

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: 5-23-2023 A3G with TRIM21 WT and dP-S dS

Description

Not specified

Experiment Type

Analysis: HKP + Targets

Date Created

Jan 9, 2025, 6:30:52 PM CST

Date Edited

Jan 9, 2025, 6:38:21 PM CST

Image Information

Image Name: 0000516_01

Acquire Date/Time

May 30, 2023, 2:43:48 PM CDT

Channels

700, 800

Resolution

169 µm

Comment

5-25-23 G with T21 dS dPS

User

Not specified

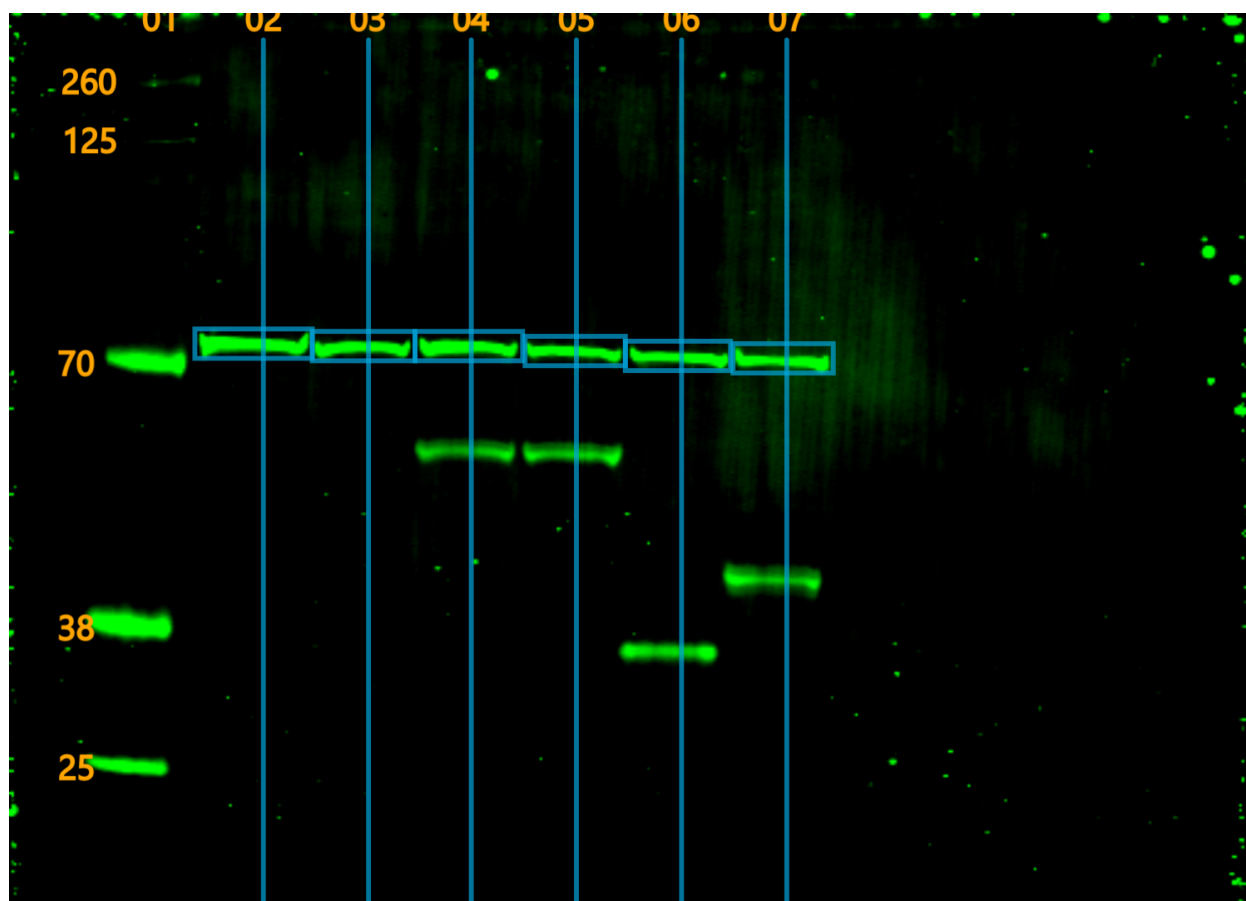
Experimental Analysis

800 Channel

Image Name: 0000516_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
02	Control	73.6	2,340	18.7	02					0	Sample
03	A3G	72.8	1,900	19.0	03					0	Sample
04	A3G with T...	72.8	1,730	28.0	04					0	Sample
05	A3G with T...	72	1,500	22.5	05					0	Sample
06	A3G with d...	71.2	1,630	18.2	06					0	Sample
07	A3G with dS	70.4	1,260	20.6	07					0	Sample

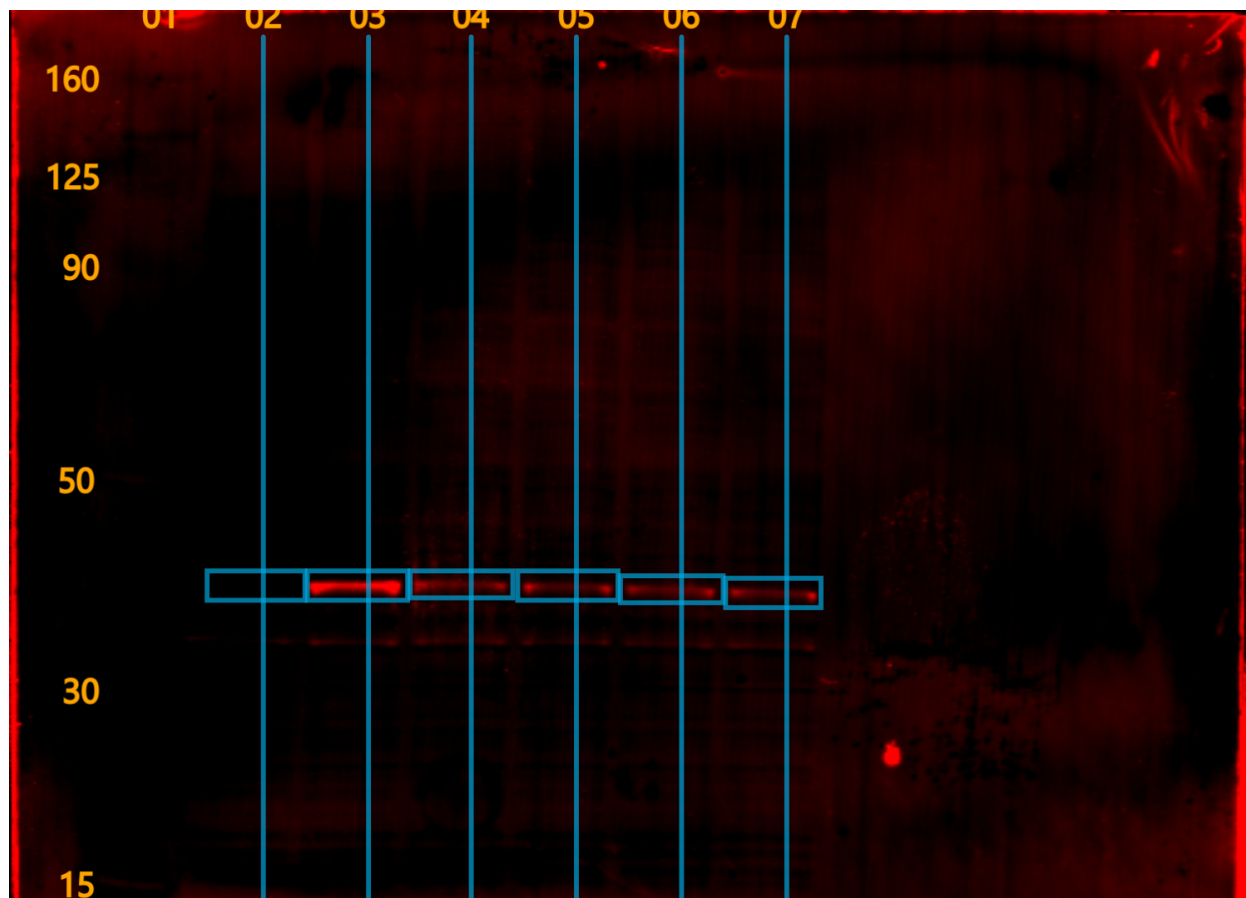
MW values are calculated using marker set Chameleon Duo 800 on the 800 Channel.

700 Channel

Image Name: 0000516_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
02	Control	39.1	-39.7	7,230	-39.7	-0.097	02					0	Sample
03	A3G	38.8	2,810	11,000	3,460	8.51	03					0	Sample
04	A3G with T...	38.8	968	9,120	1,310	3.08	04					0	Sample
05	A3G with T...	38.6	718	9,300	1,120	2.12	05					0	Sample
06	A3G with dP...	38.3	740	8,970	1,060	2.46	06					0	Sample
07	A3G with dS	37.8	660	8,910	1,220	2.31	07					0	Sample

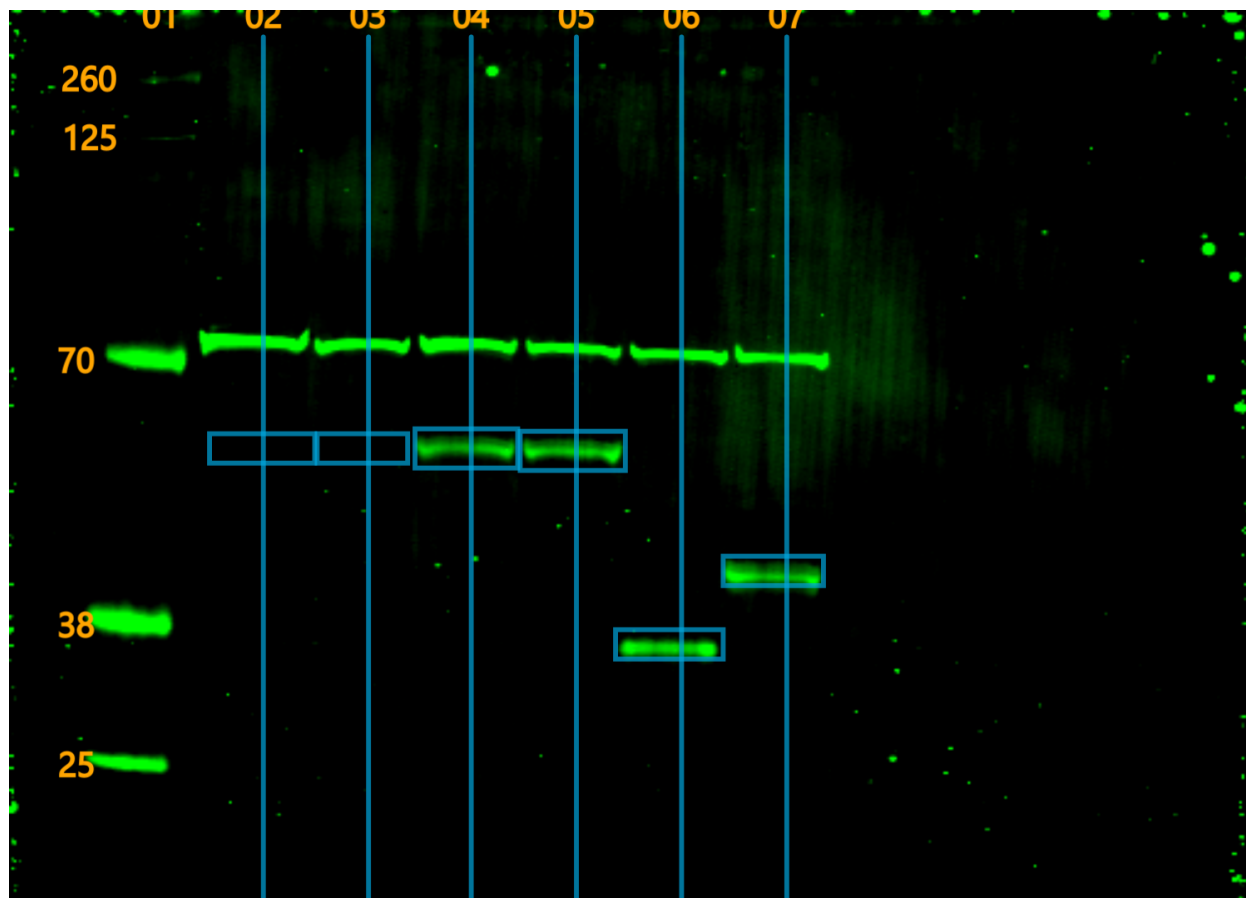
MW values are calculated using marker set Chameleon Duo 700 on the 700 Channel.

800 Channel

Image Name: 0000516_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
02	Control	59.2	34.7	2,410	34.7	0.284	02					0	Sample
03	A3G	56.1	55.9	2,120	68.9	0.478	03					0	Sample
04	A3G with T...	57.6	520	3,760	703	5.07	04					0	Sample
05	A3G with T...	57	604	3,850	944	3.73	05					0	Sample
06	A3G with dP...	35.8	649	3,090	933	5.41	06					0	Sample
07	A3G with dS	43	539	2,920	998	3.10	07					0	Sample

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

MW Marker Tables

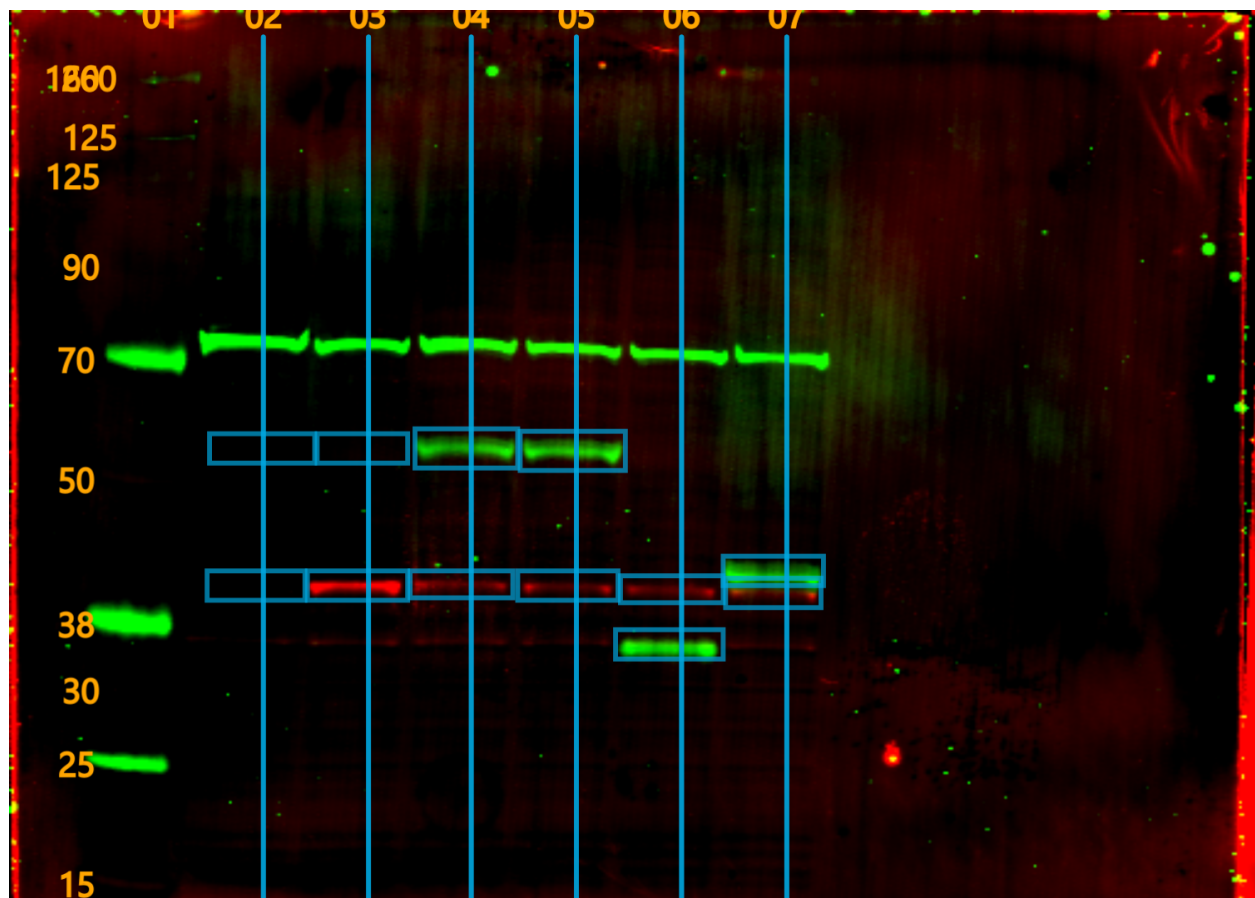
MW Marker Set Chameleon Duo 800 on the 800 Channel

Channel	Lane	Name	Band Name	MW
800	01	Lane01	B01	260
800	01	Lane01	B02	125
800	01	Lane01	B03	70
800	01	Lane01	B04	38
800	01	Lane01	B05	25

MW Marker Set Chameleon Duo 700 on the 700 Channel

Channel	Lane	Name	Band Name	MW
700	01	Lane01	B01	160
700	01	Lane01	B02	125
700	01	Lane01	B03	90
700	01	Lane01	B04	50
700	01	Lane01	B05	30
700	01	Lane01	B06	15

Summary



Experimental Observations

Not specified

Next Steps

Not specified

Summary

Not specified

Signatures

Researcher		
<hr/>	<hr/>	<hr/>
<i>Signature</i>	<i>Printed Name</i>	<i>Date</i>

Witness		
<hr/>	<hr/>	<hr/>
<i>Signature</i>	<i>Printed Name</i>	<i>Date</i>