

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: 4-6-2023 A3F with TRIM21

**Description**

Not specified

**Experiment Type**

Analysis: HKP + Targets

**Date Created**

Jan 8, 2025, 3:36:05 PM CST

**Date Edited**

Jan 8, 2025, 3:39:15 PM CST

**Image Information**

**Image Name:** 0000489\_01

**Acquire Date/Time**

Apr 13, 2023, 1:35:54 PM CDT

**Channels**

700, 800

**Resolution**

169  $\mu$ m

**Comment**

4-6-2023 Input A3F

**User**

Not specified

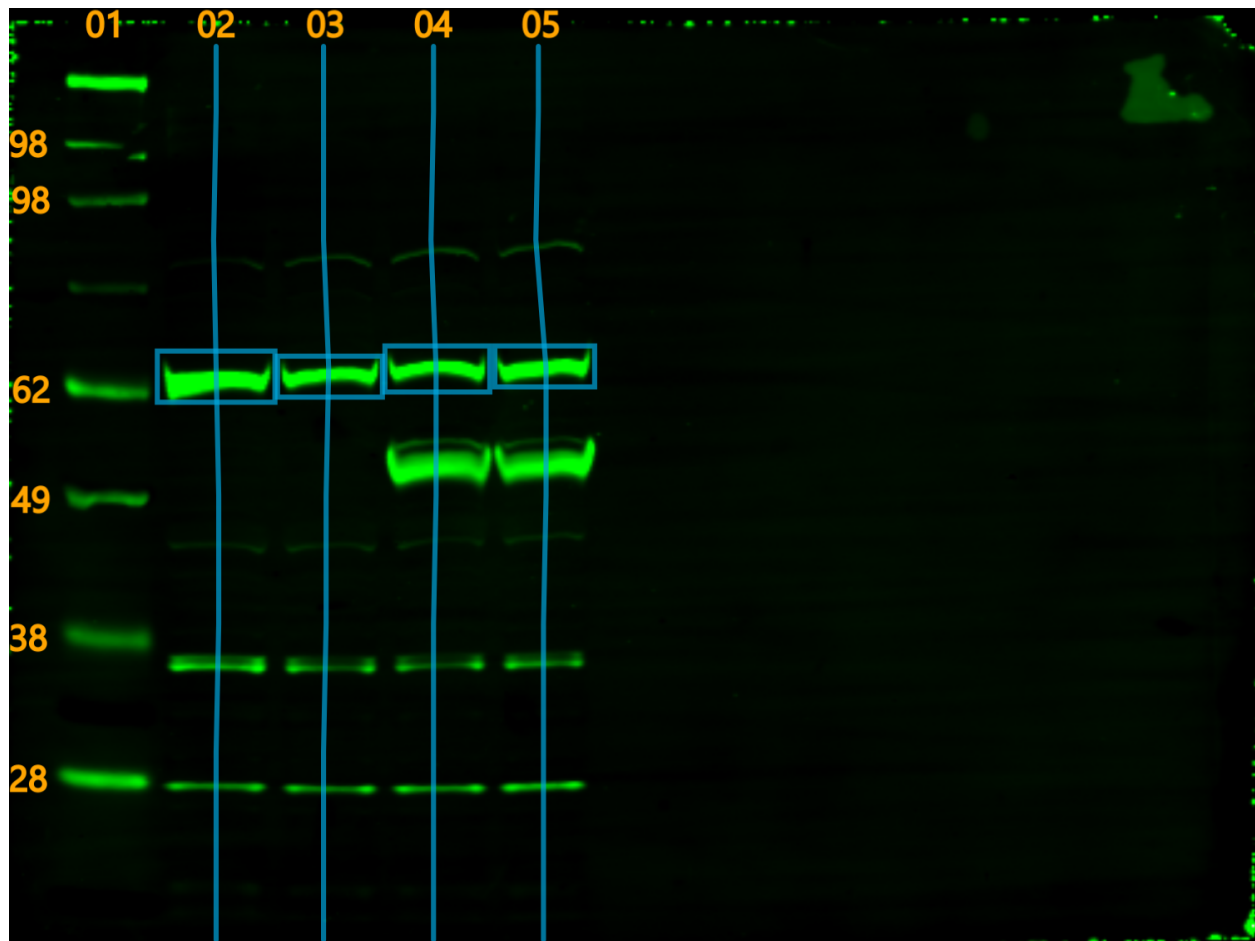
## Experimental Analysis

800 Channel

Image Name: 0000489\_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	63.7	8,040	38.2	02					0		Sample
03	A3F	64.4	6,320	55.3	03					0		Sample
04	TRIM21	65.4	5,980	46.4	04					0		Sample
05	A3F with T...	65.1	5,590	37.3	05					0		Sample

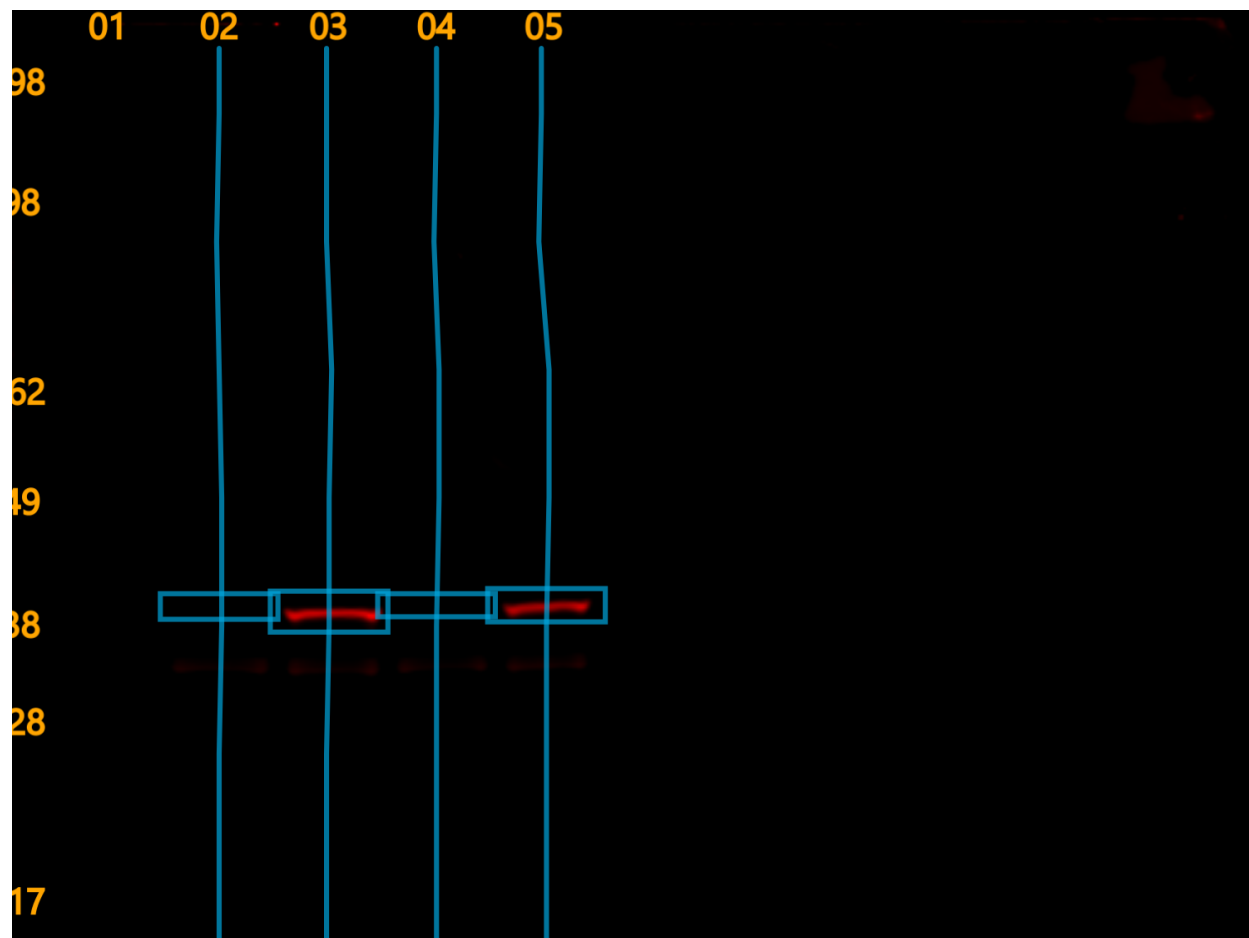
MW values are calculated using marker set SeeBlue on the 800 Channel.

## 700 Channel

Image Name: 0000489\_01

Lane Detection: Automatic Lane Finding

Protein: A3F



## Protein Analysis Table

Lane	Name	MW	Signal	Total	Normalized Signal	SNR	Replicate	Avg. Norm. Signal	Avg. SNR	Std. Dev.	% CV	Treatment (%)	Type
02	Control	39.5	399	8,580	399	0.538	02					0	Sample
03	A3F	39.1	20,800	34,500	26,500	24.8	03					0	Sample
04	TRIM21	39.5	1,100	8,970	1,480	2.20	04					0	Sample
05	A3F with TR...	39.5	15,700	27,400	22,600	18.0	05					0	Sample

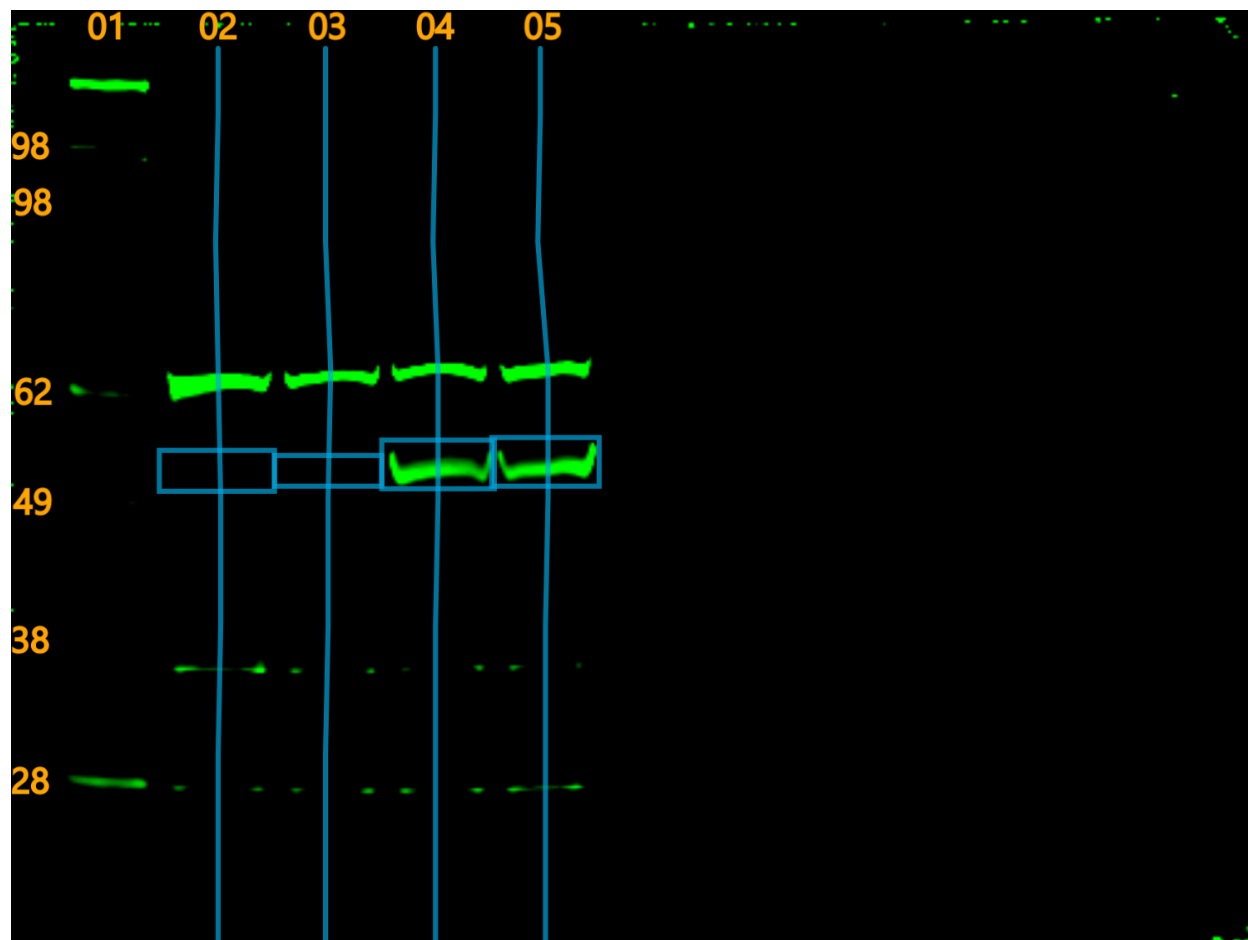
MW values are calculated using marker set SeeBlue on the 700 Channel.

800 Channel

Image Name: 0000489\_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	51.1	34.6	3,020	34.6	0.288	02					0	Sample
03	A3F	51.3	6.80	2,190	8.67	0.103	03					0	Sample
04	TRIM21	52.2	6,230	9,850	8,390	56.9	04					0	Sample
05	A3F with TR...	52.5	5,880	9,390	8,460	38.7	05					0	Sample

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

## MW Marker Tables

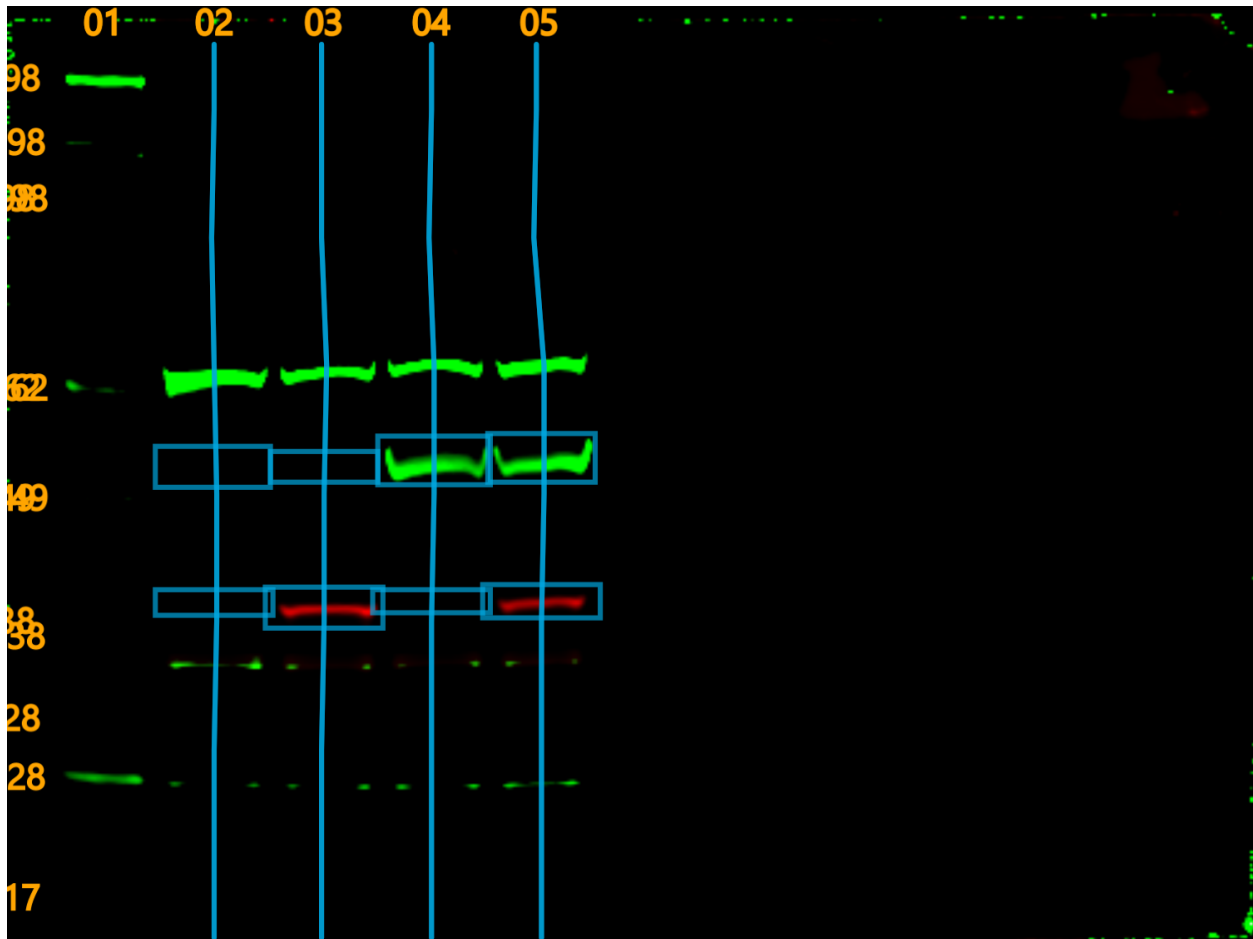
### MW Marker Set SeeBlue on the 800 Channel

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		
Signature	Printed Name	Date

Witness		
Signature	Printed Name	Date