

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: 2-23-23 A3G, H1, H2 with TRIM21

Description

Not specified

Experiment Type

Analysis: HKP + Targets

Date Created

Jan 8, 2025, 3:31:24 PM CST

Date Edited

Jan 8, 2025, 3:35:44 PM CST

Image Information

Image Name: 0000468_01

Acquire Date/Time

Mar 16, 2023, 3:17:42 PM CDT

Channels

700, 800

Resolution

169 µm

Comment

2-23-2023 G, H1, H2 TRIM21

User

Not specified

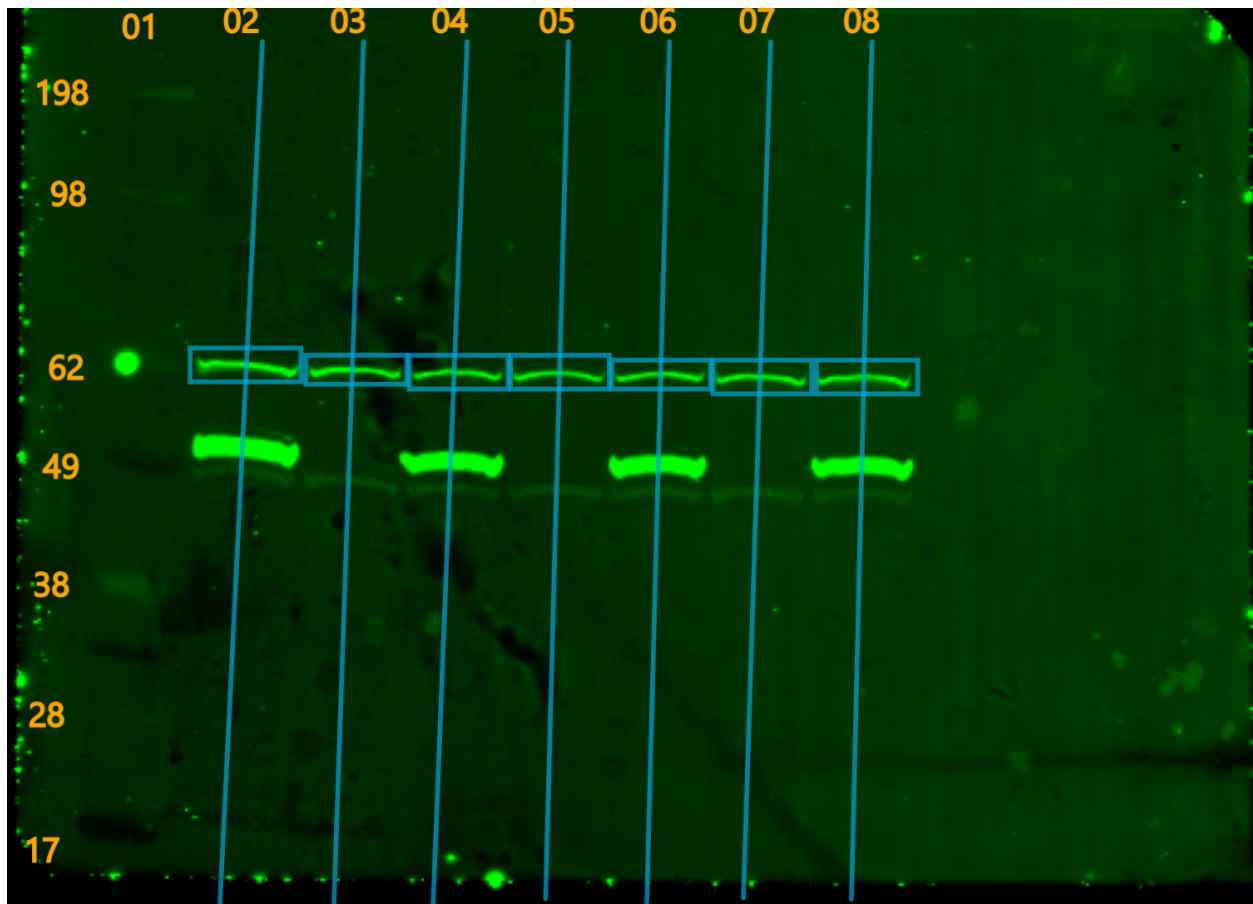
Experimental Analysis

800 Channel

Image Name: 0000468_01

Lane Detection: Manual

Protein: Lamin B



Internal Loading Control Analysis Table

Lane	Name	MW	Signal	SNR	Replicate	Avg. Signal	Avg. SNR	Std. Dev.	% CV	▼	Treatment (%)	Type
02	TRIM21	61.5	1,880	13.0	02					0		Sample
03	A3G	60.3	1,360	5.05	03					0		Sample
04	G with TRI...	59.7	1,120	4.66	04					0		Sample
05	A3H1	59.7	1,100	19.6	05					0		Sample
06	H1 with TRI...	59.7	1,100	20.8	06					0		Sample
07	A3H2	59.1	1,230	15.7	07					0		Sample
08	H2 with TRI...	59.1	1,280	20.7	08					0		Sample

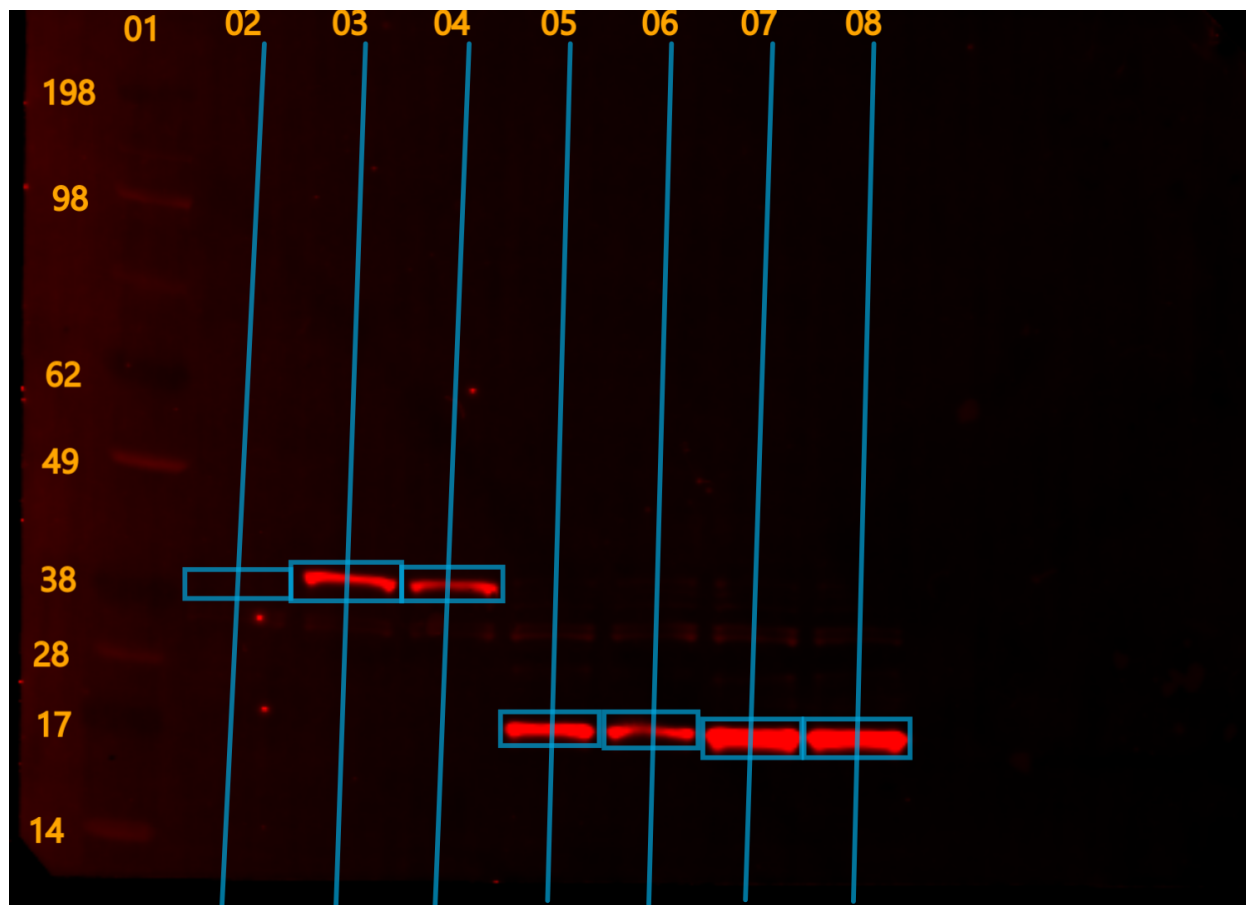
MW values are calculated using marker set SeeBlue on the 800 Channel.

700 Channel

Image Name: 0000468_01

Lane Detection: Manual

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	TRIM21	34.8	-201	8,320	-201	-0.497	02					0	Sample
03	A3G	34.5	12,800	23,500	17,800	22.9	03					0	Sample
04	G with TRIM...	34.2	8,610	16,200	14,500	23.6	04					0	Sample
05	A3H1	14.6	21,500	28,100	36,900	59.2	05					0	Sample
06	H1 with TRI...	14.6	12,100	18,300	20,800	32.4	06					0	Sample
07	A3H2	14.5	59,800	66,200	91,600	85.3	07					0	Sample
08	H2 with TRI...	14.5	59,900	66,600	88,300	128	08					0	Sample

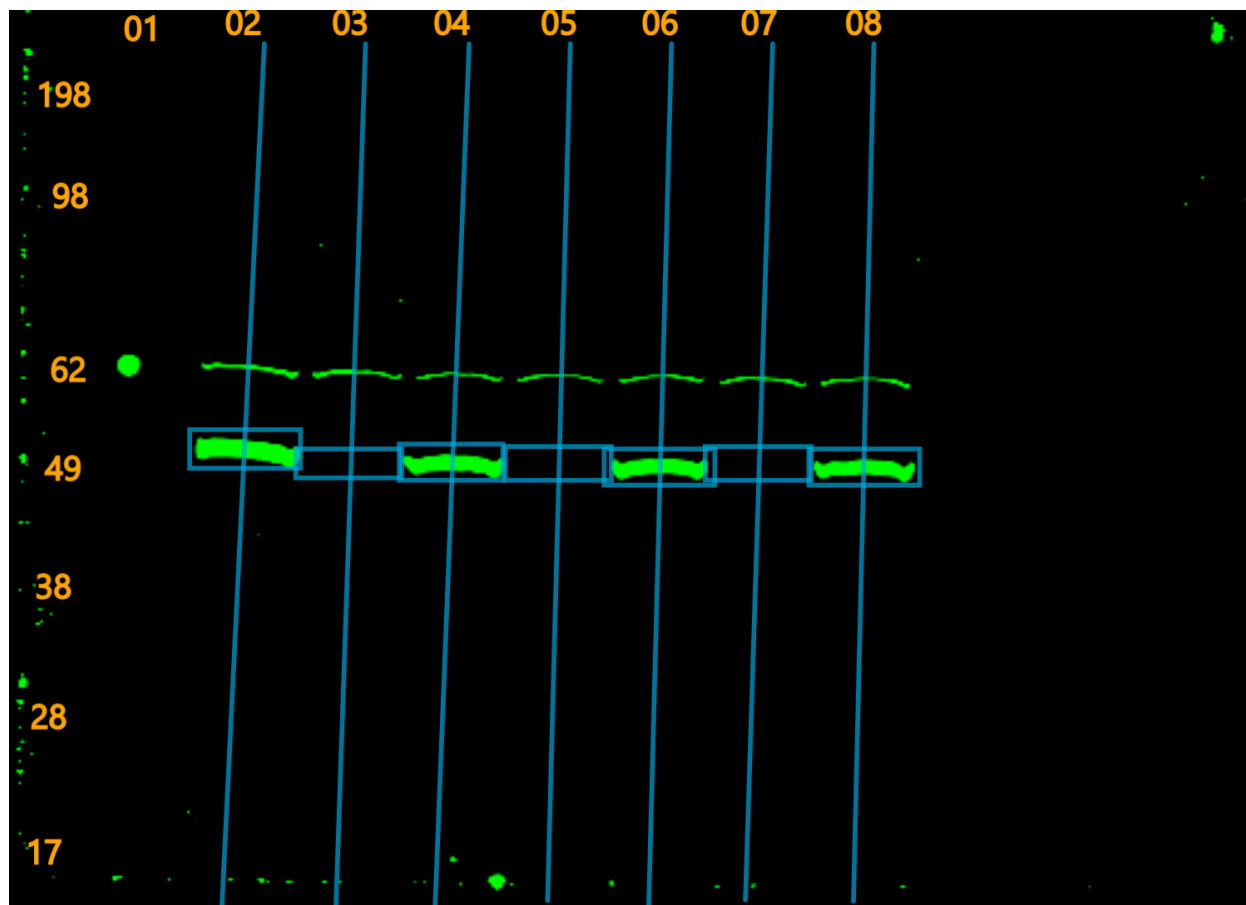
MW values are calculated using marker set SeeBlue on the 700 Channel.

800 Channel

Image Name: 0000468_01

Lane Detection: Manual

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	TRIM21	46.1	7,260	9,920	7,260	23.8	02					0	Sample
03	A3G	44.1	367	2,300	508	1.53	03					0	Sample
04	G with TRIM...	44.8	5,310	7,580	8,940	14.1	04					0	Sample
05	A3H1	45.9	40.9	2,410	70.1	0.429	05					0	Sample
06	H1 with TRI...	44.7	4,360	7,110	7,480	54.4	06					0	Sample
07	A3H2	46.1	93.2	2,720	143	1.24	07					0	Sample
08	H2 with TRI...	44.7	4,540	7,550	6,690	55.6	08					0	Sample

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

MW Marker Tables

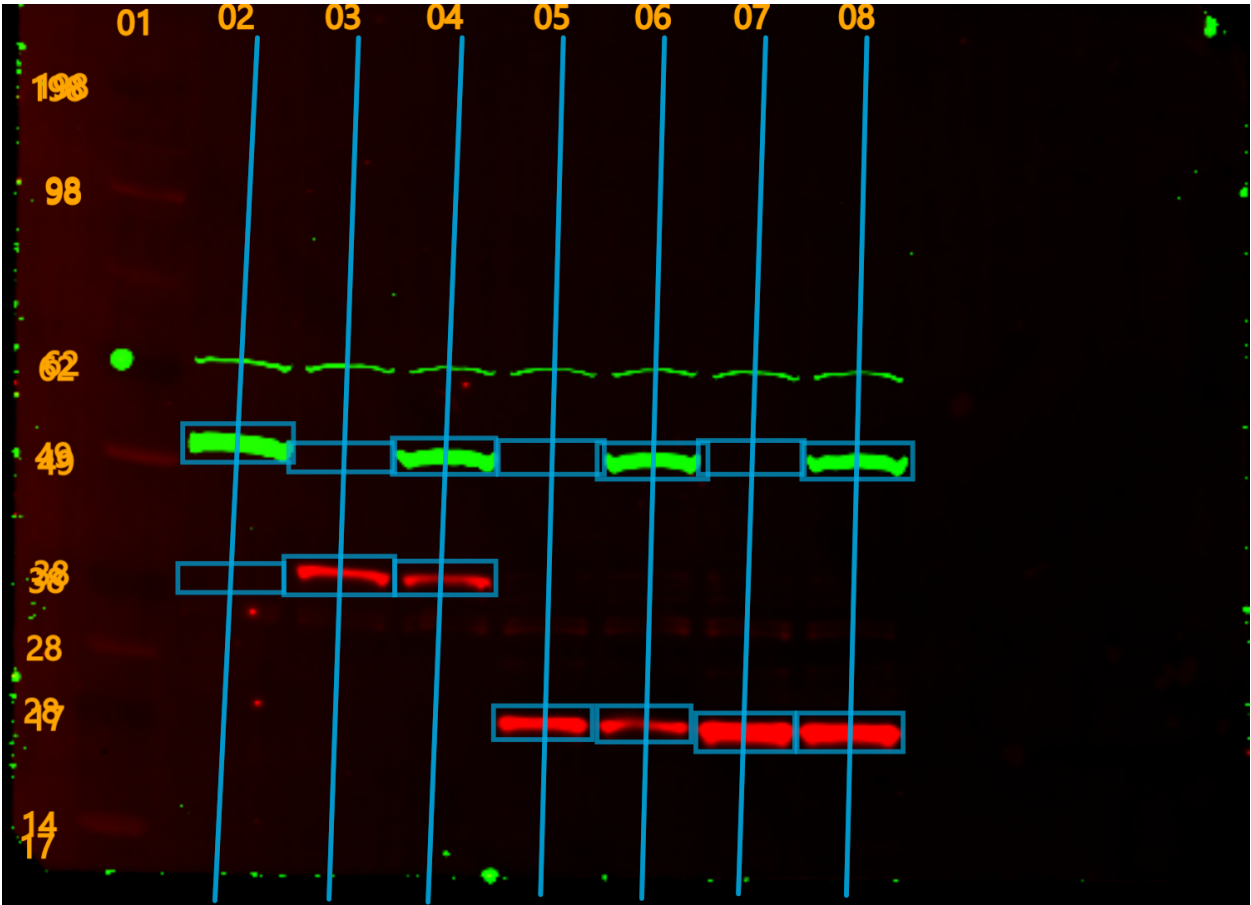
MW Marker Set SeeBlue on the 800 Channel

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

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		
Signature	Printed Name	Date

Witness		
Signature	Printed Name	Date