

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 A3F, G, H1, H2 with TRIM21

**Description**

Not specified

**Experiment Type**

Analysis: HKP + Targets

**Date Created**

Jan 8, 2025, 3:15:57 PM CST

**Date Edited**

Jan 8, 2025, 3:22:31 PM CST

**Image Information**

**Image Name:** 0000440\_01

**Acquire Date/Time**

Feb 8, 2023, 2:02:12 PM CST

**Channels**

700, 800

**Resolution**

169 µm

**Comment**

11-10-2022 F, G, H1, H2 with TRIM21

**User**

Not specified

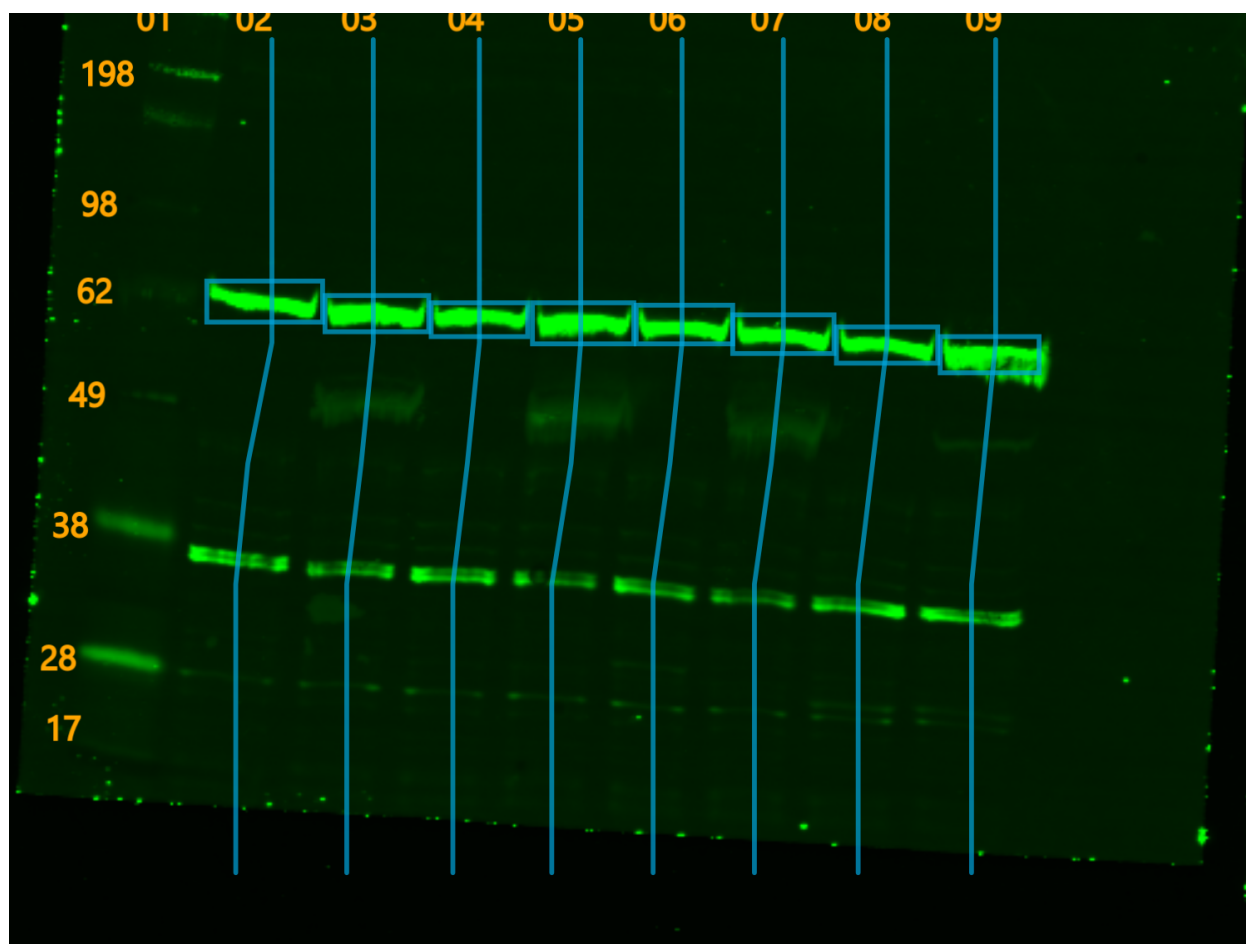
## Experimental Analysis

800 Channel

Image Name: 0000440\_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	A3F	60.6	5,180	198	02					0		Sample
03	F with TRI...	59	5,210	176	03					0		Sample
04	A3G	58.3	4,640	204	04					0		Sample
05	G with TRI...	57.6	4,800	81.9	05					0		Sample
06	A3H1	56.3	4,700	159	06					0		Sample
07	H1 with TRI...	55.4	4,560	113	07					0		Sample
08	A3H2	54.6	4,710	225	08					0		Sample
09	H2 with TRI...	53.5	5,070	217	09					0		Sample

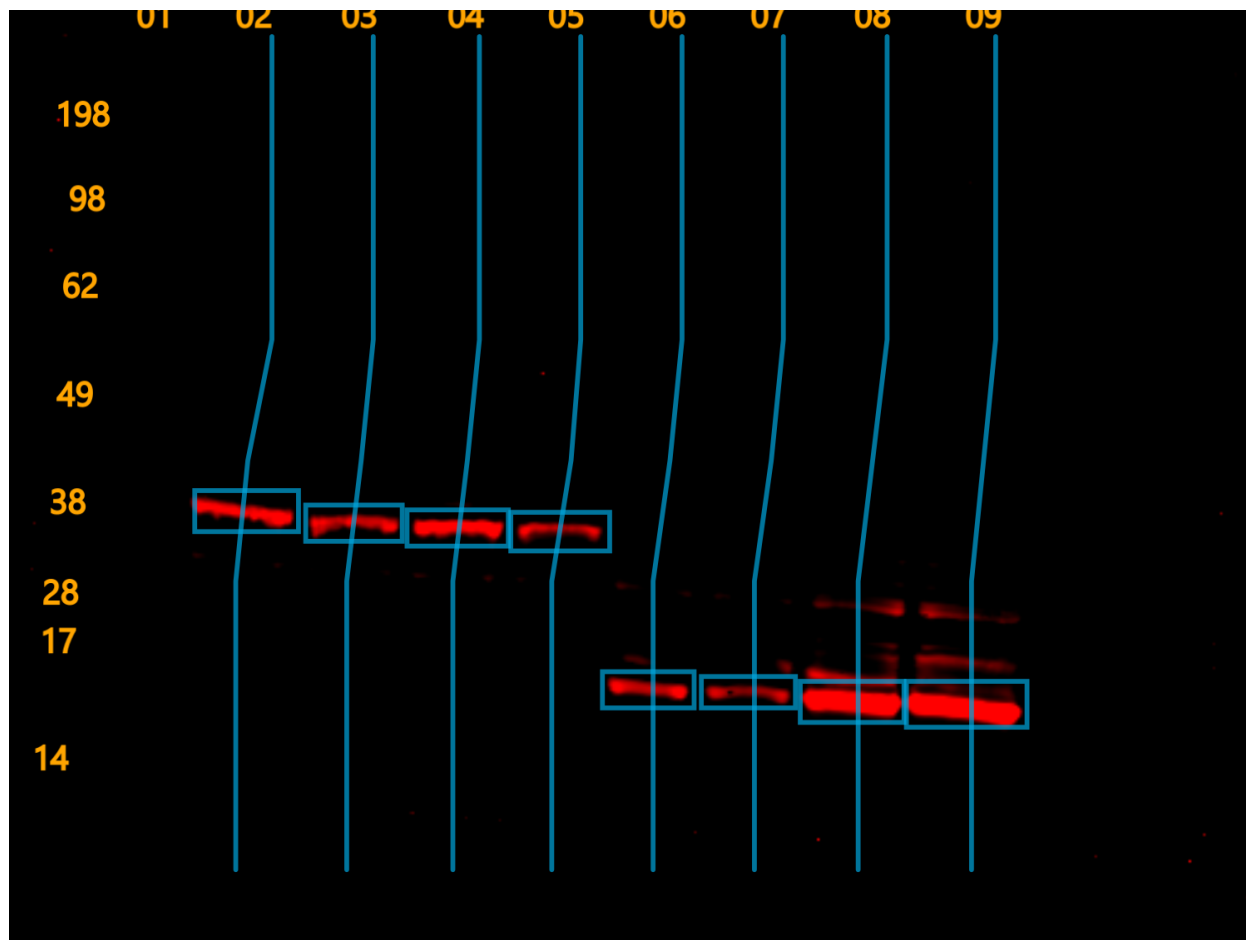
MW values are calculated using marker set SeeBlue on the 800 Channel.

## 700 Channel

Image Name: 0000440\_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	A3F	36.8	34,000	42,100	34,300	52.5	02					0	Sample
03	F with TRIM...	36.2	25,300	31,900	25,300	67.3	03					0	Sample
04	A3G	35.7	37,000	44,000	41,500	80.1	04					0	Sample
05	G with TRIM...	35.5	20,000	27,600	21,700	35.4	05					0	Sample
06	A3H1	14.5	21,300	28,000	23,700	22.2	06					0	Sample
07	H1 with TRI...	14.5	16,300	22,700	18,600	14.7	07					0	Sample
08	A3H2	14.4	76,900	86,100	85,100	35.0	08					0	Sample
09	H2 with TRI...	14.3	94,500	106,000	97,100	42.3	09					0	Sample

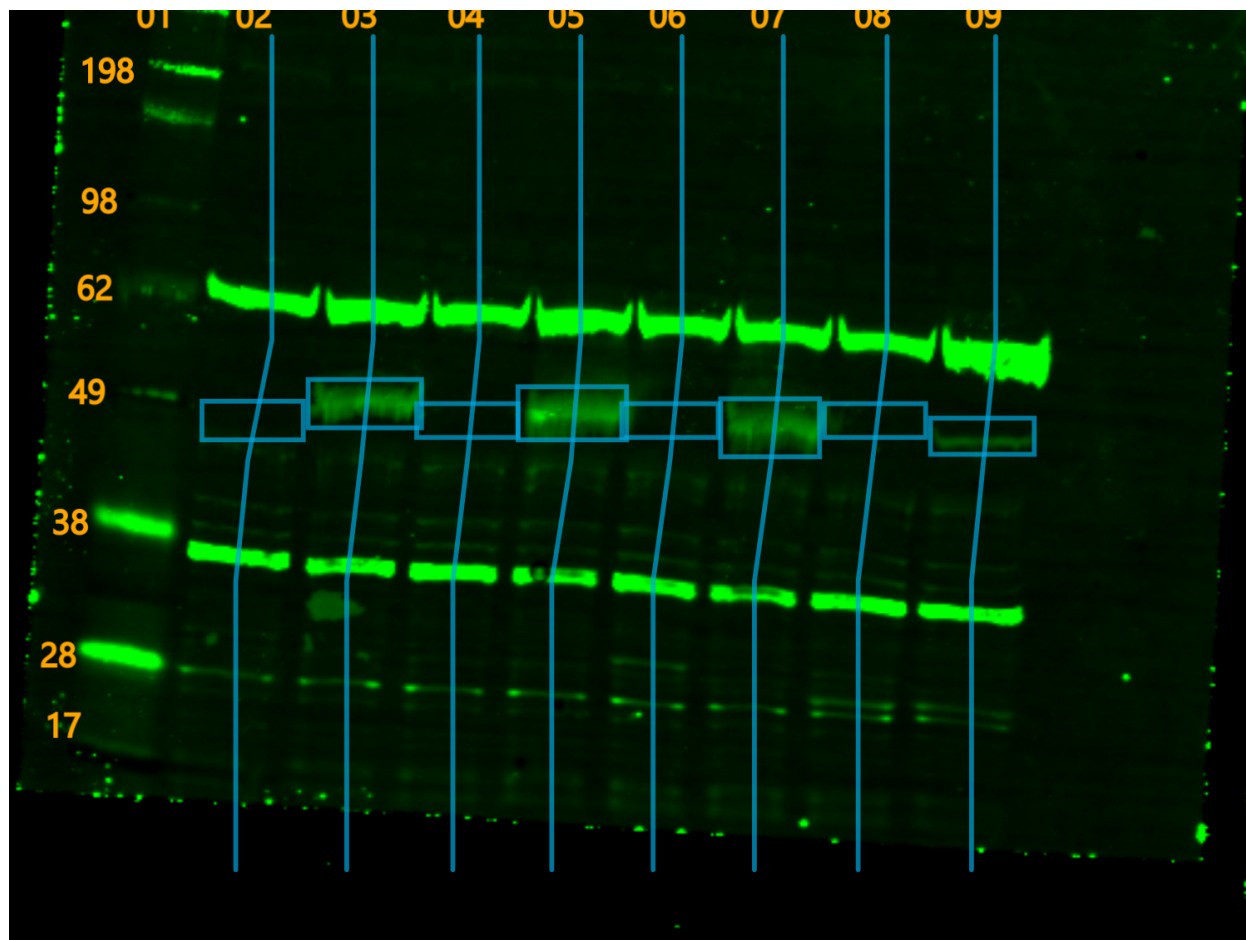
MW values are calculated using marker set SeeBlue on the 700 Channel.

800 Channel

Image Name: 0000440\_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	A3F	44.5	2.66	844	2.68	0.096	02					0	Sample
03	F with TRIM...	48.3	633	1,850	633	12.4	03					0	Sample
04	A3G	47.3	-7.35	750	-8.27	-0.235	04					0	Sample
05	G with TRIM...	46.9	793	2,110	861	9.41	05					0	Sample
06	A3H1	47.8	28.1	762	31.2	0.693	06					0	Sample
07	H1 with TRI...	45.6	614	1,930	701	7.59	07					0	Sample
08	A3H2	47.8	37.4	782	41.4	1.59	08					0	Sample
09	H2 with TRI...	44.5	123	944	127	3.56	09					0	Sample

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

## MW Marker Tables

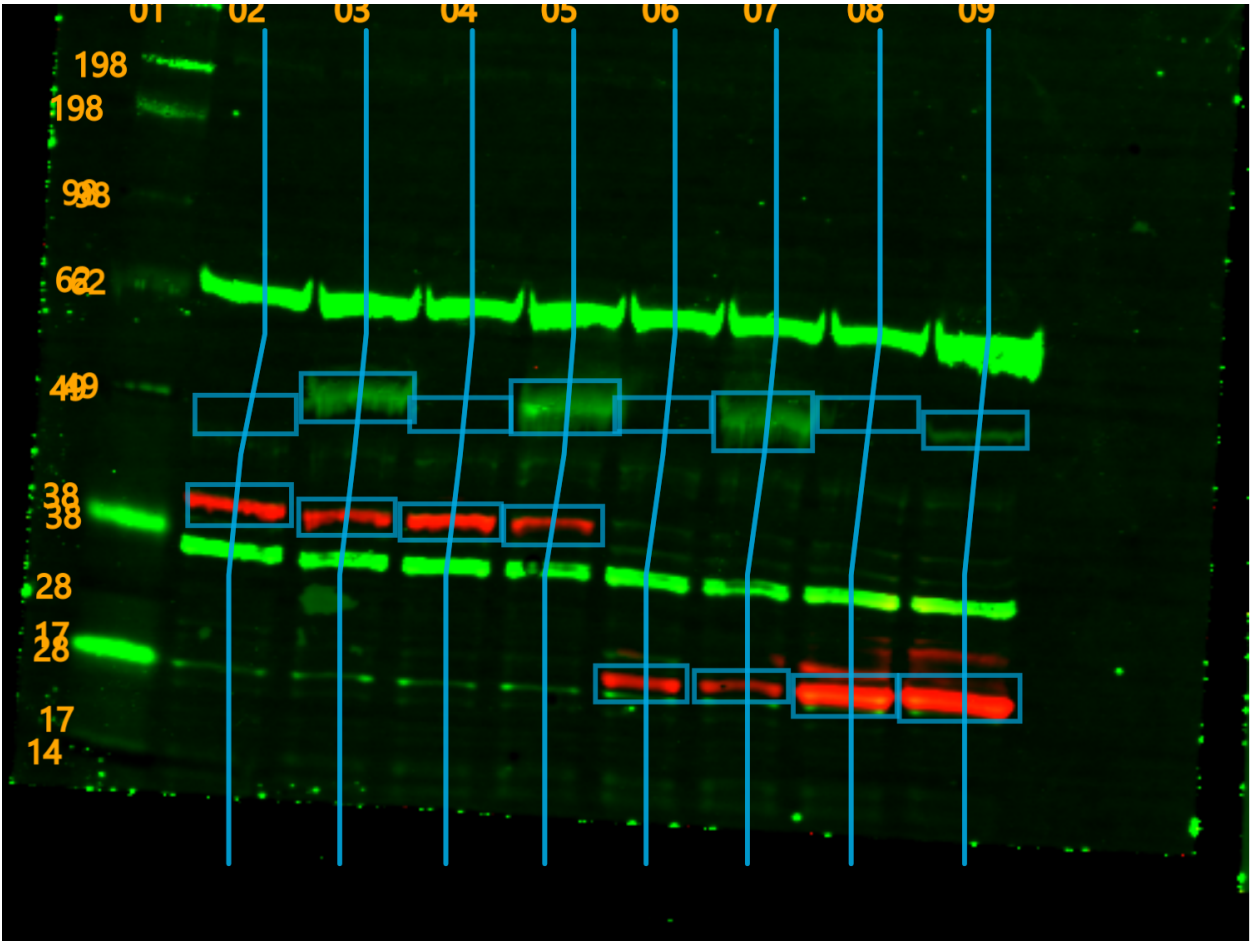
### MW Marker Set SeeBlue on the 800 Channel

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

### 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