

Project: Cristina plkB

Project Description

Not specified

Researcher's Name

Not specified

Date

Jan 20, 2025, 3:03:12 PM CST

Principal Investigator Name

Not specified

Lab Mailing Address

Not specified

Analysis Software

Empiria Studio® Software v3.2.0.186

Data Location

Not specified

Experiment: JQ1 n2 - EXP250326 A-L

Description

Not specified

Experiment Type

Analysis: HKP + Targets

Date Created

Apr 7, 2025, 1:32:44 PM CDT

Date Edited

Apr 7, 2025, 1:40:17 PM CDT

Image Information

Image Name: 0000963_01

Acquire Date/Time

Apr 3, 2025, 2:41:08 PM CDT

Channels

700, 800

Resolution

169 µm

Comment

jq1 n2 - EXP250326 A-F

User

Not specified

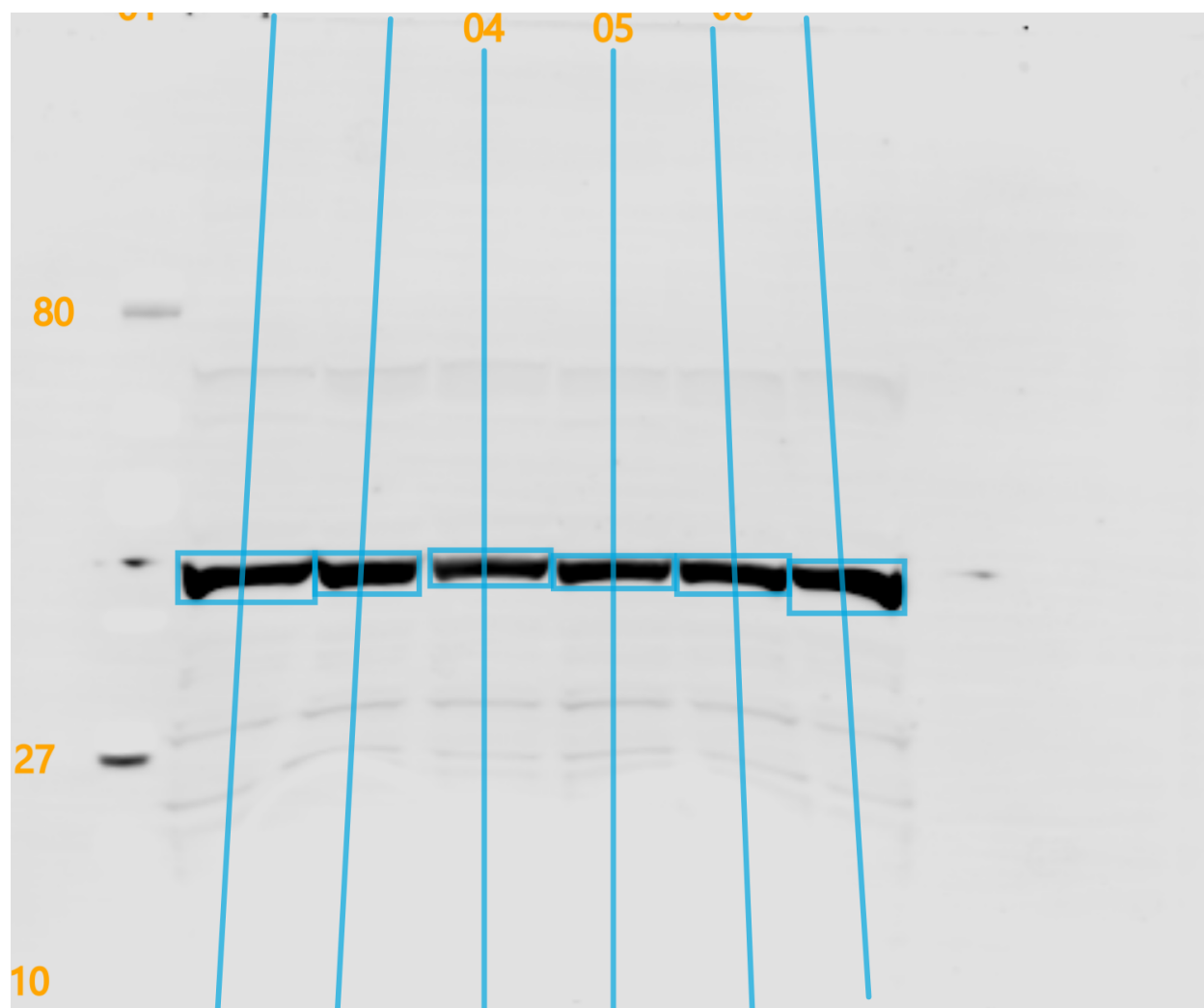
Experimental Analysis

800 Channel

Image Name: 0000963_01

Lane Detection: Manual

Protein: B-Actin



Internal Loading Control Analysis Table

Lane	Name	MW	Signal	SNR	Replicate	Avg. Signal	Avg. SNR	Std. Dev.	% CV	Treatment (nM)	Type
02	DMSO	45.3	21,400	91.5	02					0	Sample
03	MLN 100 nM	45.6	14,500	170	03					0	Sample
04	MLN 200 nM	46.3	10,100	129	04					0	Sample
05	JQ1	46	12,000	124	05					0	Sample
06	JQ1 + MLN...	45.6	13,500	139	06					0	Sample
07	JQ1 + MLN...	44.7	23,500	158	07					0	Sample

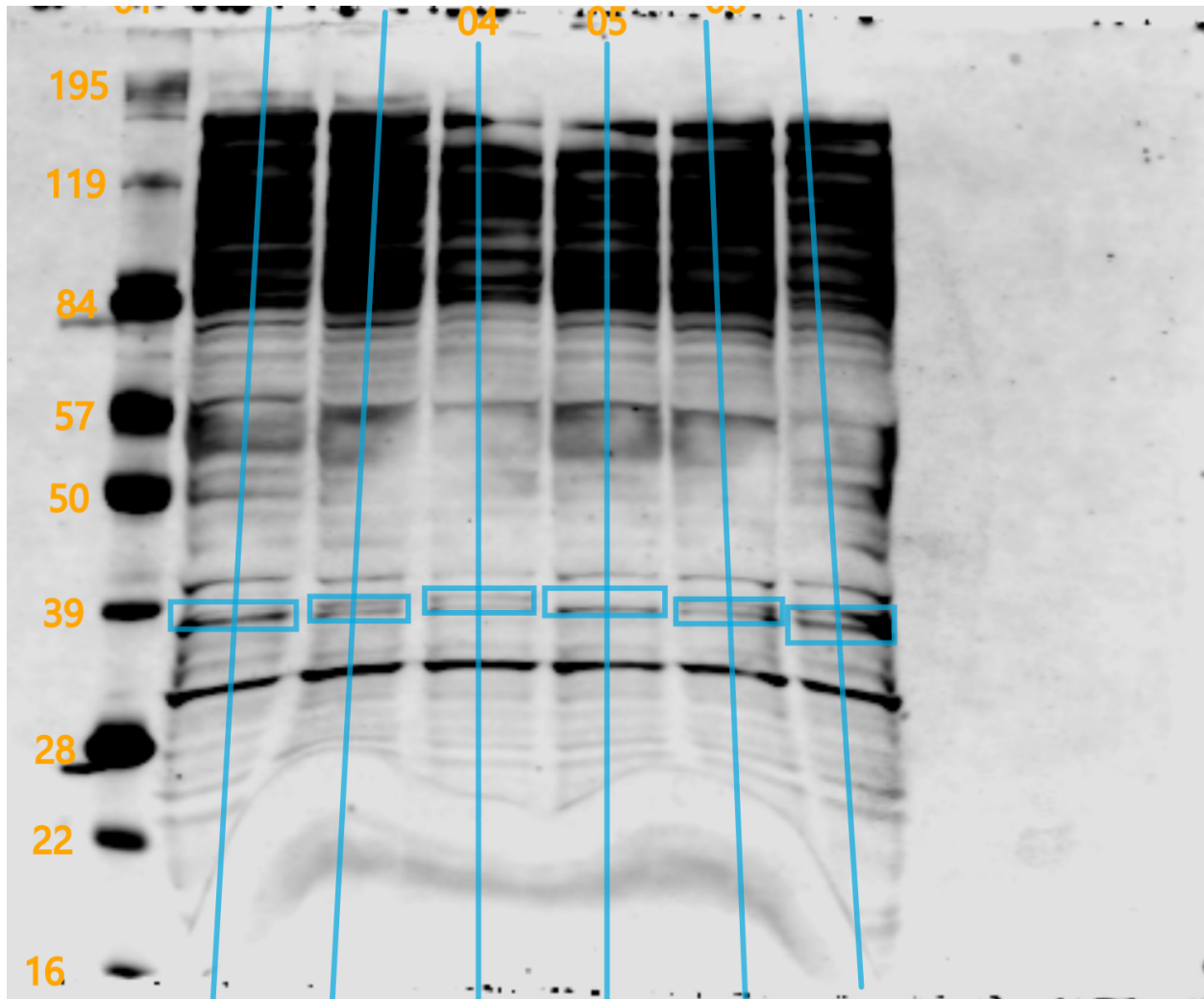
MW values are calculated using marker set iBright 800 on the 800 Channel.

700 Channel

Image Name: 0000963_01

Lane Detection: Manual

Protein: p-IkBα



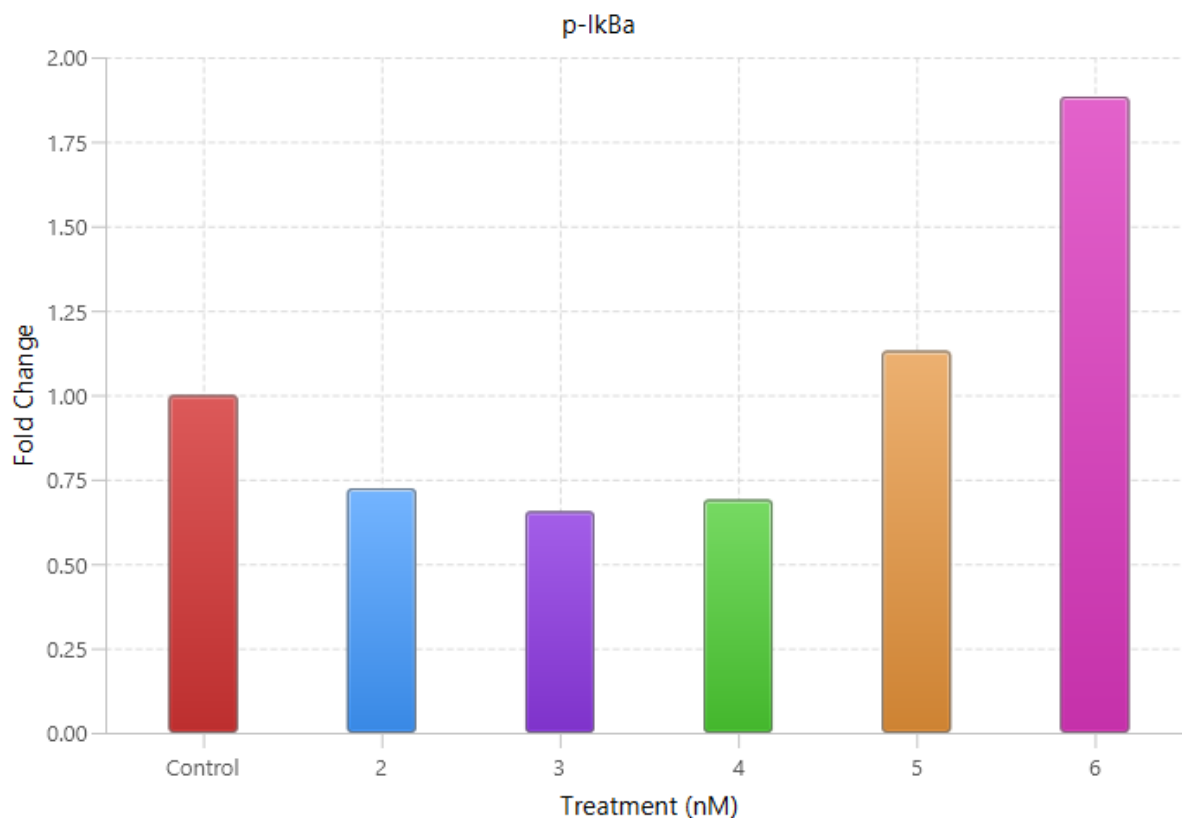
Protein Analysis Table

Lane	Name	MW	Signal	Total	Normalized Signal	SNR	Replicate	Avg. Norm. Signal	Avg. SNR	Std. Dev.	^ % CV	Treatment (nM)	Type
02	DMSO	38.5	776	4,080	853	1.28	02					0	Sample
03	MLN 100 nM	40	380	2,580	617	1.68	03					0	Sample
04	MLN 200 nM	39.5	241	2,510	559	1.32	04					0	Sample
05	JQ1	39.5	301	3,090	589	1.53	05					0	Sample
06	JQ1 + MLN ...	39	556	2,820	964	2.37	06					0	Sample
07	JQ1 + MLN ...	37.8	1,610	5,410	1,610	2.20	07					0	Sample

MW values are calculated using marker set iBright 700 on the 700 Channel.

700 Channel (continued)

Fold Change Chart



Error bars indicate the standard deviation for each replicate group.

Fold Change Table

Lane	Treatment (X-Axis)	Treatment (nM)	Fold Change
02	Control	0.00	1.00
03	2	0.00	0.724
04	3	0.00	0.656
05	4	0.00	0.691
06	5	0.00	1.13
07	6	0.00	1.88

MW Marker Tables

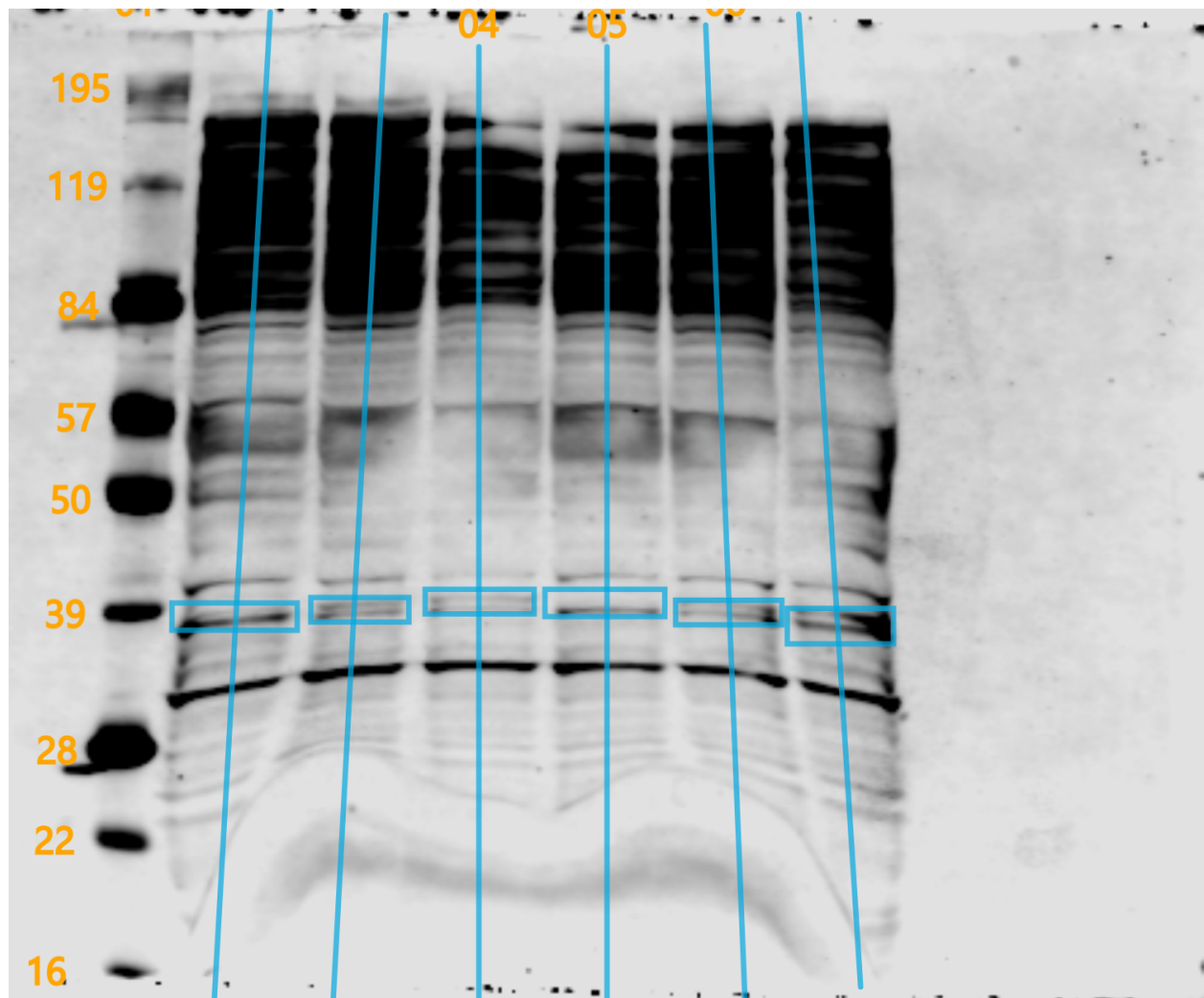
MW Marker Set iBright 800 on the 800 Channel

Channel	Lane	Name	Band Name	MW
800	01	Ladder	B01	80
800	01	Ladder	B02	27
800	01	Ladder	B03	10

MW Marker Set iBright 700 on the 700 Channel

Channel	Lane	Name	Band Name	MW
700	01	Ladder	B01	195
700	01	Ladder	B02	119
700	01	Ladder	B03	84
700	01	Ladder	B04	57
700	01	Ladder	B05	50
700	01	Ladder	B06	39
700	01	Ladder	B07	28
700	01	Ladder	B08	22
700	01	Ladder	B09	16

Summary



Experimental Observations

Not specified

Next Steps

Not specified

Summary

Not specified

Signatures

Researcher		
<div>Signature</div>	<div>Printed Name</div>	<div>Date</div>

Witness		
<div>Signature</div>	<div>Printed Name</div>	<div>Date</div>