

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: 9-16-2024 A3G with TRIM21 WT dS dPS

**Description**

Not specified

**Experiment Type**

Analysis: HKP + Targets

**Date Created**

Jan 9, 2025, 7:12:08 PM CST

**Date Edited**

Jan 9, 2025, 7:16:10 PM CST

**Image Information**

Image Name: 0000861\_01

**Acquire Date/Time**

Sep 26, 2024, 2:47:38 PM CDT

**Channels**

700, 800

**Resolution**

169  $\mu$ m

**Comment**

9-16-24 G with dPS dS

**User**

Not specified

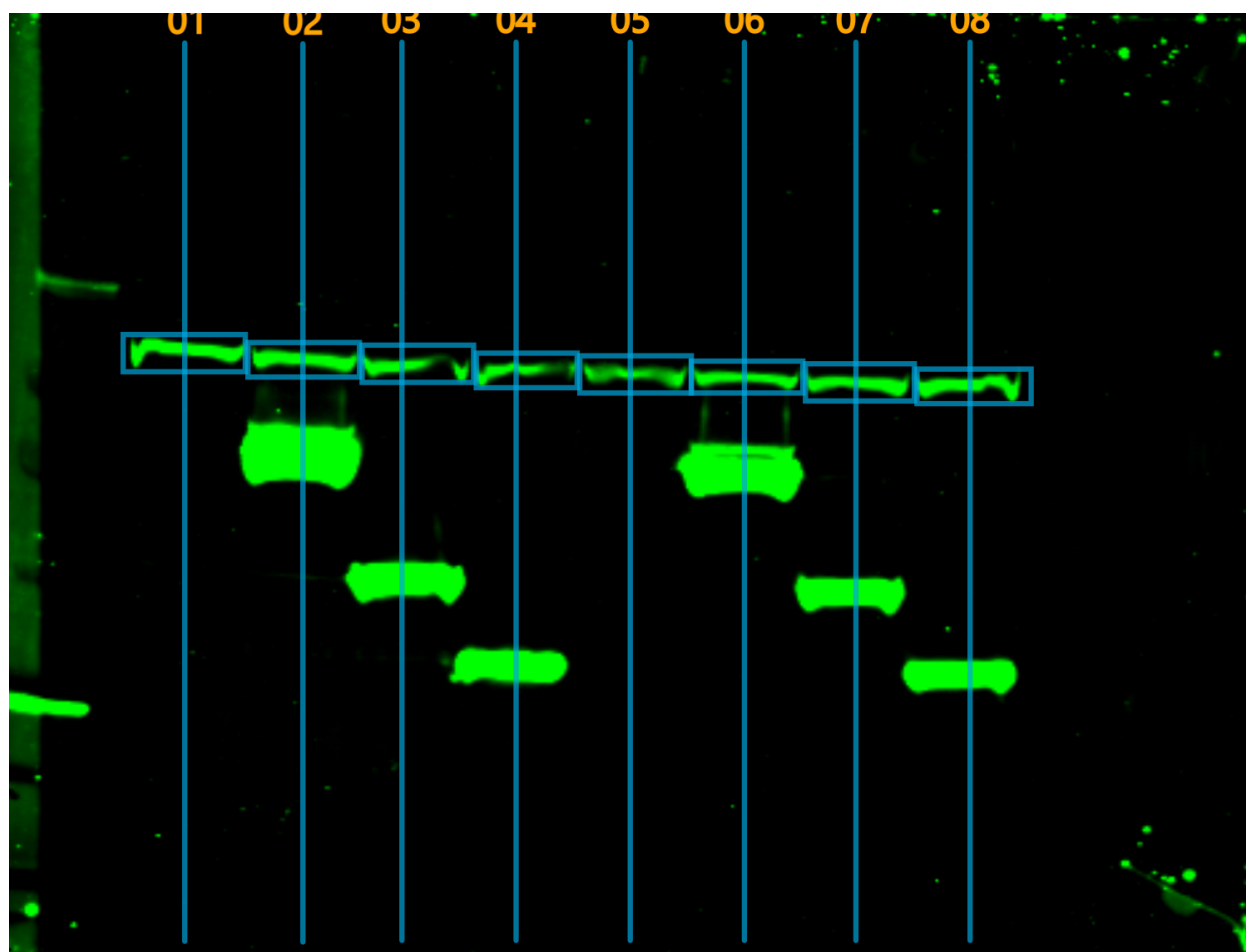
## Experimental Analysis

800 Channel

Image Name: 0000861\_01

Lane Detection: Manual

Protein: Lamin B



### Internal Loading Control Analysis Table

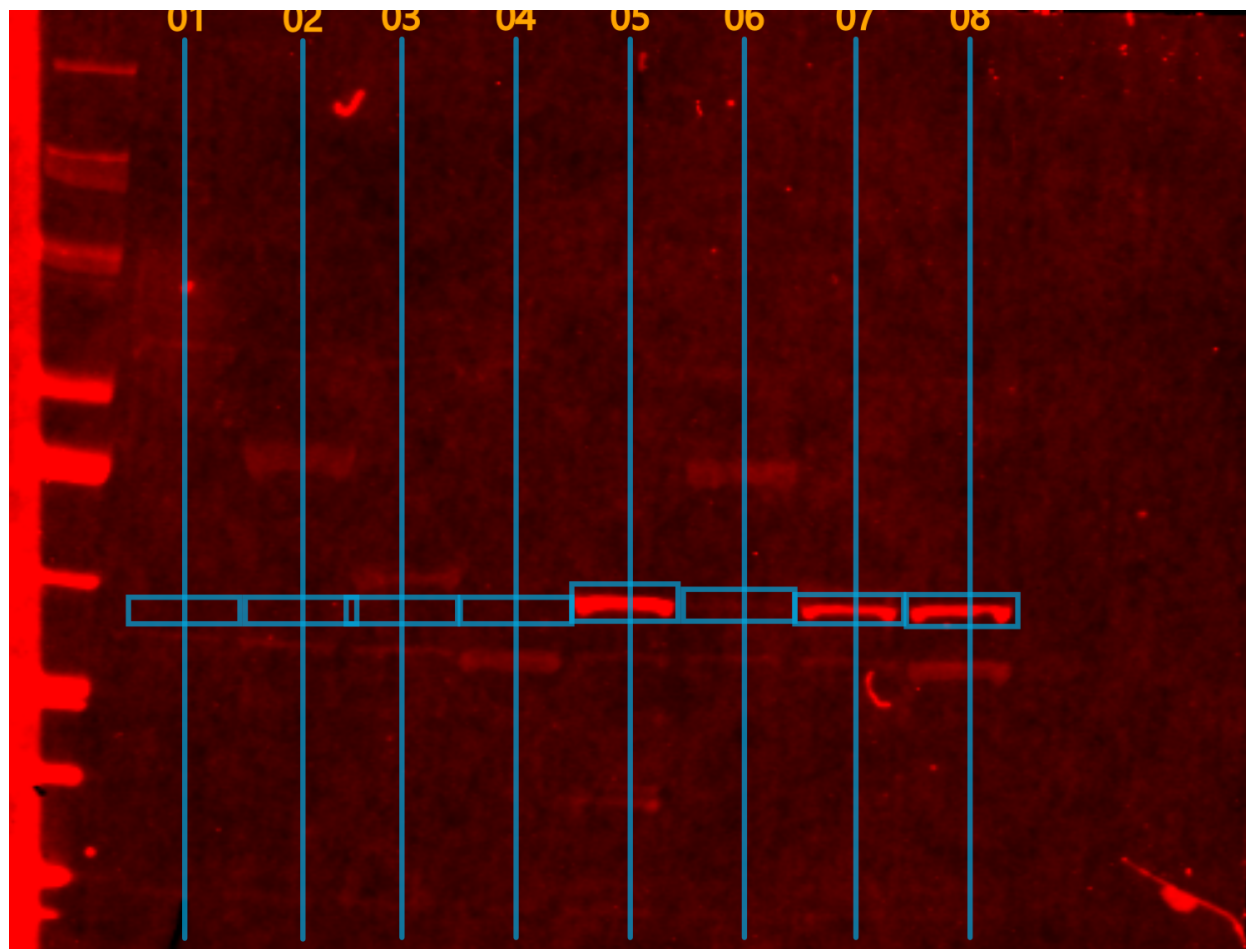
Lane	Name	MW	Signal	SNR	Replicate	Avg. Signal	Avg. SNR	Std. Dev.	% CV	∇	Treatment (%)	Type
01	control		1,410	22.7	01					0		Sample
02	T21		947	12.4	02					0		Sample
03	dS		694	19.8	03					0		Sample
04	dPS		557	15.6	04					0		Sample
05	A3G		590	17.7	05					0		Sample
06	G/T21		703	14.8	06					0		Sample
07	G/dS		817	18.2	07					0		Sample
08	G/dPS		995	17.5	08					0		Sample

700 Channel

Image Name: 0000861\_01

Lane Detection: Manual

Protein: A3G



Protein Analysis Table

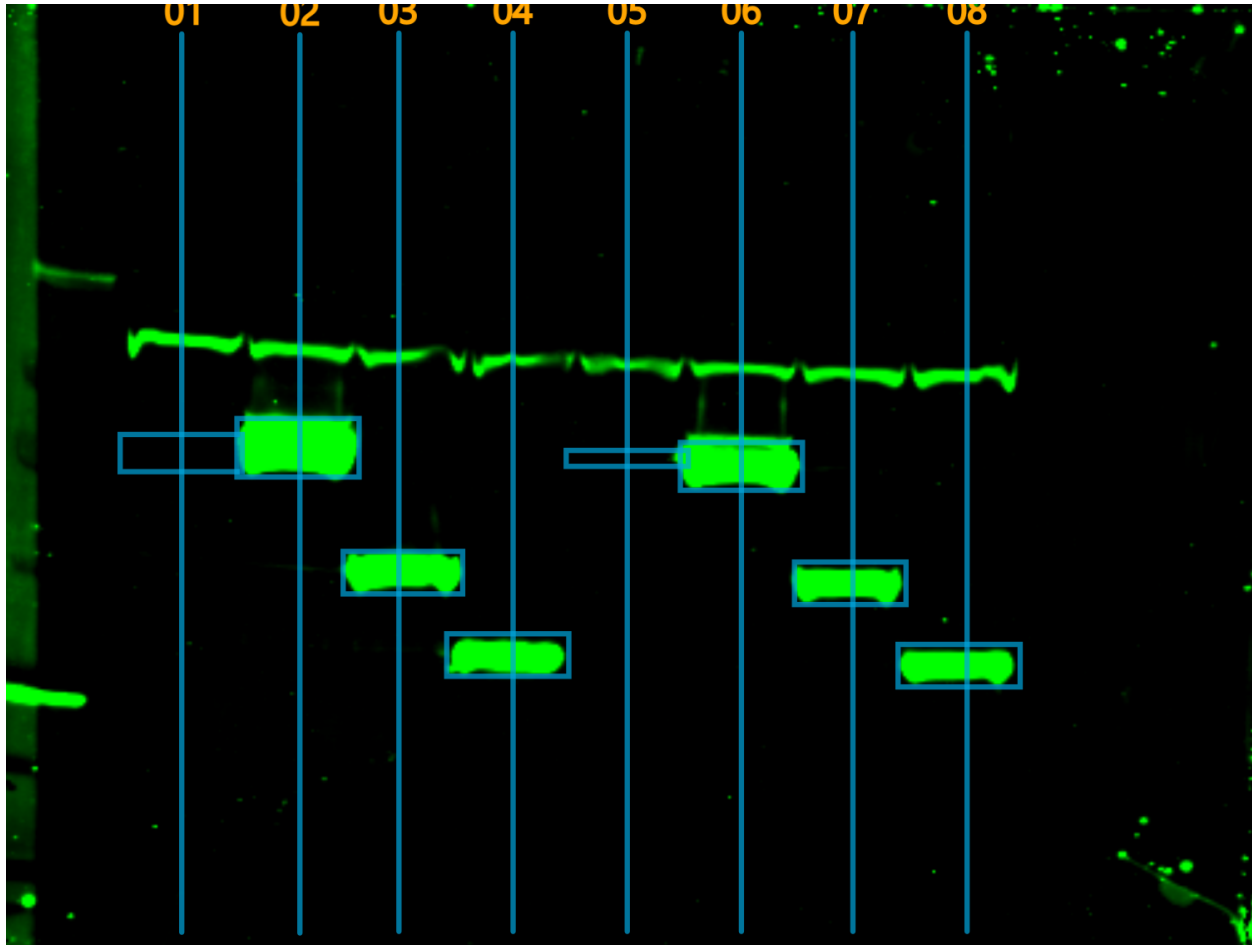
Lane	Name	MW	Signal	Total	Normalized Signal	SNR	Replicate	Avg. Norm. Signal	Avg. SNR	Std. Dev.	^ % CV	Treatment (%)	Type
01	control		3.71	1,720	3.71	0.068	01					0	Sample
02	T21		31.8	1,730	47.6	0.629	02					0	Sample
03	dS		0.784	1,710	1.60	0.017	03					0	Sample
04	dPS		-9.19	1,700	-23.3	-0.203	04					0	Sample
05	A3G		1,270	3,540	3,040	17.3	05					0	Sample
06	G/T21		56.3	2,140	113	0.729	06					0	Sample
07	G/dS		568	2,460	983	7.84	07					0	Sample
08	G/dPS		785	2,840	1,120	12.5	08					0	Sample

800 Channel

Image Name: 0000861\_01

Lane Detection: Manual

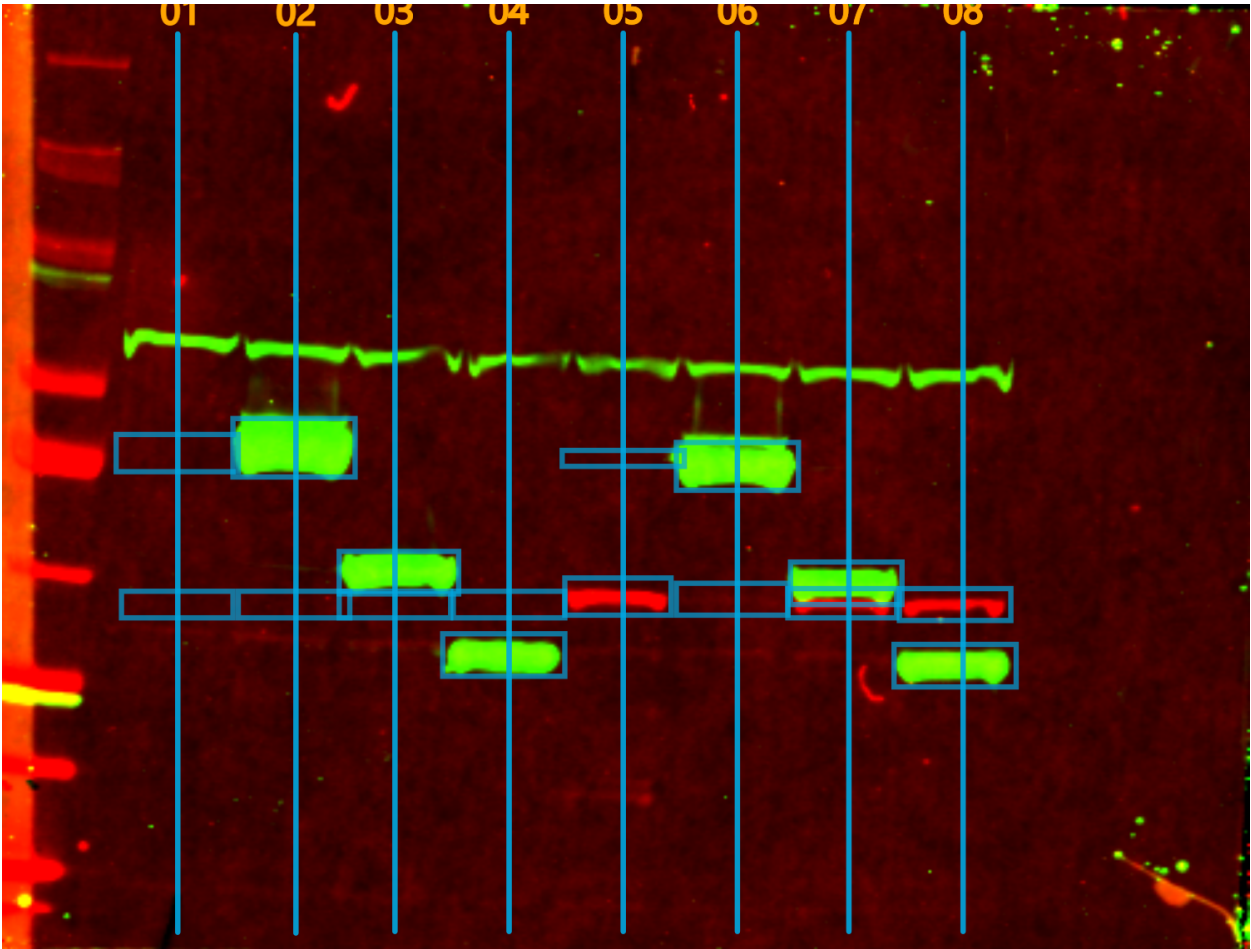
Protein: TRIM21



Protein Analysis Table

Lane	Name	MW	Signal	Total	Normalized Signal	SNR	Replicate	Avg. Norm. Signal	Avg. SNR	Std. Dev.	^ % CV	Treatment (%)	Type
01	control	187	1,320	187	187	4.54	01					0	Sample
02	T21	22,400	24,300	33,500	328		02					0	Sample
03	dS	14,300	15,700	29,200	303		03					0	Sample
04	dPS	16,800	18,200	42,700	373		04					0	Sample
05	A3G	515	1,010	1,240	33.5		05					0	Sample
06	G/T21	19,900	21,400	40,000	416		06					0	Sample
07	G/dS	10,300	11,500	17,800	230		07					0	Sample
08	G/dPS	18,100	19,300	25,700	259		08					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