

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: 10-2-2023 A3G with TRIM21 and compound treatments

Description

Not specified

Experiment Type

Analysis: HKP + Targets

Date Created

Jan 9, 2025, 7:05:32 PM CST

Date Edited

Jan 9, 2025, 7:11:42 PM CST

Image Information

Image Name: 0000641_01

Acquire Date/Time

Oct 3, 2023, 12:25:33 PM CDT

Channels

700, 800

Resolution

169 μ m

Comment

10-2-2023 A3G with treatments

User

Not specified

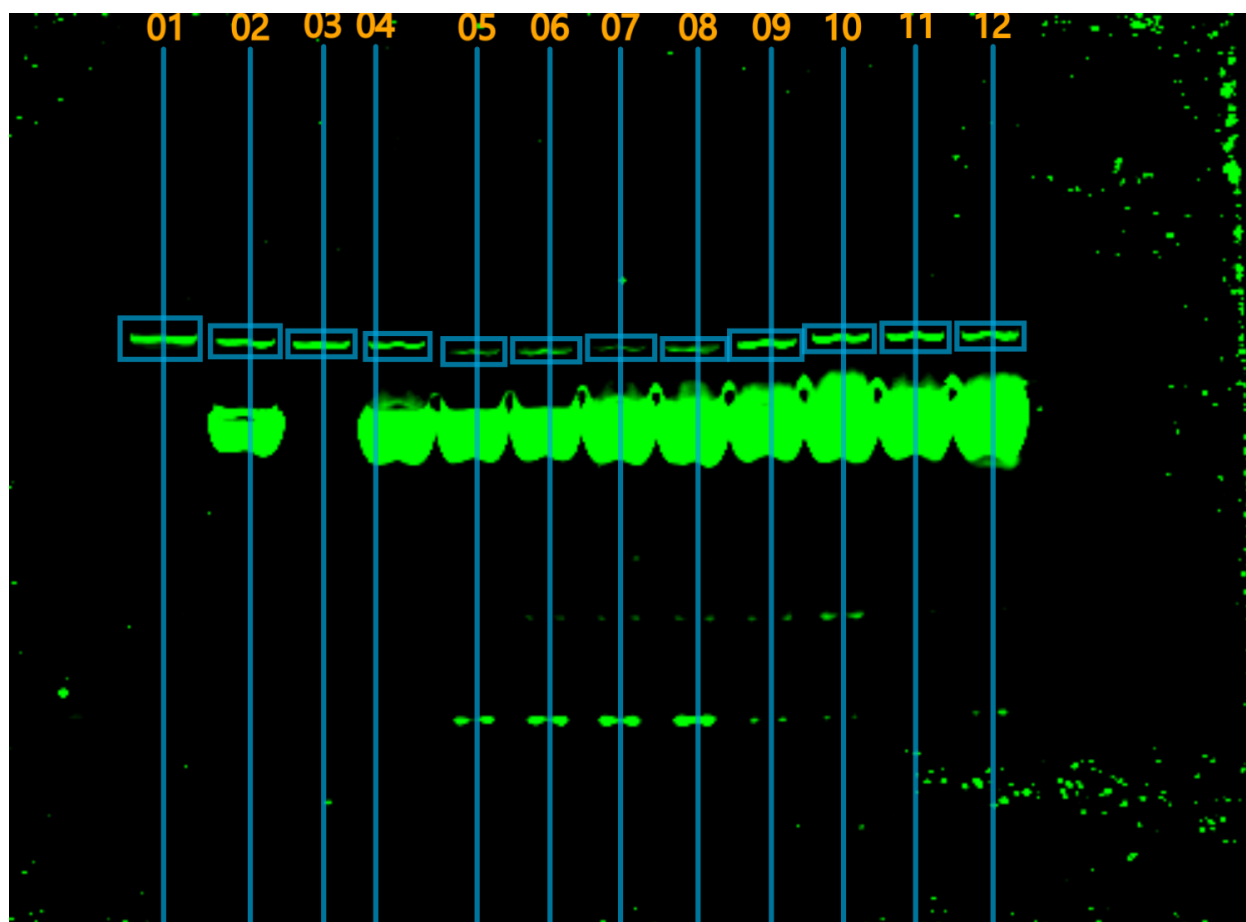
Experimental Analysis

800 Channel

Image Name: 0000641_01

Lane Detection: Manual

Protein: Lamin B



Internal Loading Control Analysis Table

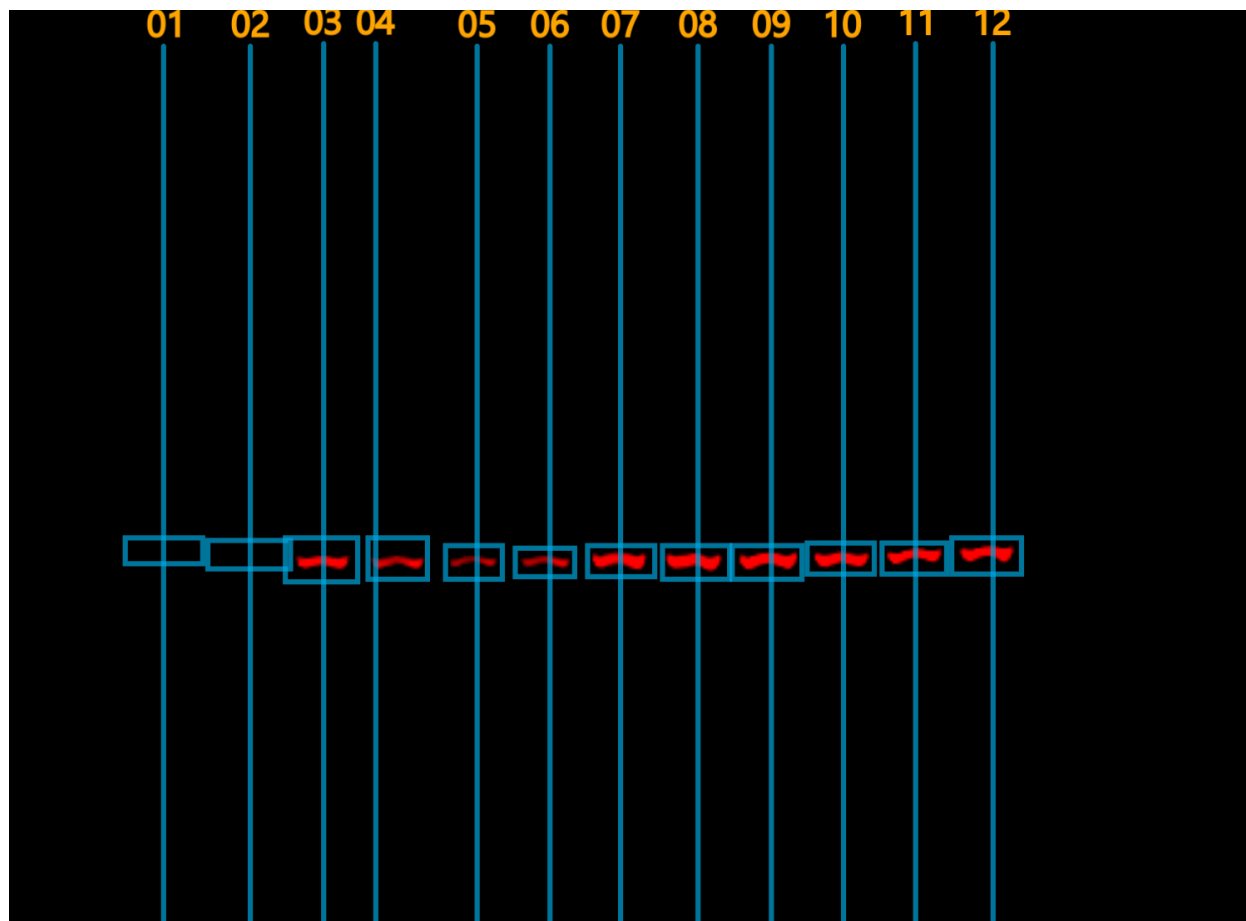
Lane	Name	MW	Signal	SNR	Replicate	Avg. Signal	Avg. SNR	Std. Dev.	% CV	∇	Treatment (%)	Type
01	Control		1,450	20.8	01					0		Sample
02	TRIM21		898	28.8	02					0		Sample
03	A3G		892	29.5	03					0		Sample
04	G/T21 DMSO		677	33.7	04					0		Sample
05	G/T21 MG1...		561	23.1	05					0		Sample
06	G/T21 MG1...		669	31.8	06					0		Sample
07	G/T21 TAK...		571	30.0	07					0		Sample
08	G/T21 TAK...		644	45.2	08					0		Sample
09	G/T21 MLN...		980	60.3	09					0		Sample
10	G/T21 NU5...		1,120	47.1	10					0		Sample
11	G/T21 NU3...		984	48.2	11					0		Sample
12	G/T21 NU6...		1,020	56.7	12					0		Sample

700 Channel

Image Name: 0000641_01

Lane Detection: Manual

Protein: A3G



Protein Analysis Table

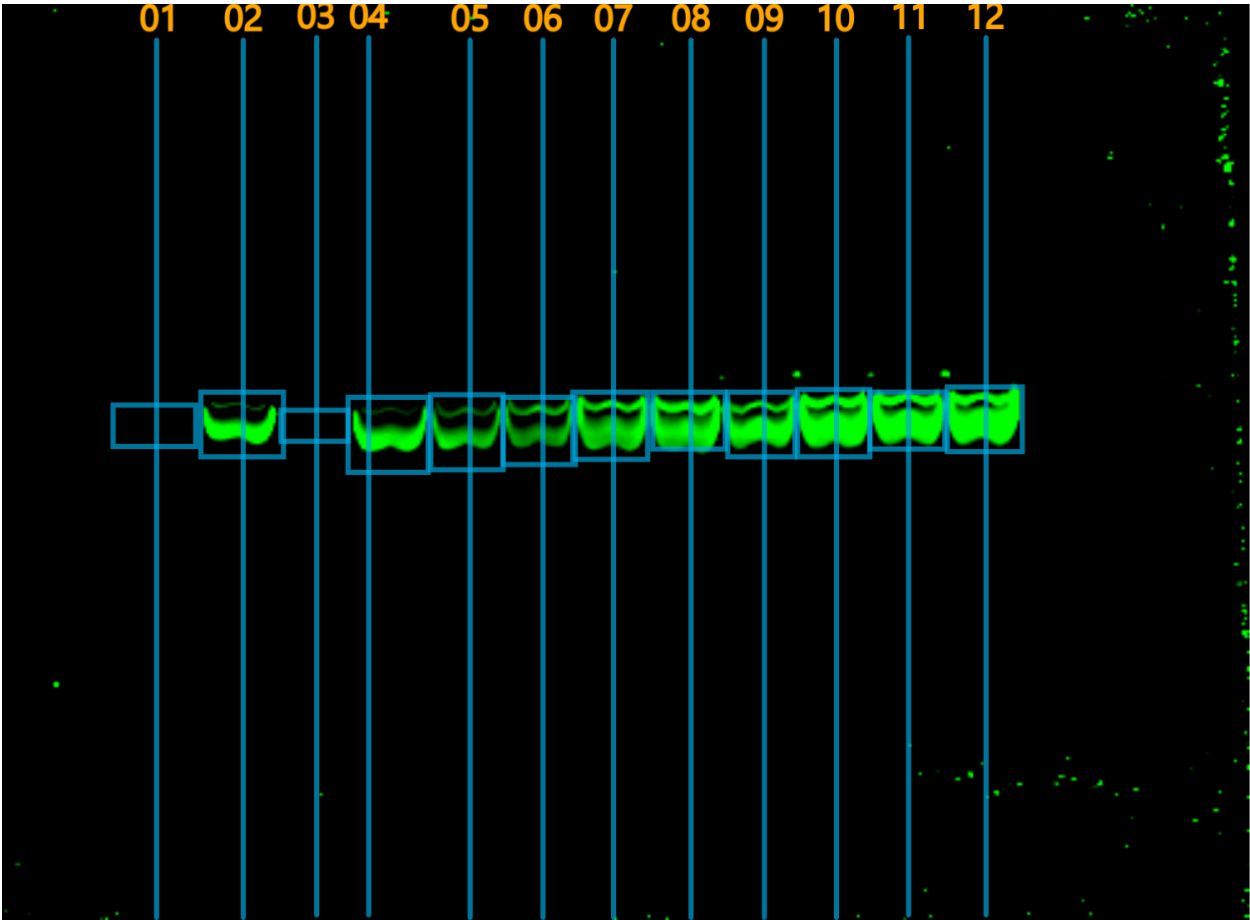
Lane	Name	MW	Signal	Total	Normalized Signal	SNR	Replicate	Avg. Norm. Signal	Avg. SNR	Std. Dev.	^ % CV	Treatment (%)	Type
01	Control	284	2,730	284	0.88	01						0	Sample
02	TRIM21	300	3,230	485	1.34	02						0	Sample
03	A3G	22,500	28,200	36,600	12.3	03						0	Sample
04	G/T21 DMSO	18,200	23,000	39,000	14.2	04						0	Sample
05	G/T21 MG1...	14,600	17,700	37,800	34.8	05						0	Sample
06	G/T21 MG1...	16,000	18,700	34,800	40.7	06						0	Sample
07	G/T21 TAK-...	27,500	31,200	70,000	27.5	07						0	Sample
08	G/T21 TAK-...	30,700	34,500	69,300	37.9	08						0	Sample
09	G/T21 MLN ...	31,600	35,900	46,800	21.2	09						0	Sample
10	G/T21 NU5...	26,800	30,300	34,900	32.4	10						0	Sample
11	G/T21 NU3...	25,100	28,100	37,000	57.8	11						0	Sample
12	G/T21 NU6...	27,000	31,800	38,400	15.0	12						0	Sample

800 Channel

Image Name: 0000641_01

Lane Detection: Manual

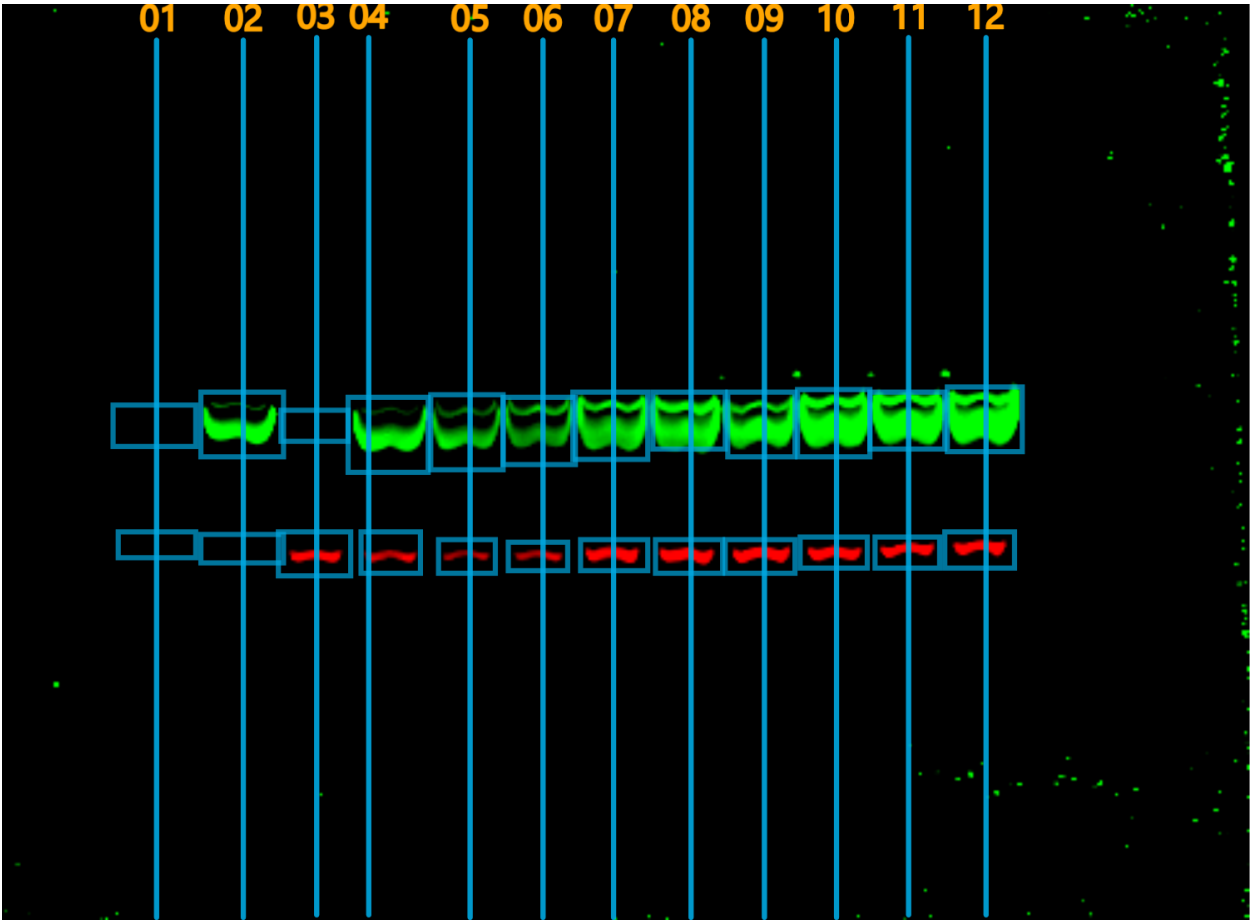
Protein: TRIM21



Protein Analysis Table

Lane	Name	MW	Signal	Total	Normalized Signal	SNR	Replicate	Avg. Norm. Signal	Avg. SNR	Std. Dev.	^ % CV	Treatment (%)	Type
01	Control		-16.3	950	-16.3	-0.283	01					0	Sample
02	TRIM21		12,900	14,500	20,900	108	02					0	Sample
03	A3G		-6.91	641	-11.2	-0.226	03					0	Sample
04	G/T21 DMSO		14,300	16,200	30,700	147	04					0	Sample
05	G/T21 MG1...		11,900	13,700	30,900	149	05					0	Sample
06	G/T21 MG1...		11,900	13,400	25,900	162	06					0	Sample
07	G/T21 TAK-...		16,600	18,300	42,300	130	07					0	Sample
08	G/T21 TAK-...		17,000	18,300	38,400	295	08					0	Sample
09	G/T21 MLN ...		15,600	16,900	23,100	360	09					0	Sample
10	G/T21 NU5...		20,300	21,800	26,400	330	10					0	Sample
11	G/T21 NU3...		19,400	20,700	28,600	491	11					0	Sample
12	G/T21 NU6...		21,600	23,100	30,700	342	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