

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: 6-23-2023 A3G with TRIM21 and MLN and NU compound treated

Description

Not specified

Experiment Type

Analysis: HKP + Targets

Date Created

Jan 9, 2025, 6:48:52 PM CST

Date Edited

Jan 9, 2025, 6:53:42 PM CST

Image Information

Image Name: 0000552_01

Acquire Date/Time

Jun 29, 2023, 1:19:00 PM CDT

Channels

700, 800

Resolution

169 µm

Comment

6-23-23 G with MLN and NU

User

Not specified

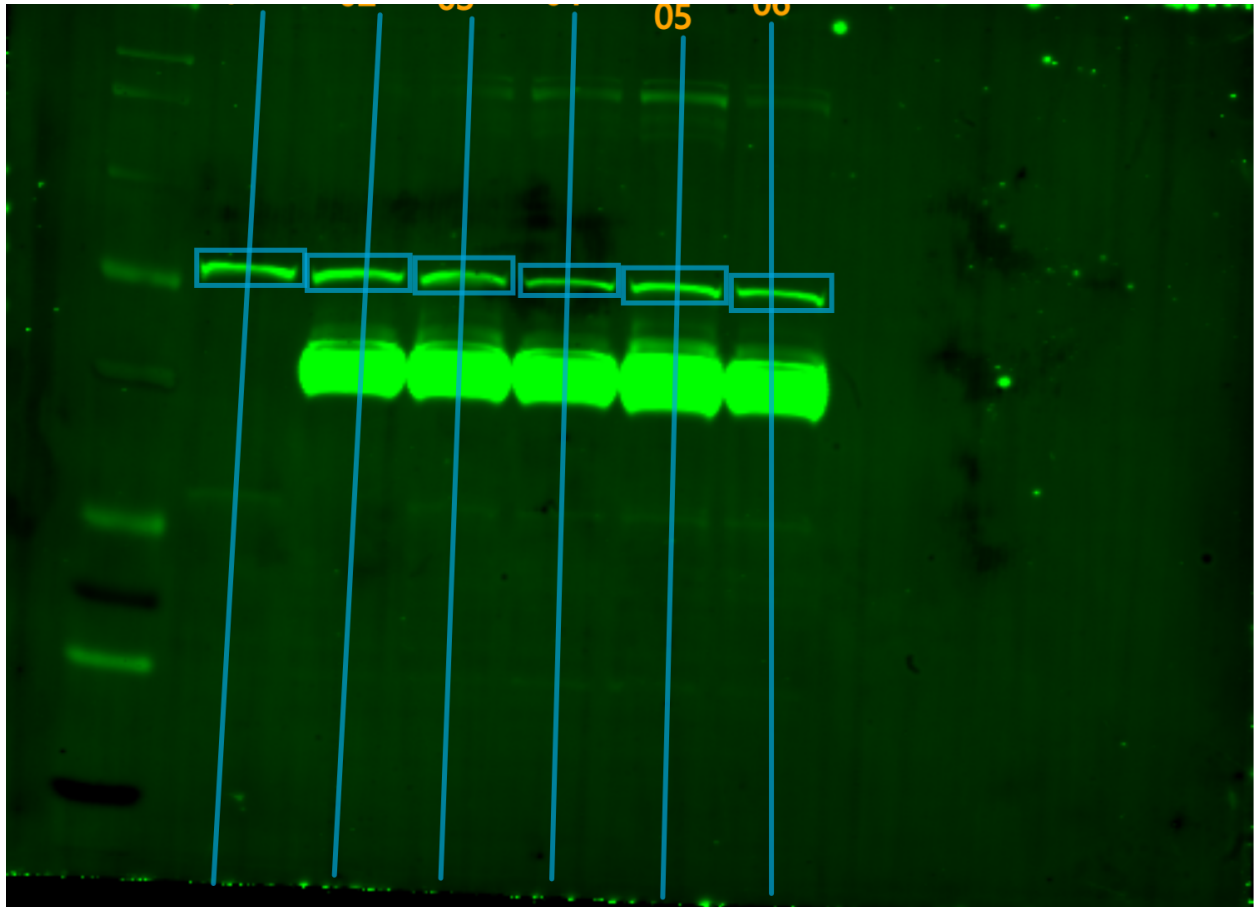
Experimental Analysis

800 Channel

Image Name: 0000552_01

Lane Detection: Manual

Protein: Lamin B



Internal Loading Control Analysis Table

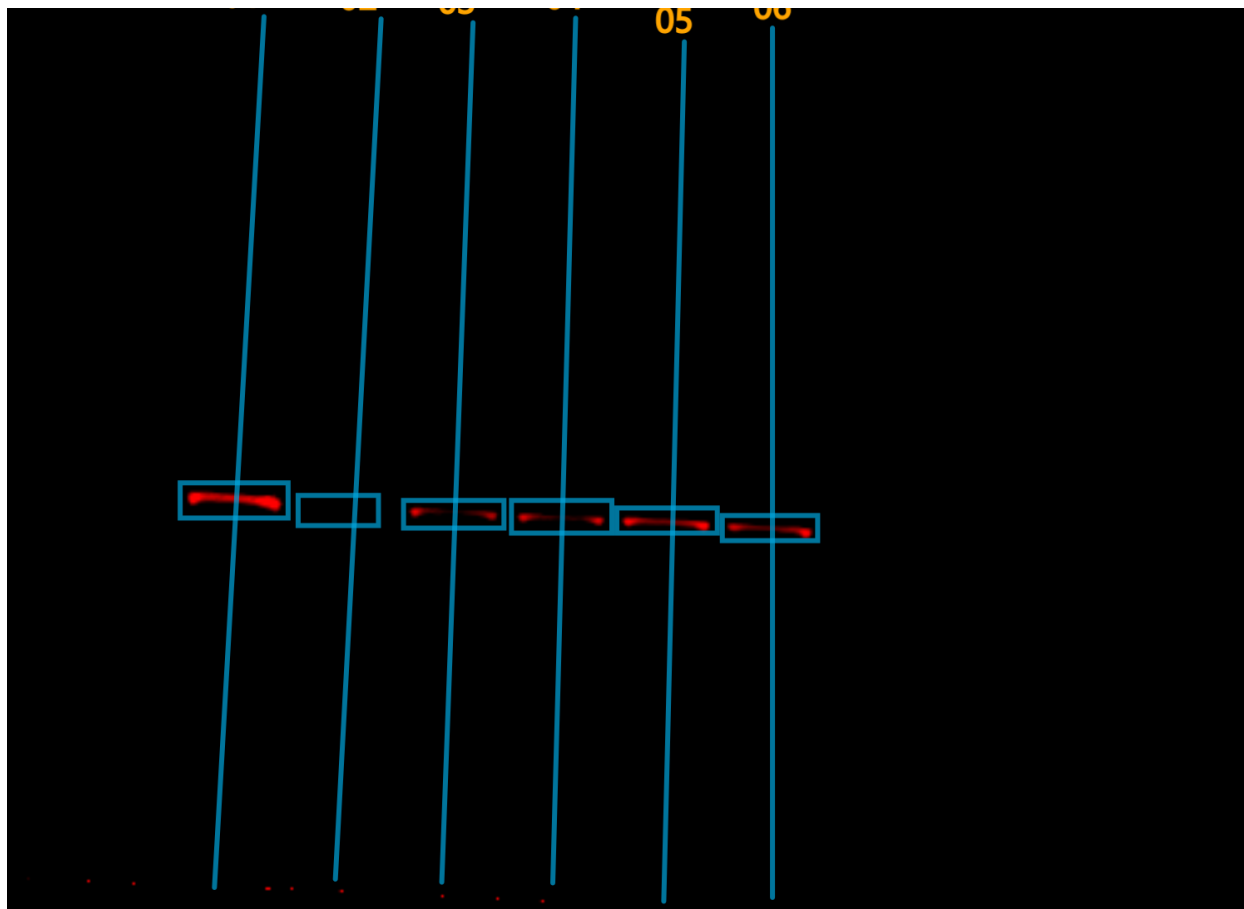
Lane	Name	MW	Signal	SNR	Replicate	Avg. Signal	Avg. SNR	Std. Dev.	% CV	Treatment (%)	Type
01	A3G		2,760	10.2	01					0	Sample
02	TRIM21		2,870	7.67	02					0	Sample
03	G/T21 DMSO		2,260	5.63	03					0	Sample
04	G/T21 MLN...		1,630	4.39	04					0	Sample
05	G/T21 NU5...		2,600	14.8	05					0	Sample
06	G/T21 NU5...		2,090	26.1	06					0	Sample

700 Channel

Image Name: 0000552_01

Lane Detection: Manual

Protein: A3G



Protein Analysis Table

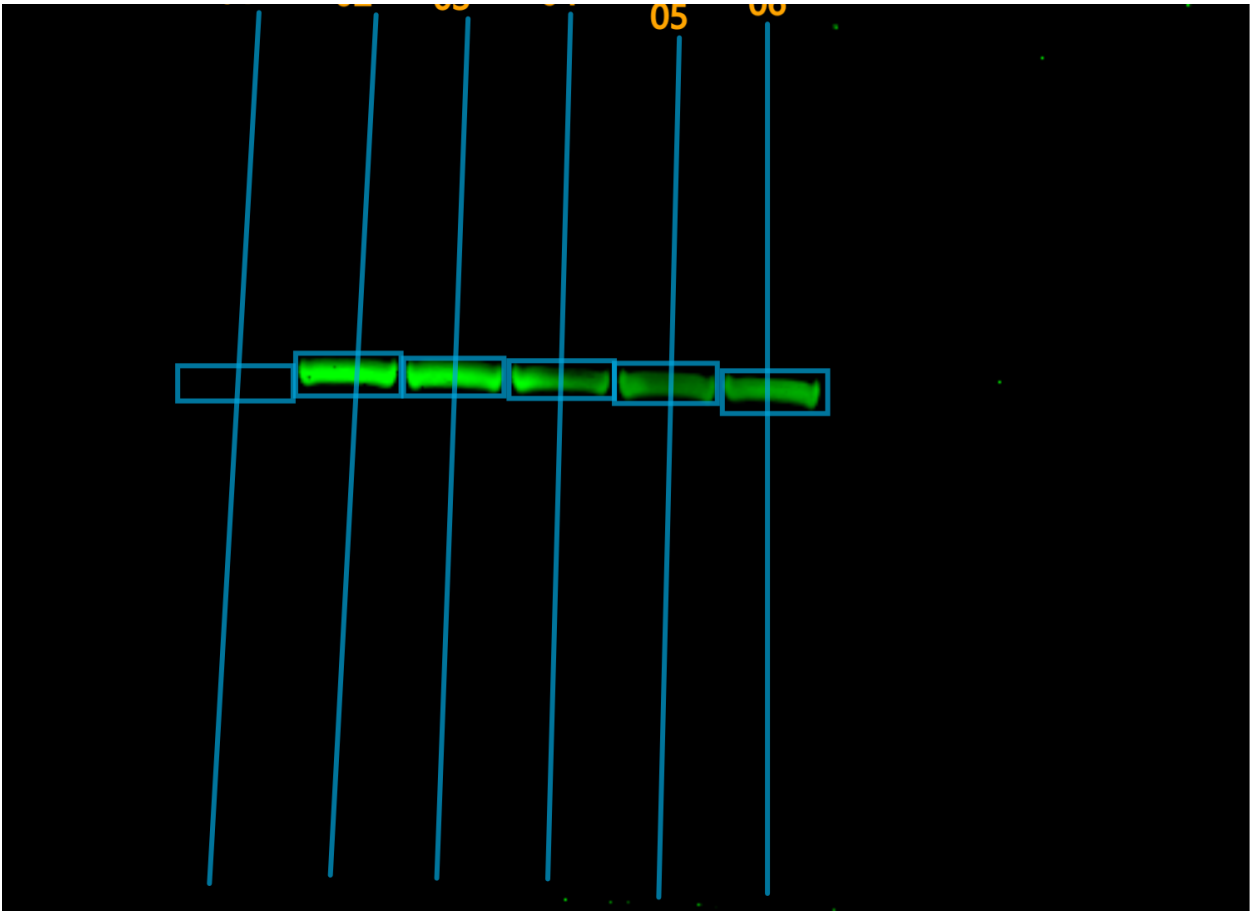
Lane	Name	MW	Signal	Total	Normalized Signal	SNR	Replicate	Avg. Norm. Signal	Avg. SNR	Std. Dev.	^ % CV	Treatment (%)	Type
01	A3G		92,100	119,000	95,600	42.4	01					0	Sample
02	TRIM21		70.1	17,200	70.1	0.103	02					0	Sample
03	G/T21 DMSO		55,000	76,900	69,600	71.1	03					0	Sample
04	G/T21 MLN ...		52,400	78,600	92,000	45.7	04					0	Sample
05	G/T21 NUS...		55,400	75,500	61,100	49.6	05					0	Sample
06	G/T21 NUS...		51,400	70,500	70,600	59.3	06					0	Sample

800 Channel

Image Name: 0000552_01

Lane Detection: Manual

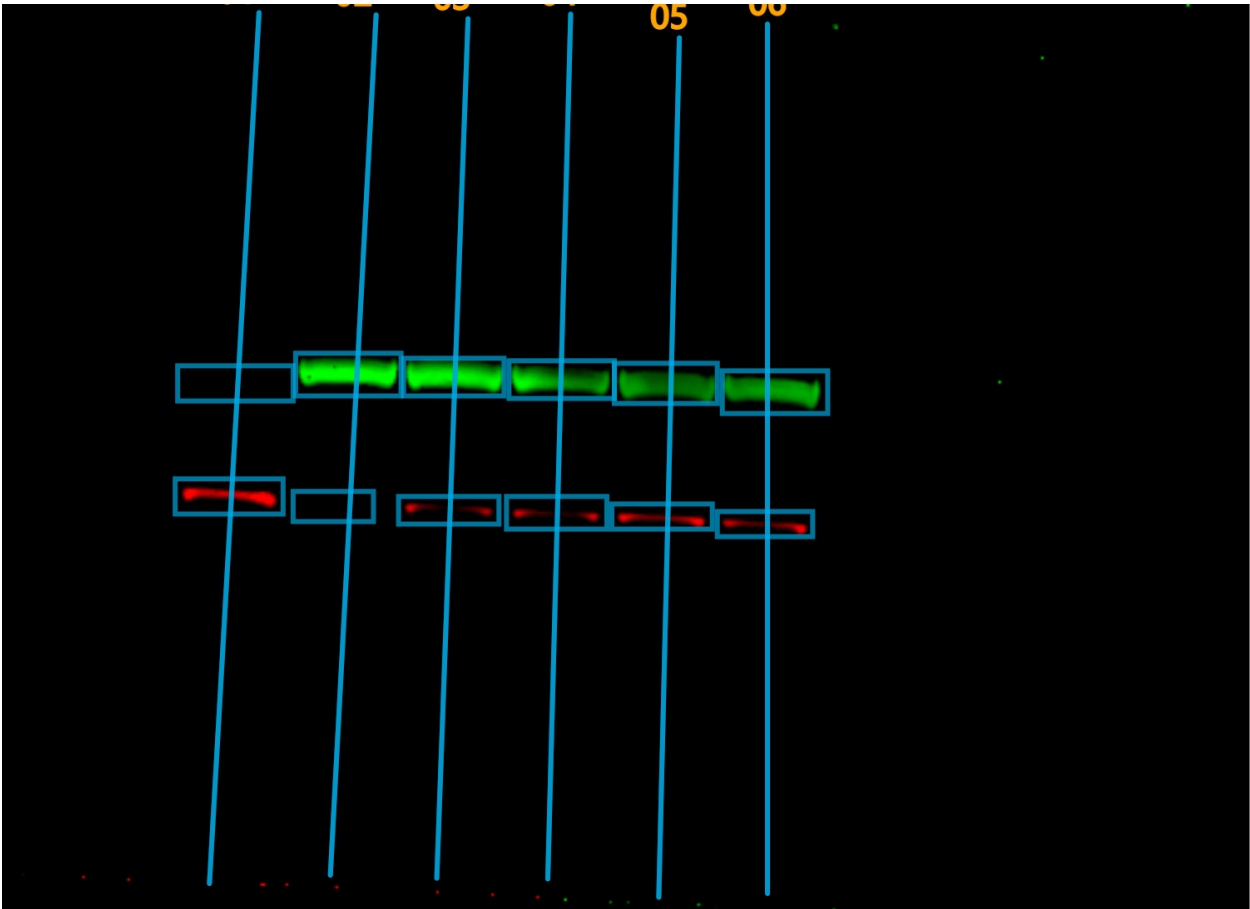
Protein: TRIM21



Protein Analysis Table

Lane	Name	MW	Signal	Total	Normalized Signal	SNR	Replicate	Avg. Norm. Signal	Avg. SNR	Std. Dev.	^ % CV	Treatment (%)	Type
01	A3G	51.9	5,080	5,080	53.9	0.196	01					0	Sample
02	TRIM21	68,600	74,400	68,600	193		02					0	Sample
03	G/T21 DMSO	65,500	70,400	82,900	232		03					0	Sample
04	G/T21 MLN ...	55,800	60,500	97,900	100		04					0	Sample
05	G/T21 NUS...	55,200	60,500	60,800	347		05					0	Sample
06	G/T21 NUS...	56,600	62,500	77,800	245		06					0	Sample

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