

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: 6-5-2023 A3G TRIM21 with MLN and NU compounds

**Description**

Not specified

**Experiment Type**

Analysis: HKP + Targets

**Date Created**

Jan 9, 2025, 6:38:43 PM CST

**Date Edited**

Jan 9, 2025, 6:47:09 PM CST

**Image Information**

**Image Name:** 0000526\_01

**Acquire Date/Time**

Jun 7, 2023, 12:23:42 PM CDT

**Channels**

700, 800

**Resolution**

169  $\mu$ m

**Comment**

6-5-2023 G with MLN and NU

**User**

Not specified

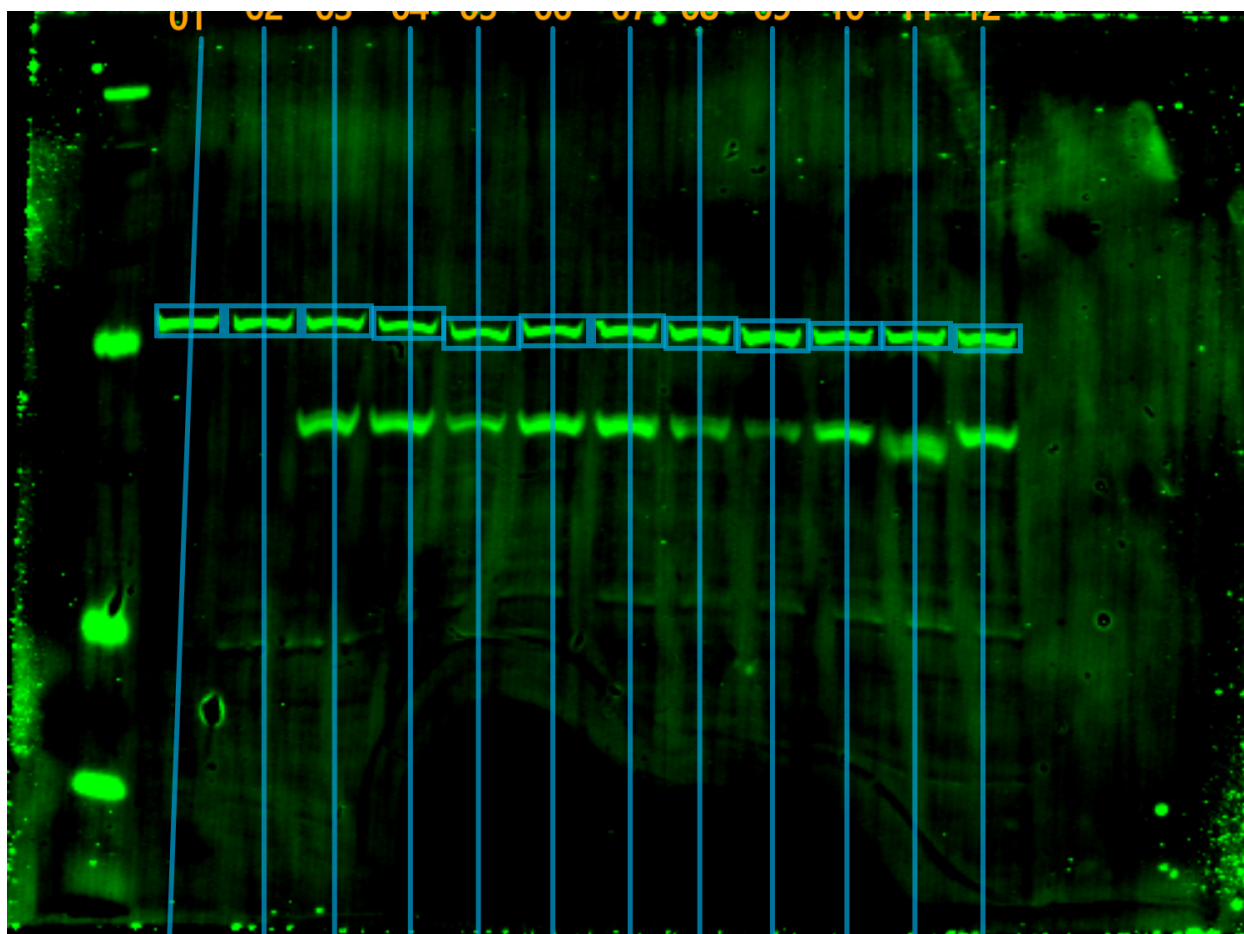
## Experimental Analysis

800 Channel

Image Name: 0000526\_01

Lane Detection: Manual

Protein: Lamin B



Internal Loading Control Analysis Table

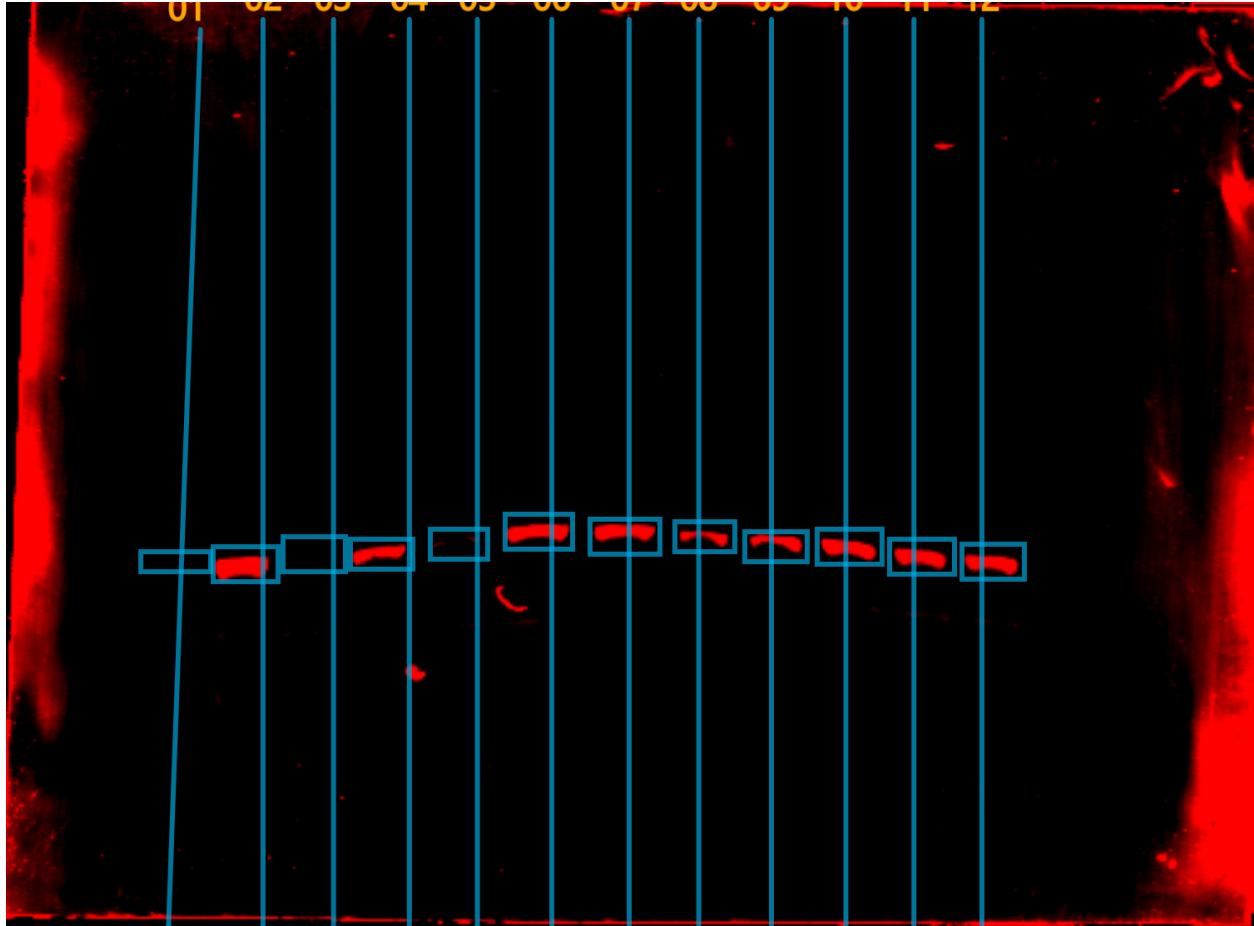
Lane	Name	MW	Signal	SNR	Replicate	Avg. Signal	Avg. SNR	Std. Dev.	% CV	∇	Treatment (%)	Type
01	Control		863	18.8	01						0	Sample
02	A3G		917	22.7	02						0	Sample
03	TRIM21		629	22.2	03						0	Sample
04	G/T21 DMSO		495	10.5	04						0	Sample
05	G/T21 EPO 3		477	11.1	05						0	Sample
06	G/T21 MLN 1		499	14.1	06						0	Sample
07	G/T21 NU5...		646	20.5	07						0	Sample
08	G/T21 NU5...		658	10.4	08						0	Sample
09	G/T21 NU3...		803	6.53	09						0	Sample
10	G/T21 NU3...		778	16.7	10						0	Sample
11	G/T21 NU6...		870	9.19	11						0	Sample
12	G/T21 NU6...		978	16.3	12						0	Sample

700 Channel

Image Name: 0000526\_01

Lane Detection: Manual

Protein: A3G



Protein Analysis Table

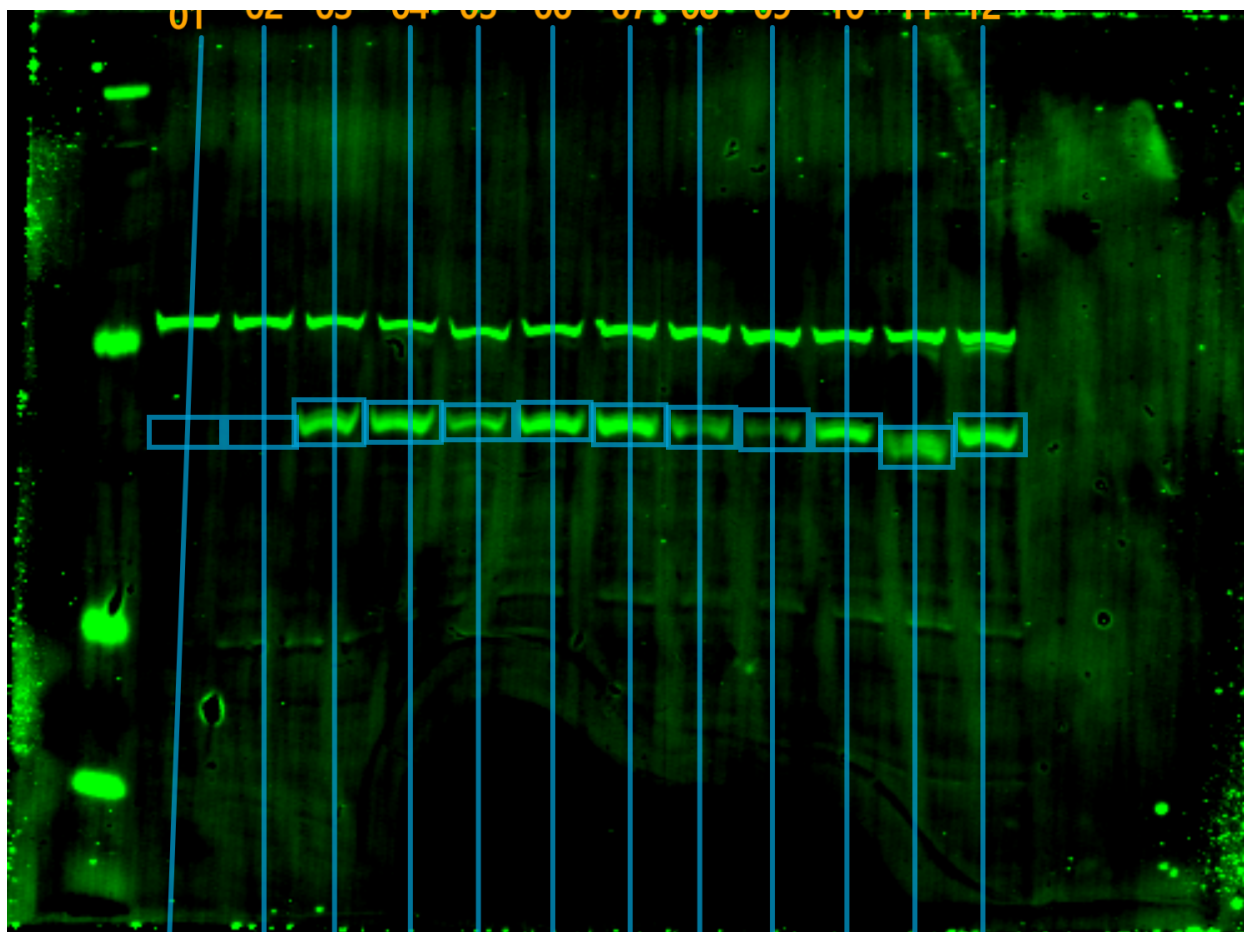
Lane	Name	MW	Signal	Total	Normalized Signal	SNR	Replicate	Avg. Norm. Signal	Avg. SNR	Std. Dev.	^ % CV	Treatment (%)	Type
01	Control	120	4,690	136	0.646	01						0	Sample
02	A3G	9,690	17,000	10,300	22.8	02						0	Sample
03	TRIM21	82.8	7,070	129	0.295	03						0	Sample
04	G/T21 DMSO	3,170	9,140	6,260	14.6	04						0	Sample
05	G/T21 EPO 3	409	5,940	840	1.36	05						0	Sample
06	G/T21 MLN 1	5,770	13,300	11,300	12.9	06						0	Sample
07	G/T21 NUS...	4,300	11,800	6,510	10.8	07						0	Sample
08	G/T21 NUS...	1,860	7,130	2,760	10.2	08						0	Sample
09	G/T21 NU3...	2,770	8,490	3,370	8.26	09						0	Sample
10	G/T21 NU3...	4,890	12,400	6,150	11.8	10						0	Sample
11	G/T21 NU6...	3,830	11,700	4,310	9.25	11						0	Sample
12	G/T21 NU6...	4,330	12,000	4,330	12.9	12						0	Sample

800 Channel

Image Name: 0000526\_01

Lane Detection: Manual

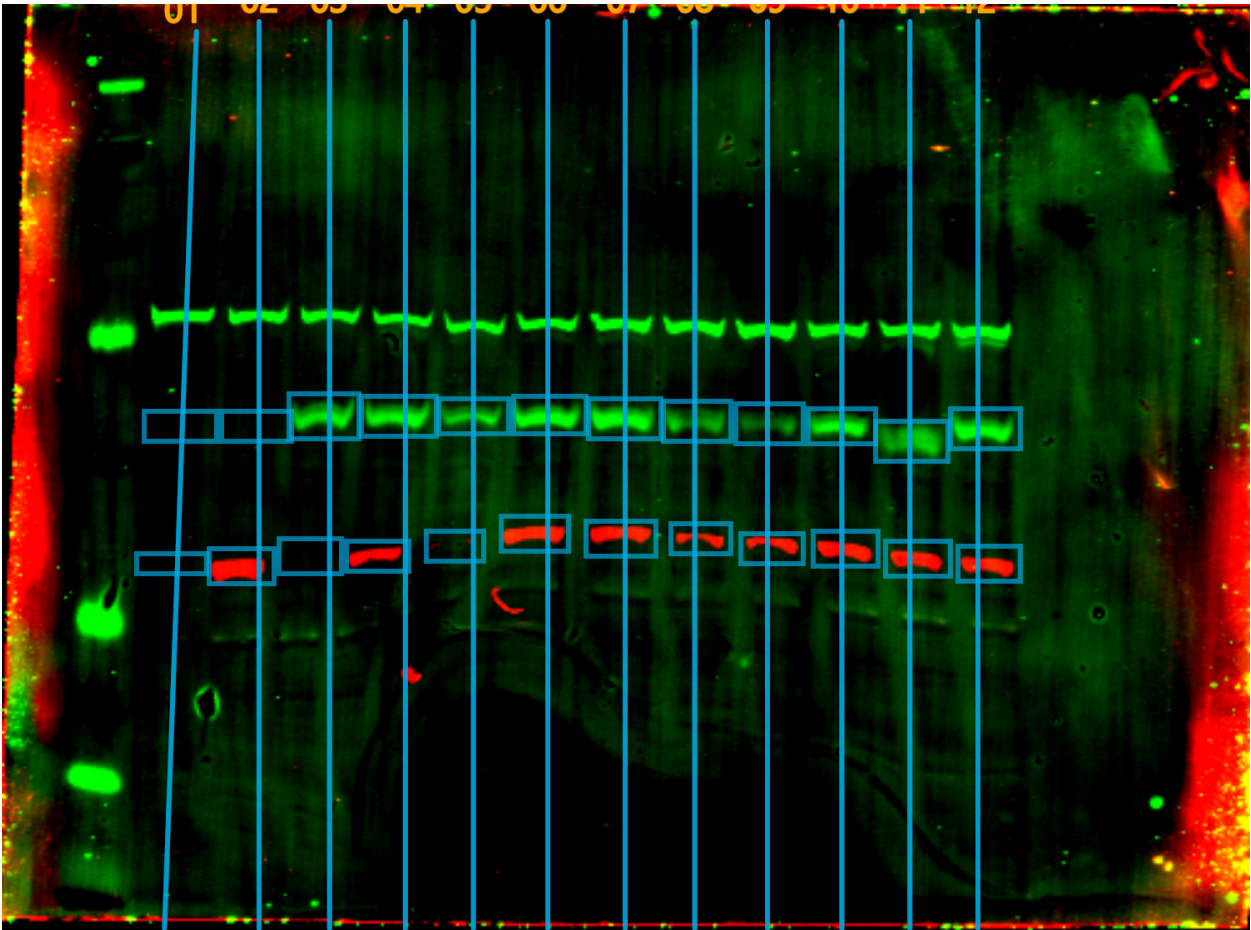
Protein: TRIM21



Protein Analysis Table

Lane	Name	MW	Signal	Total	Normalized Signal	SNR	Replicate	Avg. Norm. Signal	Avg. SNR	Std. Dev.	^ % CV	Treatment (%)	Type
01	Control	20.7	20.7	1,420	23.5	0.374	01					0	Sample
02	A3G	8.67	8.67	1,400	9.24	0.201	02					0	Sample
03	TRIM21	352	352	2,500	548	4.75	03					0	Sample
04	G/T21 DMSO	360	360	2,460	713	3.46	04					0	Sample
05	G/T21 EPO 3	197	197	1,950	404	4.34	05					0	Sample
06	G/T21 MLN 1	387	387	2,290	759	4.98	06					0	Sample
07	G/T21 NUS...	397	397	2,450	601	7.19	07					0	Sample
08	G/T21 NUS...	193	193	2,070	286	3.30	08					0	Sample
09	G/T21 NU3...	106	106	1,950	129	0.798	09					0	Sample
10	G/T21 NU3...	333	333	1,950	419	4.52	10					0	Sample
11	G/T21 NU6...	446	446	2,400	502	2.61	11					0	Sample
12	G/T21 NU6...	362	362	2,370	362	4.71	12					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