

Project: Aubrey A3G/TRIM21

Project Description

Not specified

Researcher's Name

Aubrey Sawyer

Date

May 26, 2023, 1:13:08 PM CDT

Principal Investigator Name

Not specified

Lab Mailing Address

Not specified

Analysis Software

Empiria Studio® Software v2.2.0.141

Data Location

Not specified

Experiment: 9-22-22 A3G T21 with NU611 5, 10, 15uM

Description

Not specified

Experiment Type

Analysis: HKP + Targets

Date Created

Jan 9, 2025, 6:17:54 PM CST

Date Edited

Jan 9, 2025, 6:30:30 PM CST

Image Information

Image Name: 0000363_01

Acquire Date/Time

Oct 24, 2022, 11:10:50 AM CDT

Channels

700, 800

Resolution

169 µm

Comment

9-22-2 A3G NU611

User

Not specified

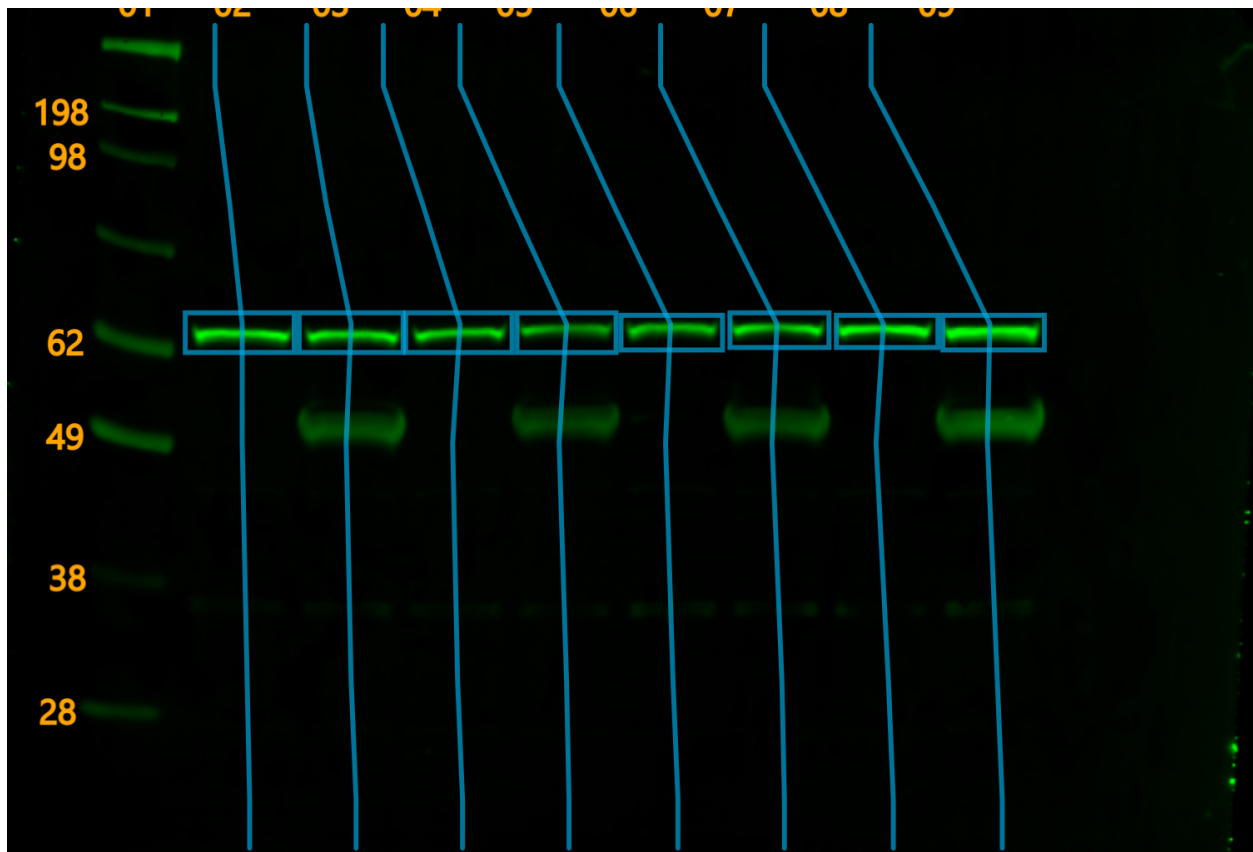
Experimental Analysis

800 Channel

Image Name: 0000363_01

Lane Detection: Automatic Lane Finding

Protein: Lamin B



Internal Loading Control Analysis Table

Lane	Name	MW	Signal	SNR	Replicate	Avg. Signal	Avg. SNR	Std. Dev.	% CV	∇	Treatment (%)	Type
02	A3G DMSO	63.5	4,610	42.3	02					0		Sample
03	A3G TRIM2...	63.5	4,010	36.9	03					0		Sample
04	A3G NU61...	63.5	3,490	49.2	04					0		Sample
05	A3G TRIM2...	63.8	2,770	26.7	05					0		Sample
06	A3G NU61...	63.1	3,380	78.9	06					0		Sample
07	A3G TRIM2...	63.5	3,590	42.2	07					0		Sample
08	A3G NU61...	63.5	4,620	79.7	08					0		Sample
09	A3G TRIM2...	63.1	5,510	65.9	09					0		Sample

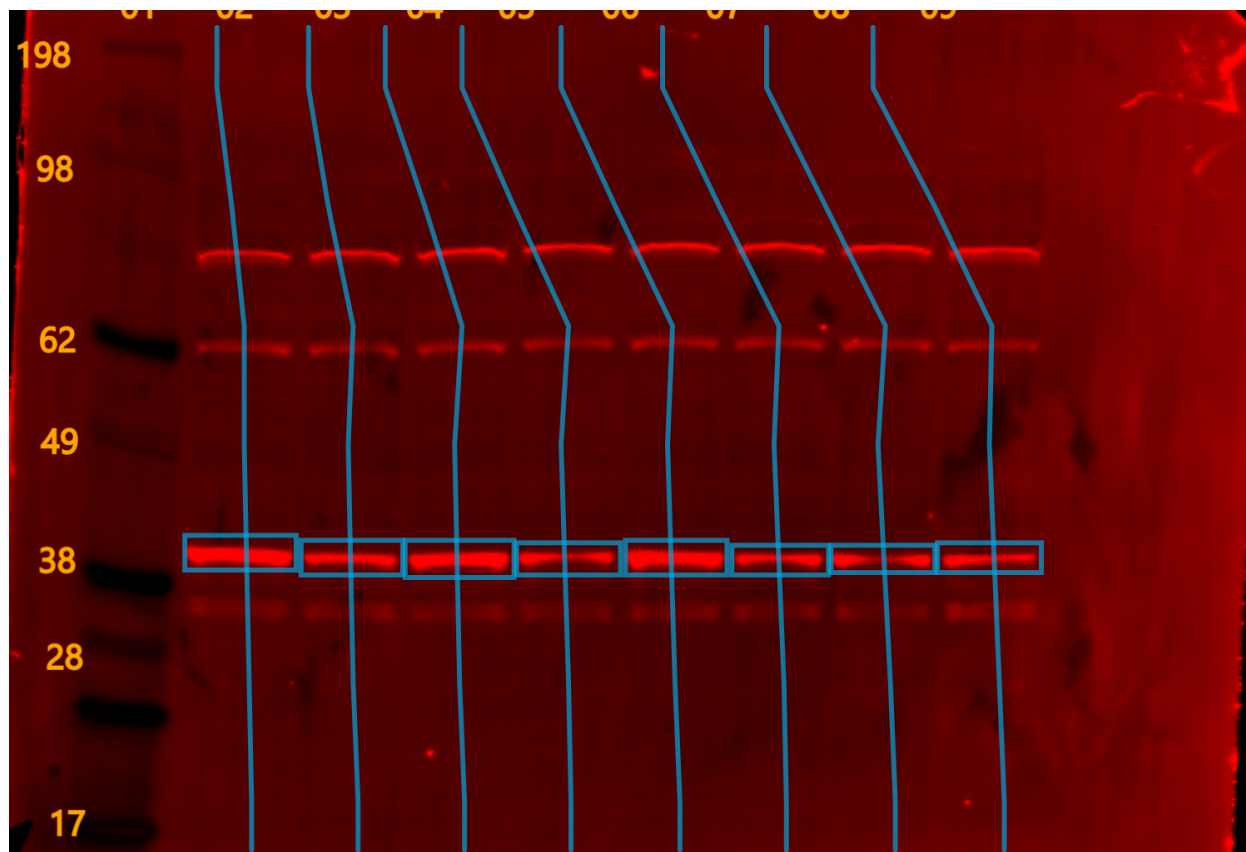
MW values are calculated using marker set SeeBlue on the 800 Channel.

700 Channel

Image Name: 0000363_01

Lane Detection: Automatic Lane Finding

Protein: A3G



Protein Analysis Table

Lane	Name	MW	Signal	Total	Normalized Signal	SNR	Replicate	Avg. Norm. Signal	Avg. SNR	Std. Dev.	^ % CV	Treatment (%)	Type
02	A3G DMSO	38.6	30,900	53,400	36,900	34.0	02					0	Sample
03	A3G TRIM2...	38.2	10,200	30,600	14,000	9.49	03					0	Sample
04	A3G NU611...	38.2	22,200	45,600	35,100	42.0	04					0	Sample
05	A3G TRIM2...	38.4	8,210	27,600	16,400	13.8	05					0	Sample
06	A3G NU611...	38.4	22,800	42,900	37,200	41.4	06					0	Sample
07	A3G TRIM2...	38.2	8,280	24,400	12,700	13.7	07					0	Sample
08	A3G NU611...	38.2	8,590	25,400	10,300	13.9	08					0	Sample
09	A3G TRIM2...	38.2	7,250	26,800	7,250	3.19	09					0	Sample

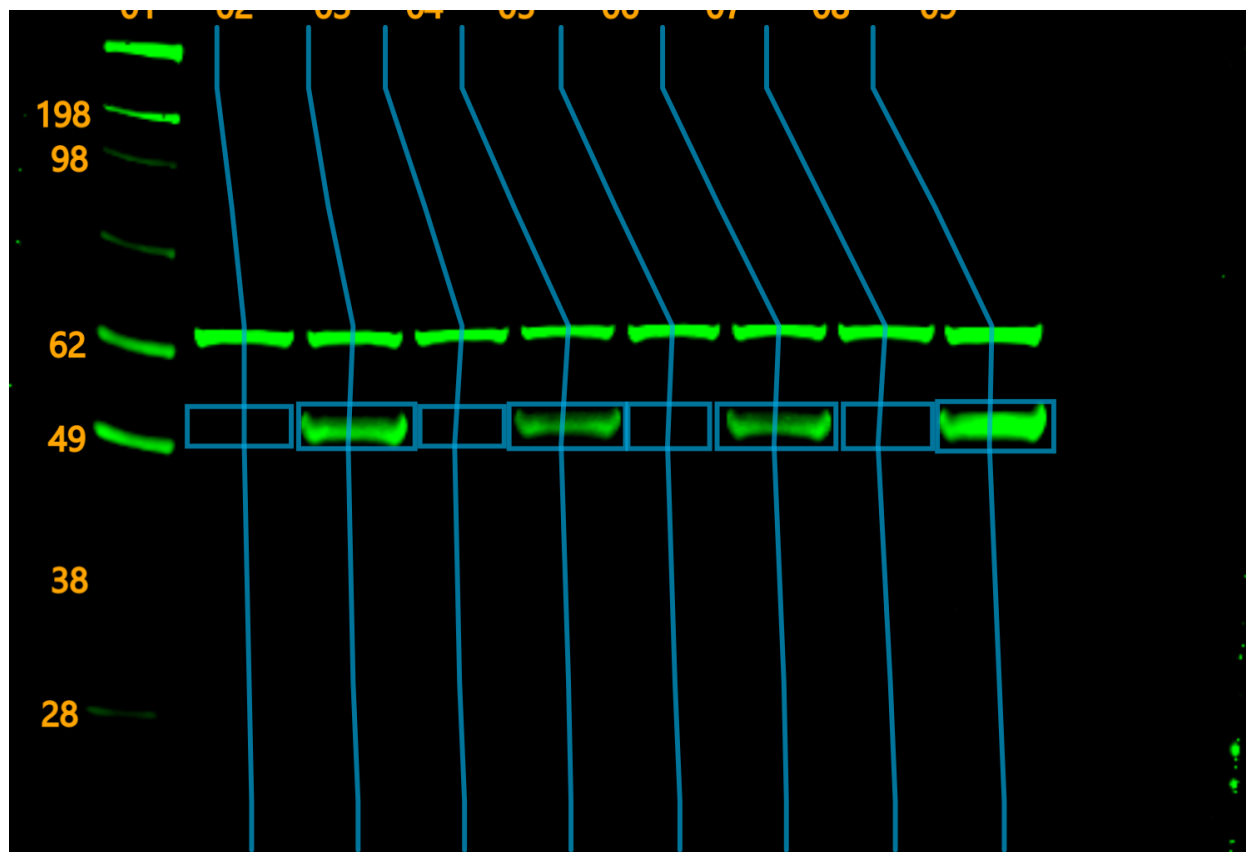
MW values are calculated using marker set SeeBlue on the 700 Channel.

800 Channel

Image Name: 0000363_01

Lane Detection: Automatic Lane Finding

Protein: TRIM21



Protein Analysis Table

Lane	Name	MW	Signal	Total	Normalized Signal	SNR	Replicate	Avg. Norm. Signal	Avg. SNR	Std. Dev.	^ % CV	Treatment (%)	Type
02	A3G DMSO	50.4	80.6	1,490	96.2	0.641	02					0	Sample
03	A3G TRIM2...	49.8	3,920	5,650	5,380	24.4	03					0	Sample
04	A3G NU611...	49	11.5	1,170	18.2	0.245	04					0	Sample
05	A3G TRIM2...	50.4	3,060	4,840	6,100	34.6	05					0	Sample
06	A3G NU611...	51.3	30.3	1,220	49.3	0.716	06					0	Sample
07	A3G TRIM2...	50.4	3,320	5,000	5,100	27.4	07					0	Sample
08	A3G NU611...	48.2	-24.7	1,250	-29.4	-0.347	08					0	Sample
09	A3G TRIM2...	50.4	4,940	6,940	4,940	27.2	09					0	Sample

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

MW Marker Tables

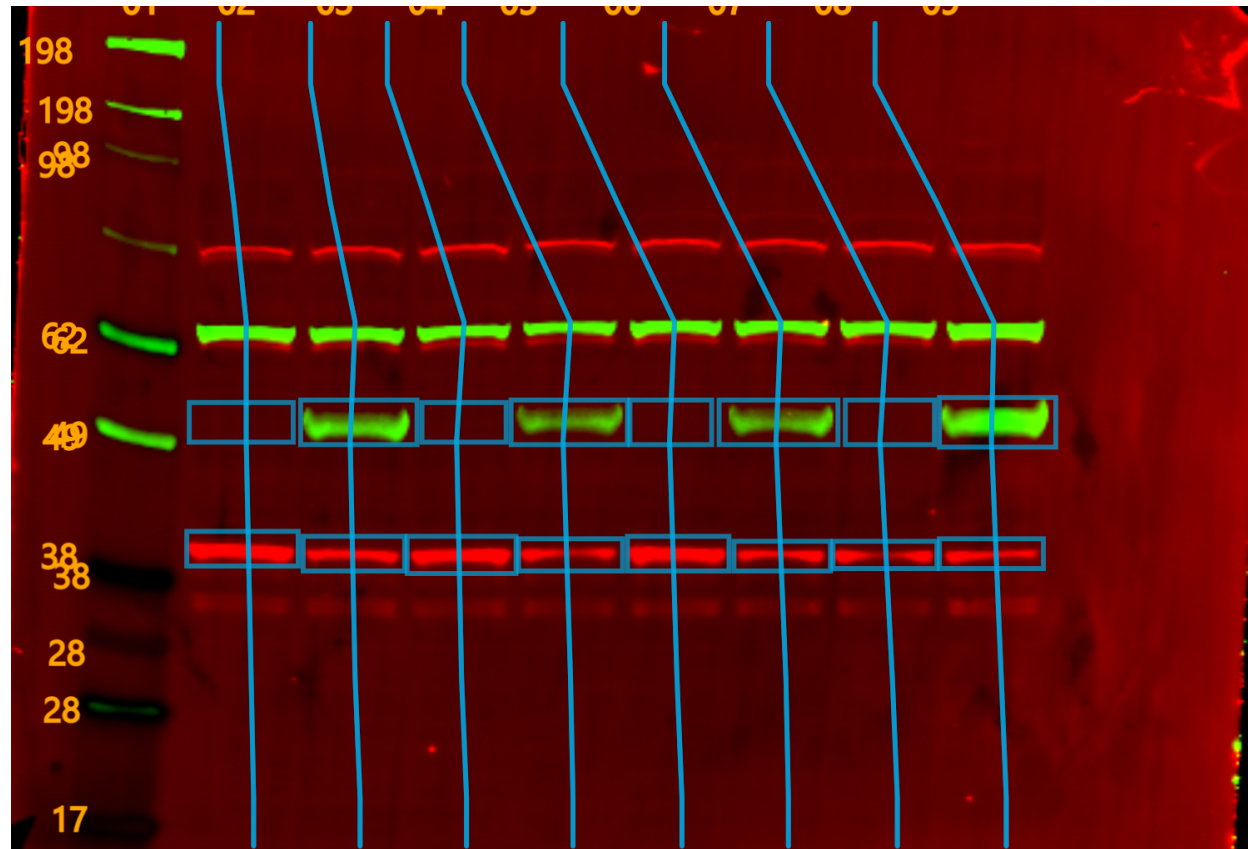
MW Marker Set SeeBlue on the 800 Channel

Channel	Lane	Name	Band Name	MW
800	01	Lane01	B01	198
800	01	Lane01	B02	98
800	01	Lane01	B03	62
800	01	Lane01	B04	49
800	01	Lane01	B05	38
800	01	Lane01	B06	28

MW Marker Set SeeBlue on the 700 Channel

Channel	Lane	Name	Band Name	MW
700	01	Lane01	B01	198
700	01	Lane01	B02	98
700	01	Lane01	B03	62
700	01	Lane01	B04	49
700	01	Lane01	B05	38
700	01	Lane01	B06	28
700	01	Lane01	B07	17

Summary



Experimental Observations

Not specified

Next Steps

Not specified

Summary

Not specified

Signatures

Researcher		
<hr/>	<hr/>	<hr/>
<i>Signature</i>	<i>Printed Name</i>	<i>Date</i>

Witness		
<hr/>	<hr/>	<hr/>
<i>Signature</i>	<i>Printed Name</i>	<i>Date</i>