

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 A3B and A3G with TRIM21

Description

Not specified

Experiment Type

Analysis: HKP + Targets

Date Created

Jan 8, 2025, 3:22:53 PM CST

Date Edited

Jan 8, 2025, 3:26:24 PM CST

Image Information

Image Name: 0000451_01

Acquire Date/Time

Feb 27, 2023, 1:07:47 PM CST

Channels

700, 800

Resolution

169 μ m

Comment

2-23 A3B and G with TRIM21

User

Not specified

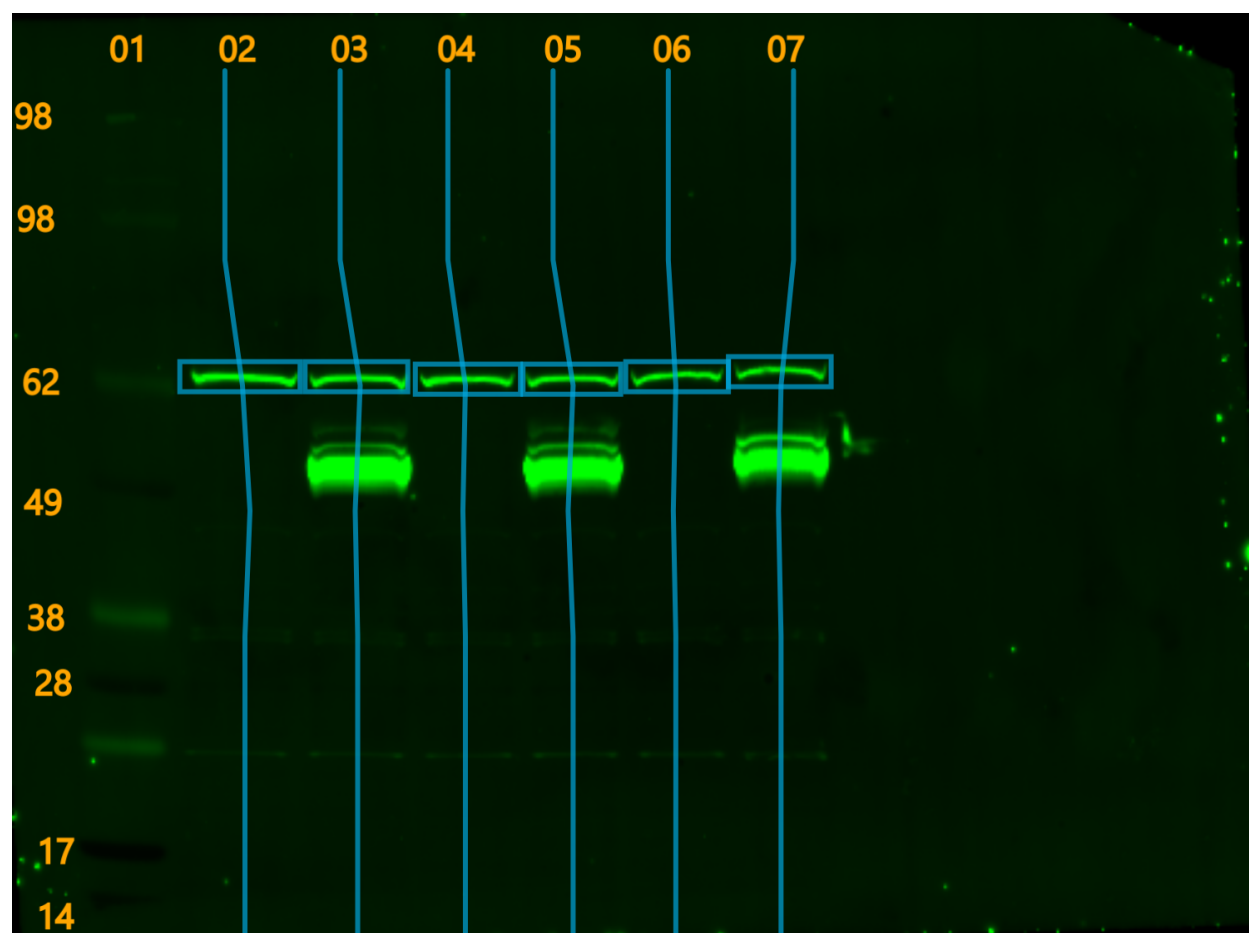
Experimental Analysis

800 Channel

Image Name: 0000451_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	Control	62.7	4,650	46.3	02					0	Sample
03	TRIM21	62.7	3,560	48.1	03					0	Sample
04	A3B	62.3	3,330	40.4	04					0	Sample
05	B with TRI...	62.7	3,030	71.9	05					0	Sample
06	A3G	63	2,870	105	06					0	Sample
07	G with TRI...	63.8	2,700	57.7	07					0	Sample

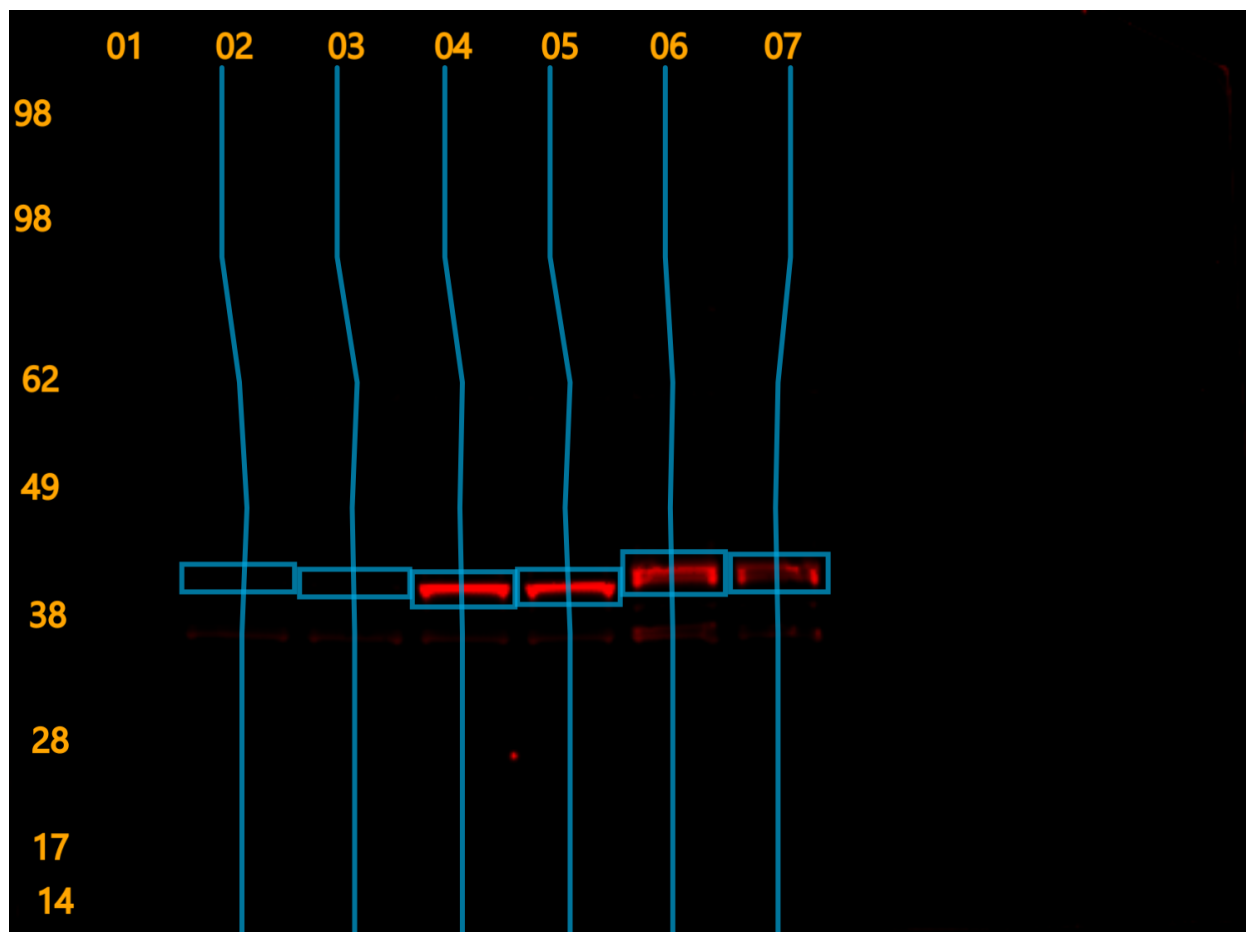
MW values are calculated using marker set SeeBlue on the 800 Channel.

700 Channel

Image Name: 0000451_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	Control	36.2	1,980	12,500	1,980	4.09	02					0	Sample
03	TRIM21	35.7	2,020	12,300	2,630	3.29	03					0	Sample
04	A3B	35.5	69,300	81,400	96,700	91.2	04					0	Sample
05	B with TRIM...	35.5	64,400	76,600	98,800	78.9	05					0	Sample
06	A3G	37.2	58,700	74,200	95,100	35.6	06					0	Sample
07	G with TRIM...	37.5	35,700	48,200	61,600	25.4	07					0	Sample

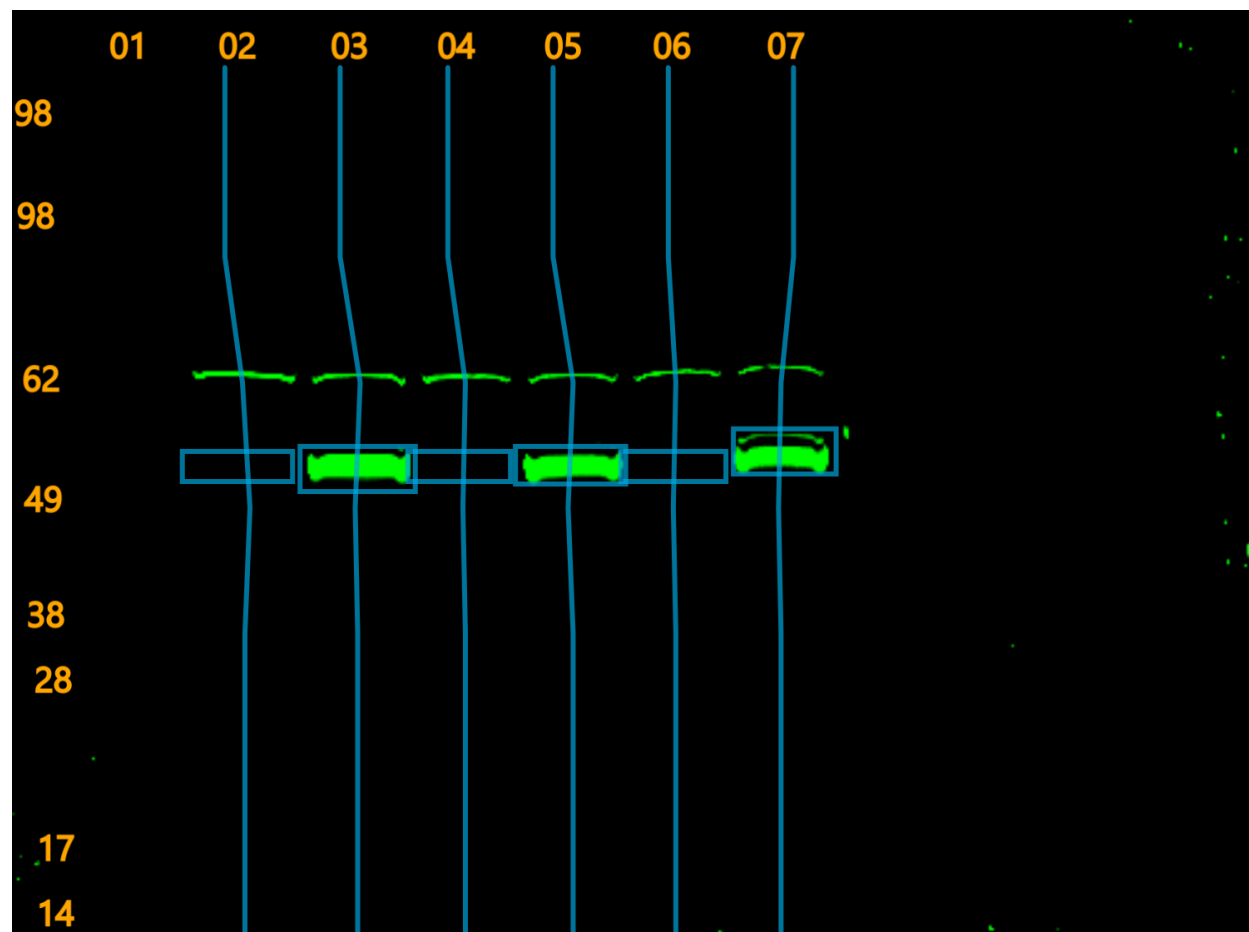
MW values are calculated using marker set SeeBlue on the 700 Channel.

800 Channel

Image Name: 0000451_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	Control	52.7	21.0	1,760	21.0	0.245	02					0	Sample
03	TRIM21	52.2	19,600	22,200	25,500	103	03					0	Sample
04	A3B	52.2	774	2,310	1,080	9.19	04					0	Sample
05	B with TRIM...	52	15,100	16,900	23,100	131	05					0	Sample
06	A3G	52.2	219	1,620	355	5.58	06					0	Sample
07	G with TRIM...	54	15,300	17,400	26,400	260	07					0	Sample

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

MW Marker Tables

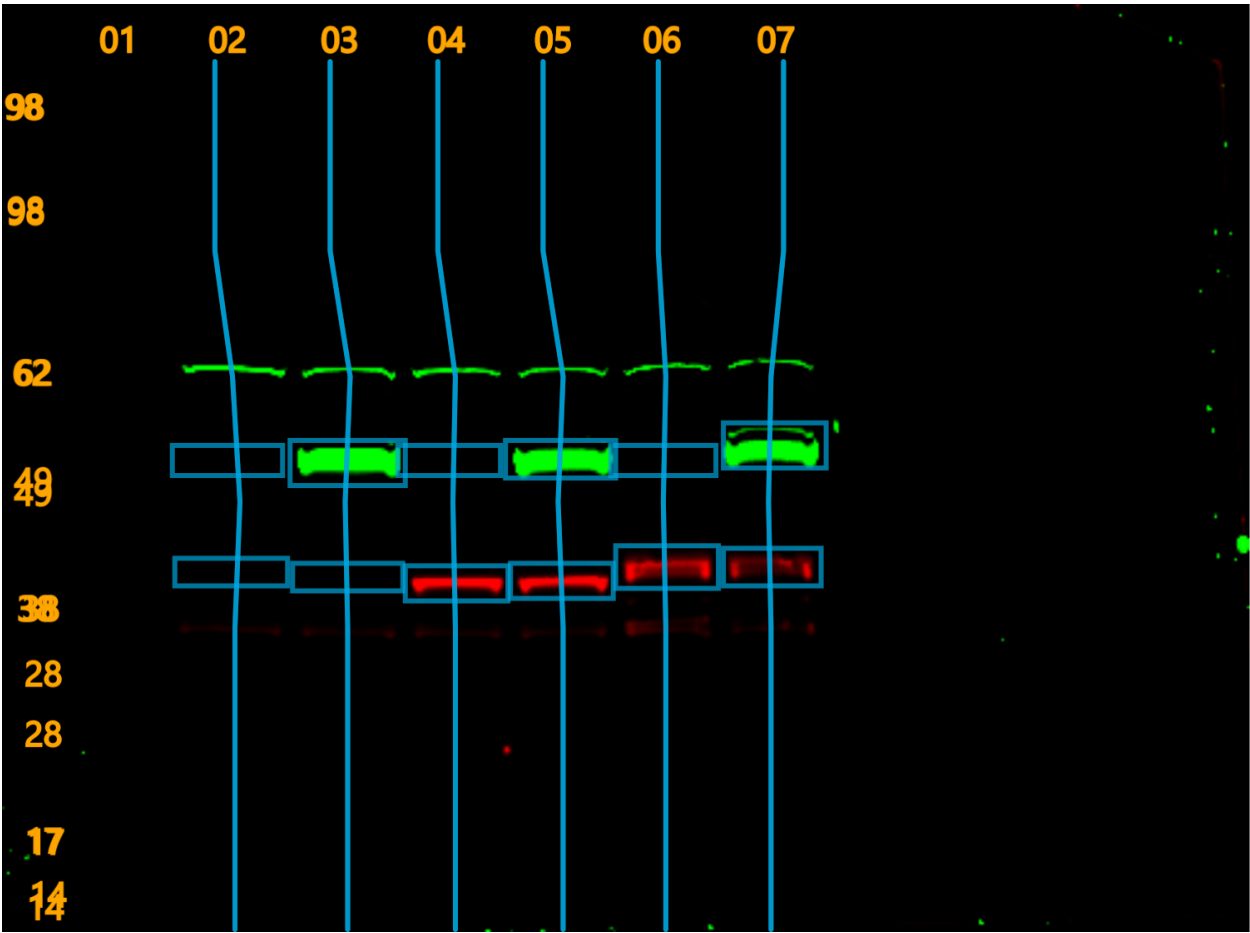
MW Marker Set SeeBlue on the 800 Channel

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		
Signature	Printed Name	Date

Witness		
Signature	Printed Name	Date