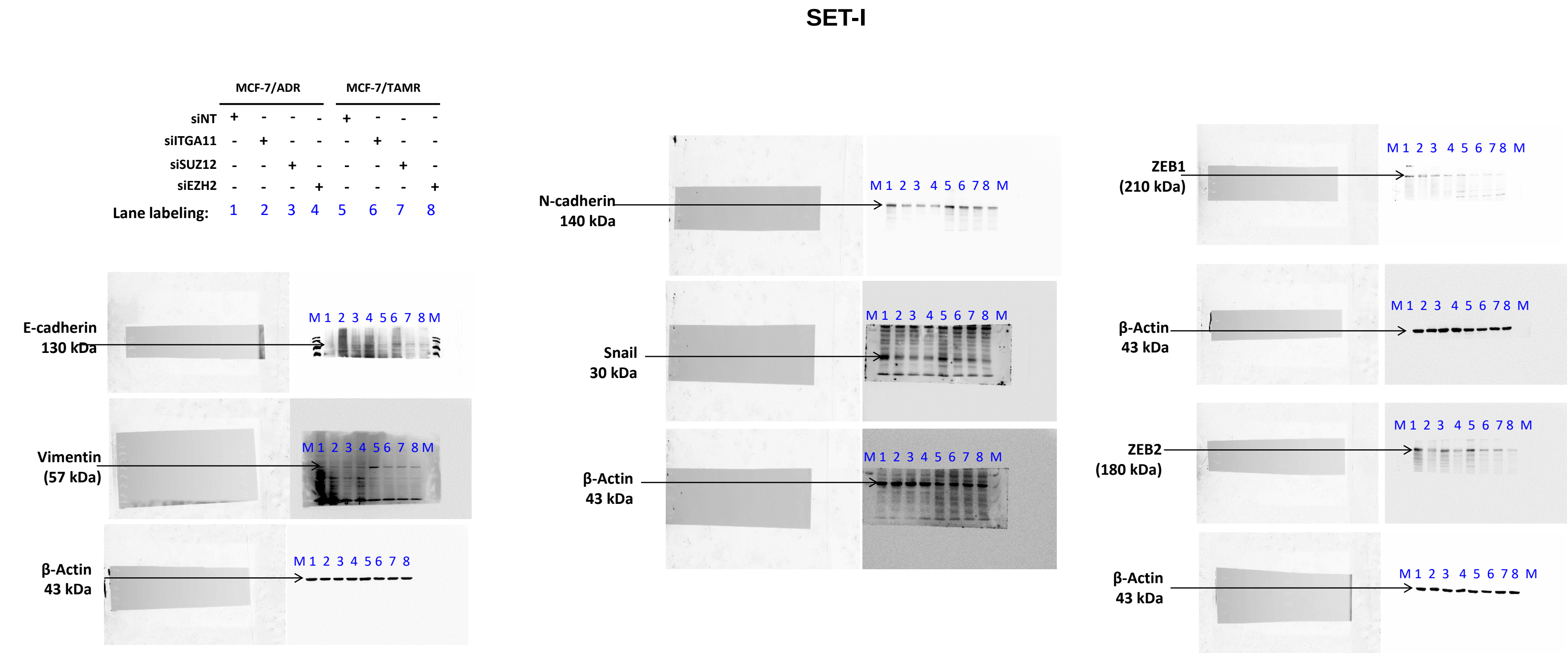


Fig. 5D

SET-II

	TAMR				ADR			
siNT	+	-	-	-	+	-	-	-
siITGA11	-	+	-	-	-	+	-	-
siSUZ12	-	-	+	-	-	-	+	-
siEZH2	-	-	-	+	-	-	-	+
Lane labeling:	1	2	3	4	5	6	7	8

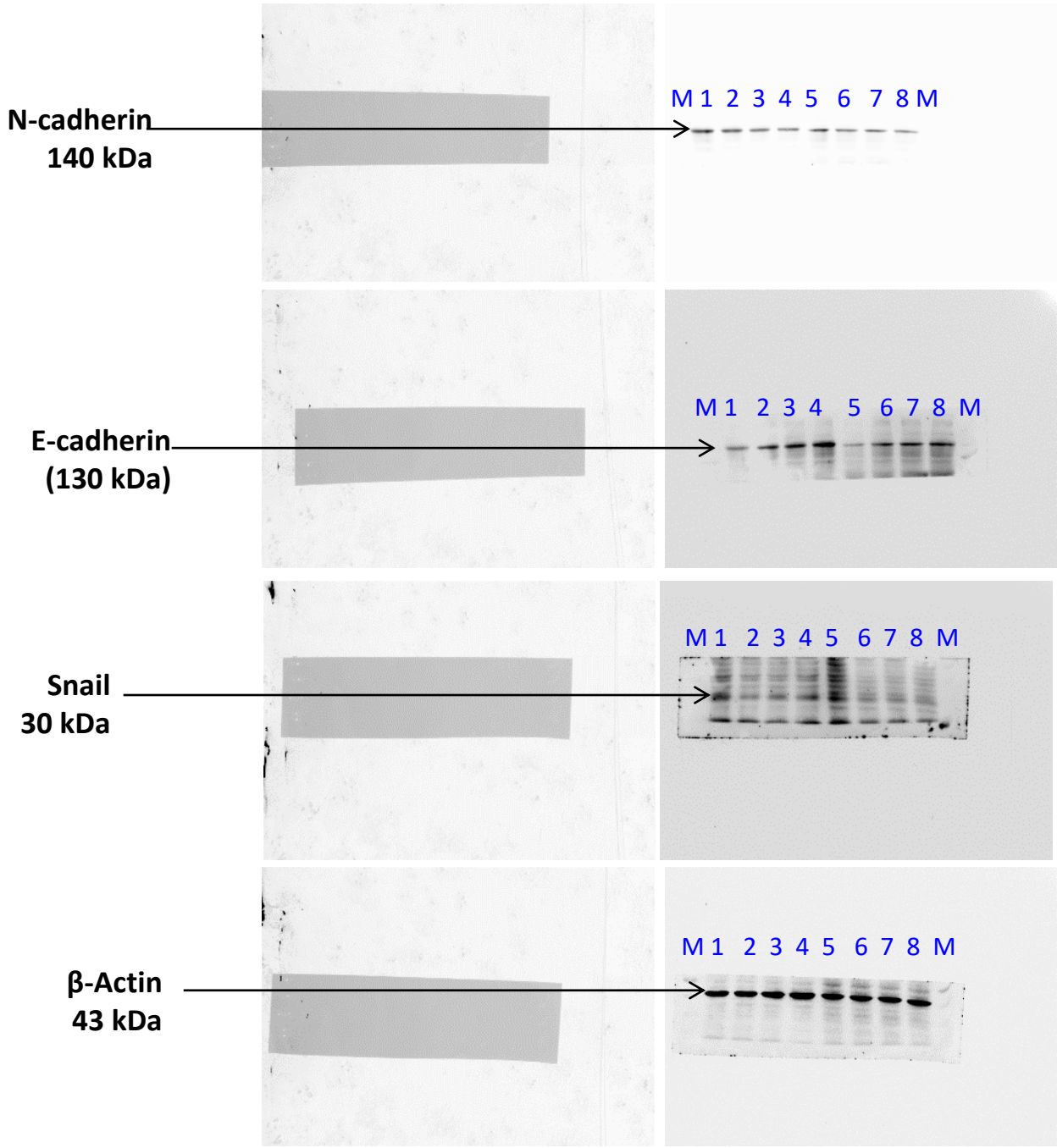
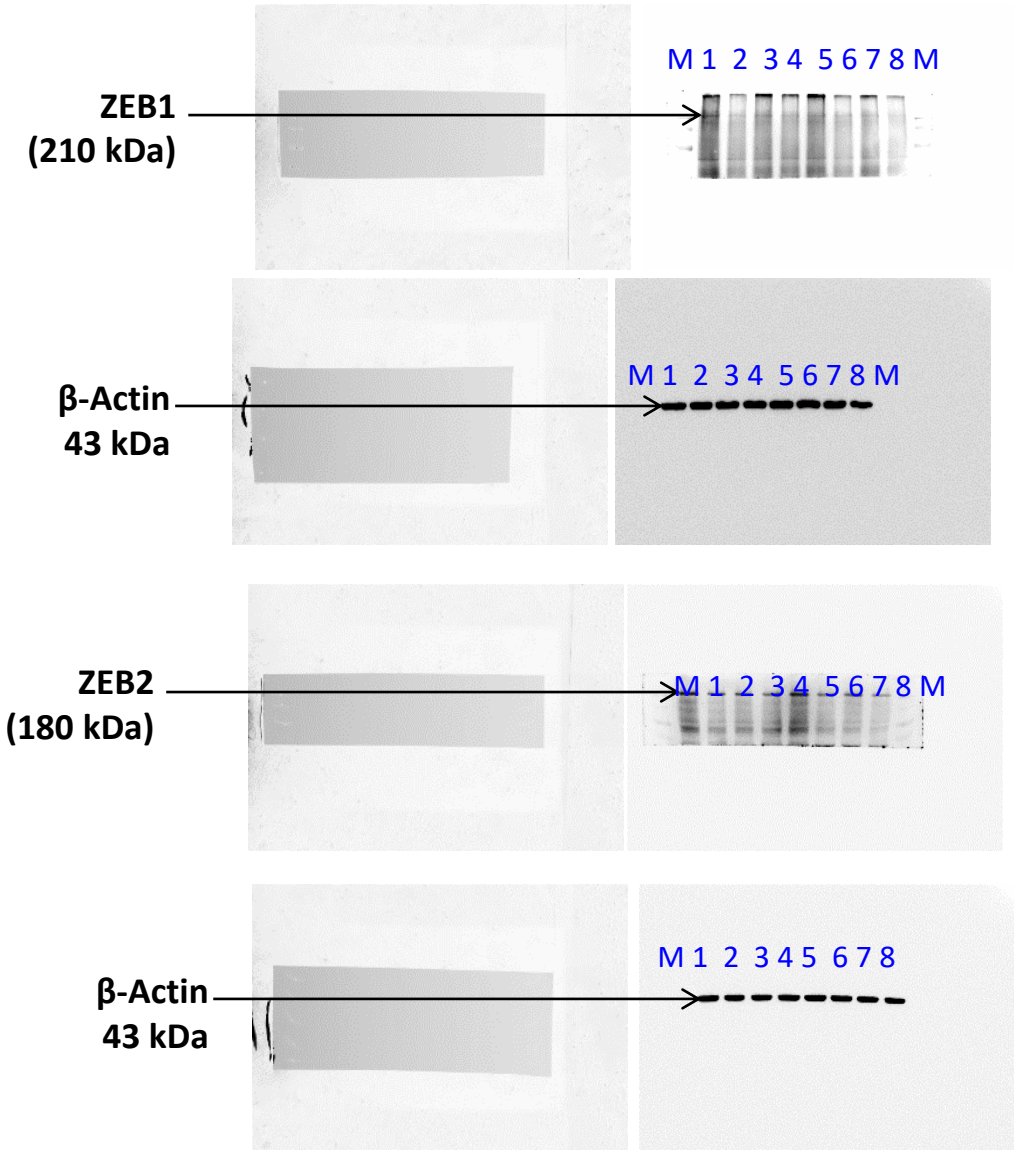
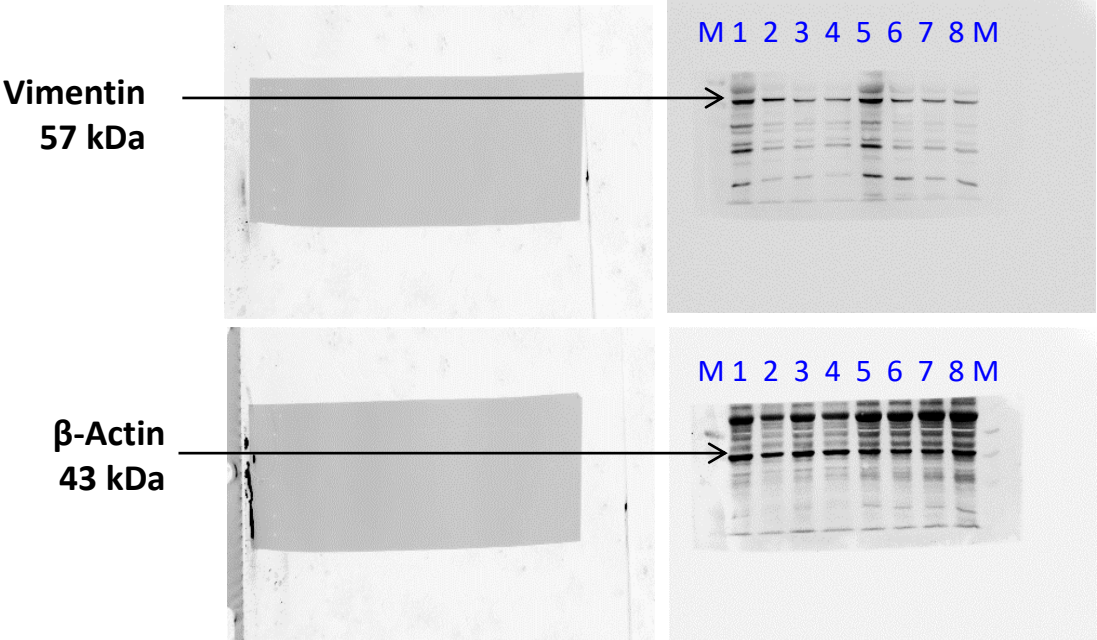


Fig. 5D

