

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: 11-10-2022 A, B, C with TRIM21

Description

Not specified

Experiment Type

Analysis: HKP + Targets

Date Created

Jan 8, 2025, 3:10:13 PM CST

Date Edited

Jan 8, 2025, 3:15:19 PM CST

Image Information

Image Name: 0000408_01

Acquire Date/Time

Dec 21, 2022, 2:56:20 PM CST

Channels

700, 800

Resolution

169 µm

Comment

11-10-2022 A, B, C with TRIM1`

User

Not specified

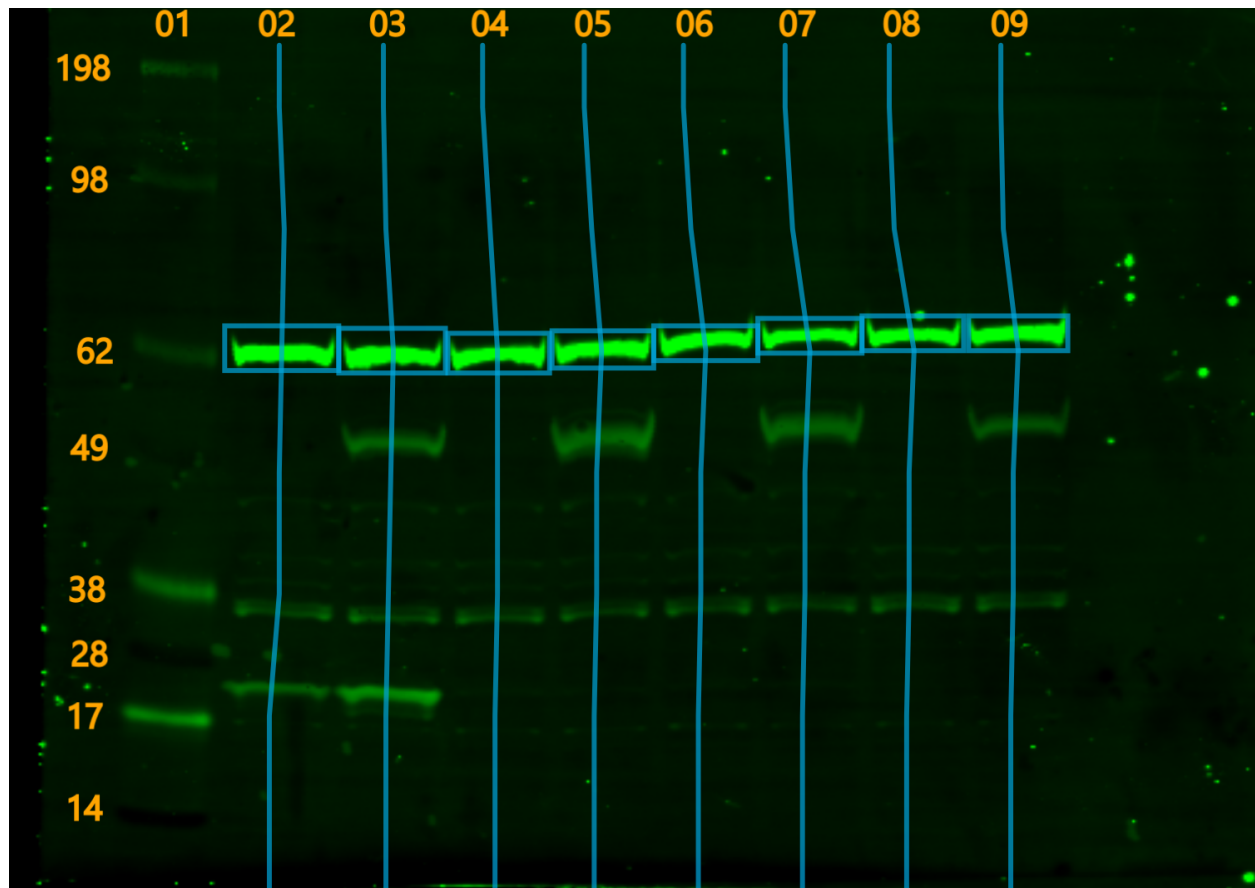
Experimental Analysis

800 Channel

Image Name: 0000408_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	A3A	62.3	4,500	51.5	02					0		Sample
03	A with TRI...	62	4,310	52.2	03					0		Sample
04	A3B	62	3,870	75.1	04					0		Sample
05	B with TRI...	62.7	3,730	71.2	05					0		Sample
06	A3C	63.7	4,100	75.8	06					0		Sample
07	C with TRI...	64.4	3,070	63.0	07					0		Sample
08	A3D	64.4	3,780	79.1	08					0		Sample
09	D with TRI...	64.7	4,040	61.8	09					0		Sample

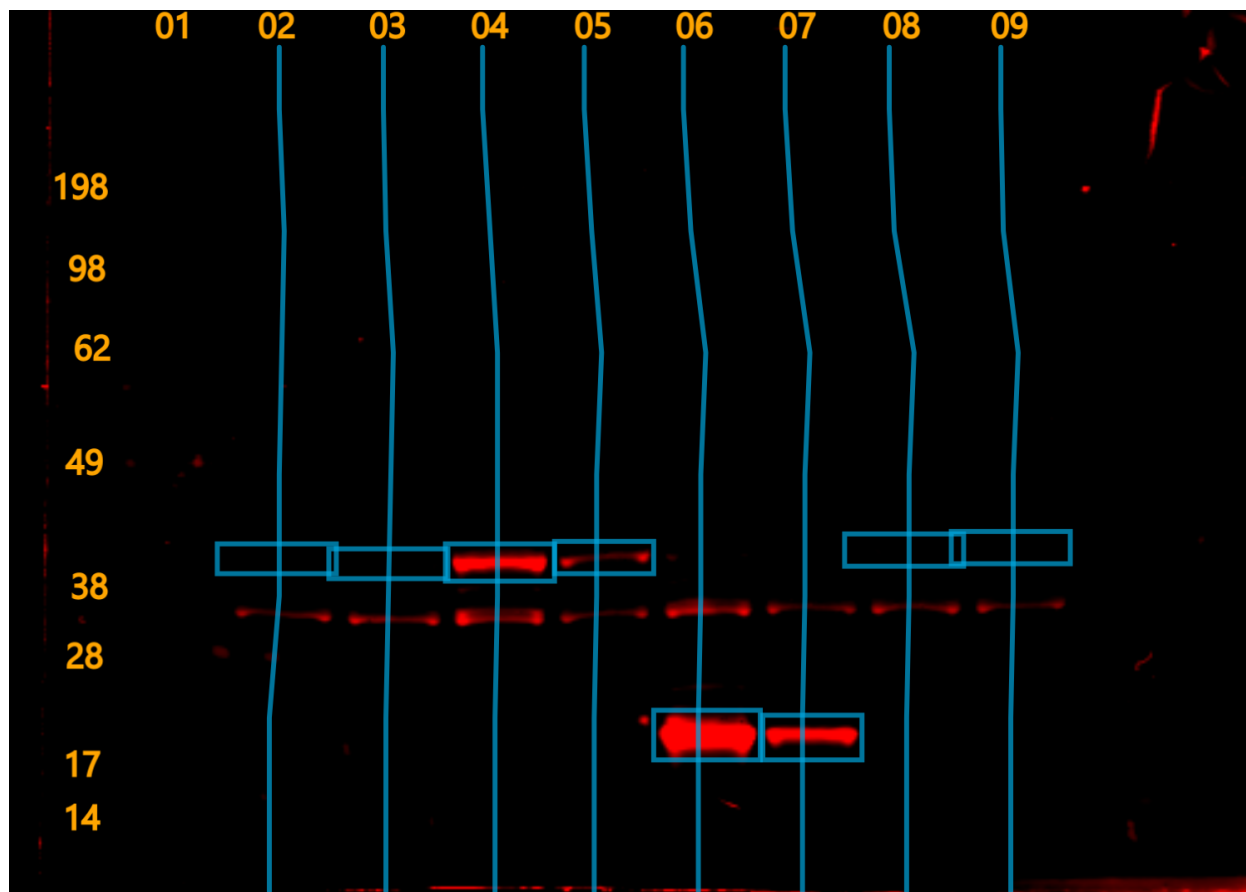
MW values are calculated using marker set SeeBlue on the 800 Channel.

700 Channel

Image Name: 0000408_01

Lane Detection: Automatic Lane Finding

Protein: A3s



Protein Analysis Table

Lane	Name	MW	Signal	Total	Normalized Signal	SNR	Replicate	Avg. Norm. Signal	Avg. SNR	Std. Dev.	^ % CV	Treatment (%)	Type
02	A3A	36.2	266	9,290	266	0.59	02					0	Sample
03	A with TRIM...	35.7	361	9,370	377	0.721	03					0	Sample
04	A3B	36	10,200	20,700	11,800	19.4	04					0	Sample
05	B with TRIM...	36.4	2,910	11,100	3,510	6.19	05					0	Sample
06	A3C	19	28,000	42,600	30,800	13.6	06					0	Sample
07	C with TRIM...	19	9,030	20,400	13,200	11.7	07					0	Sample
08	A3D	37.2	735	10,800	875	1.07	08					0	Sample
09	D with TRIM...	37.2	476	10,400	530	0.737	09					0	Sample

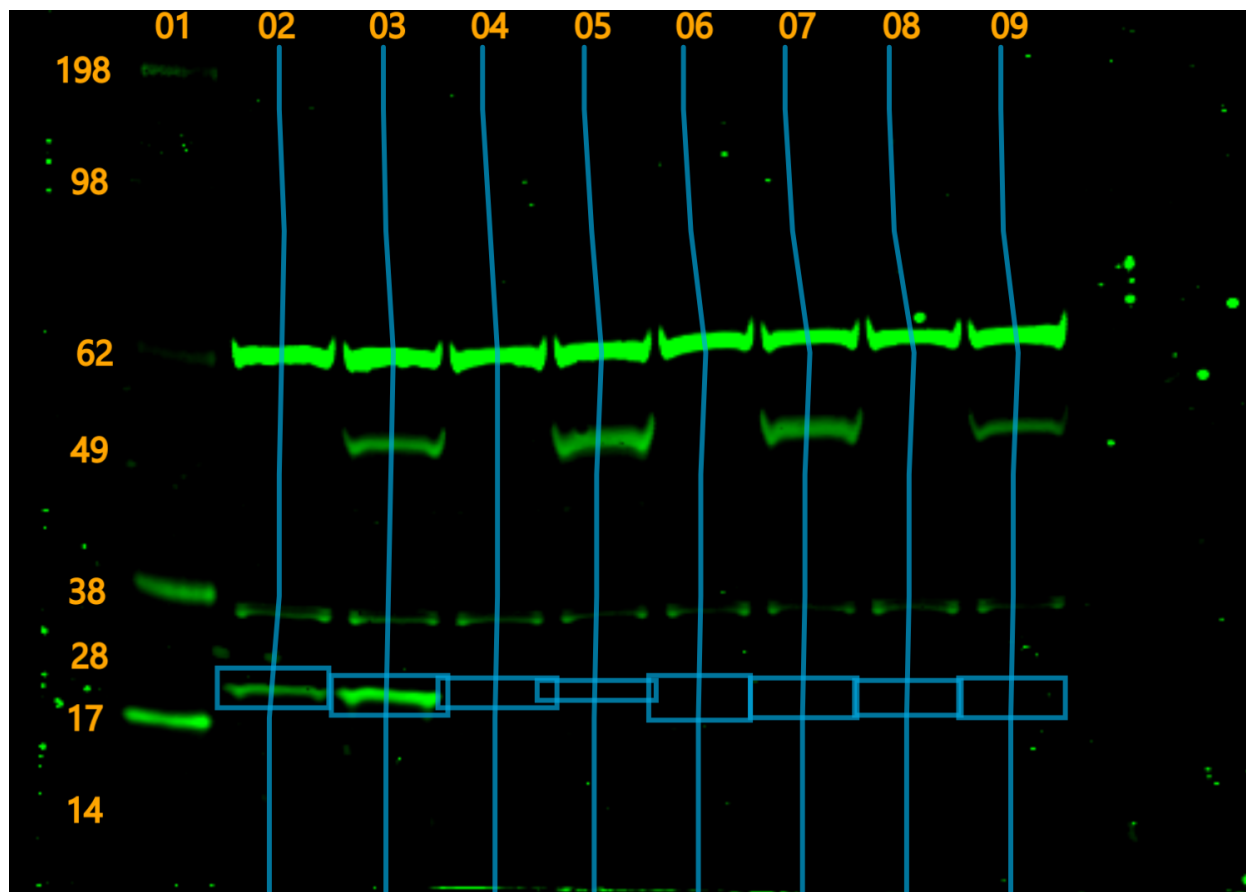
MW values are calculated using marker set SeeBlue on the 700 Channel.

800 Channel

Image Name: 0000408_01

Lane Detection: Automatic Lane Finding

Protein: A3A



Protein Analysis Table

Lane	Name	MW	Signal	Total	Normalized Signal	SNR	Replicate	Avg. Norm. Signal	Avg. SNR	Std. Dev.	^ % CV	Treatment (%)	Type
02	A3A	19.4	577	2,010	577	5.27	02					0	Sample
03	A with TRIM...	18.9	1,110	2,620	1,160	14.5	03					0	Sample
04	A3B	18.9	48.7	1,170	56.6	0.887	04					0	Sample
05	B with TRIM...	19.1	7.72	731	9.30	0.202	05					0	Sample
06	A3C	19.7	3.41	1,380	3.75	0.078	06					0	Sample
07	C with TRIM...	19.7	-13.1	1,250	-19.2	-0.218	07					0	Sample
08	A3D	19.7	-5.63	1,110	-6.70	-0.119	08					0	Sample
09	D with TRIM...	17	-28.5	1,210	-31.8	-0.426	09					0	Sample

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

MW Marker Tables

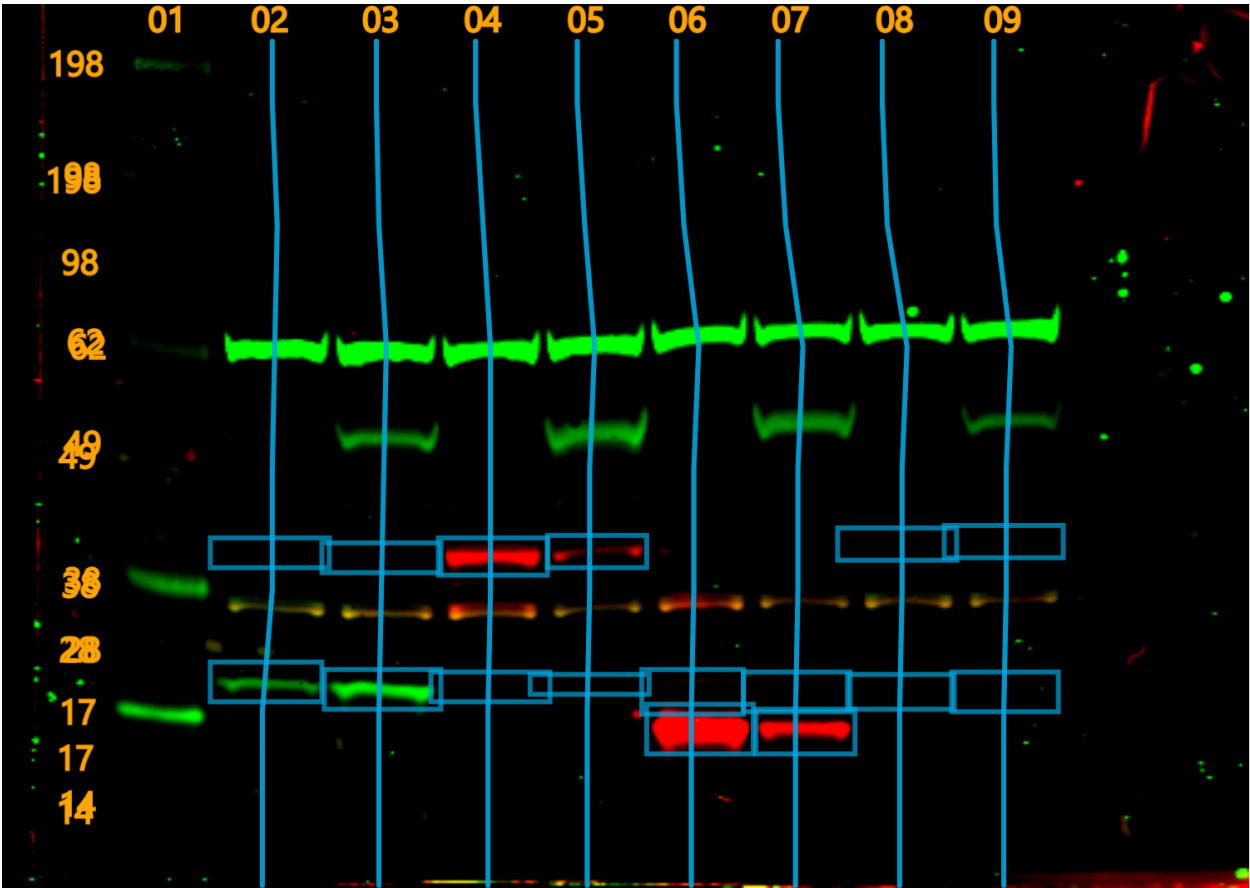
MW Marker Set SeeBlue on the 800 Channel

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
800	01	Lane01	B07	17
800	01	Lane01	B08	14

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
700	01	Lane01	B08	14

Summary



Experimental Observations

Not specified

Next Steps

Not specified

Summary

Not specified

Signatures

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

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