

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: 2-27-22 A3B, C, F with HIF2a and TRIM21

Description

Not specified

Experiment Type

Analysis: HKP + Targets

Date Created

Jan 8, 2025, 2:57:00 PM CST

Date Edited

Jan 8, 2025, 3:03:39 PM CST

Image Information

Image Name: 0000262_01

Acquire Date/Time

Apr 13, 2022, 1:25:17 PM CDT

Channels

700, 800

Resolution

169 µm

Comment

2-27-22 A3B, C, F with HIF2 and TRIM21

User

Not specified

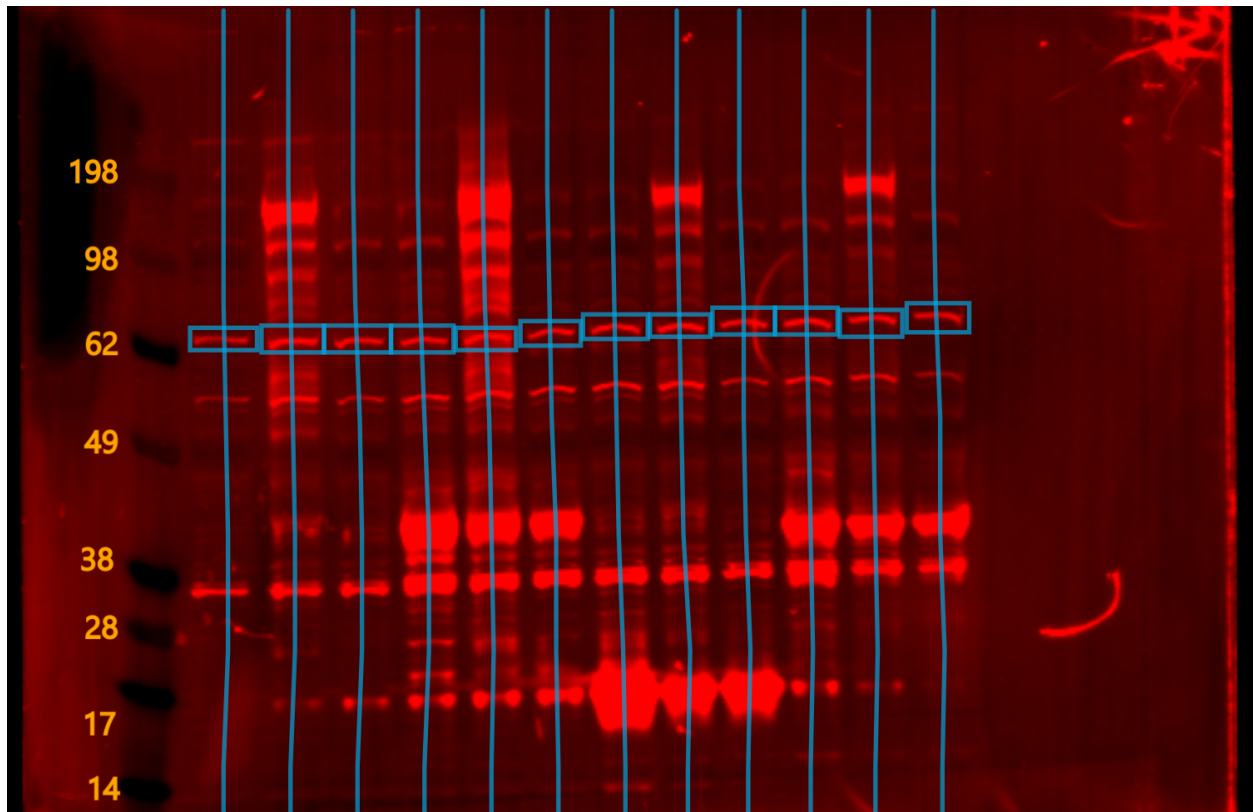
Experimental Analysis

700 Channel

Image Name: 0000262_01

Lane Detection: Automatic Lane Finding

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	55.4	3,020	4.95	02					0	Sample
03	HIF2a	55.1	1,310	0.345	03					0	Sample
04	TRIM21	55.4	3,970	4.12	04					0	Sample
05	A3B	55.4	3,440	2.42	05					0	Sample
06	B with HIF2a	56	1,990	0.426	06					0	Sample
07	B with TRI...	56.7	3,920	3.93	07					0	Sample
08	A3C	57.6	4,290	3.46	08					0	Sample
09	C with HIF2a	57.6	3,150	1.54	09					0	Sample
10	C with TRI...	58.7	4,970	5.30	10					0	Sample
11	A3F	59.4	4,390	2.99	11					0	Sample
12	F with HIF2a	60.1	3,030	2.07	12					0	Sample
13	F with TRI...	61	3,610	4.22	13					0	Sample

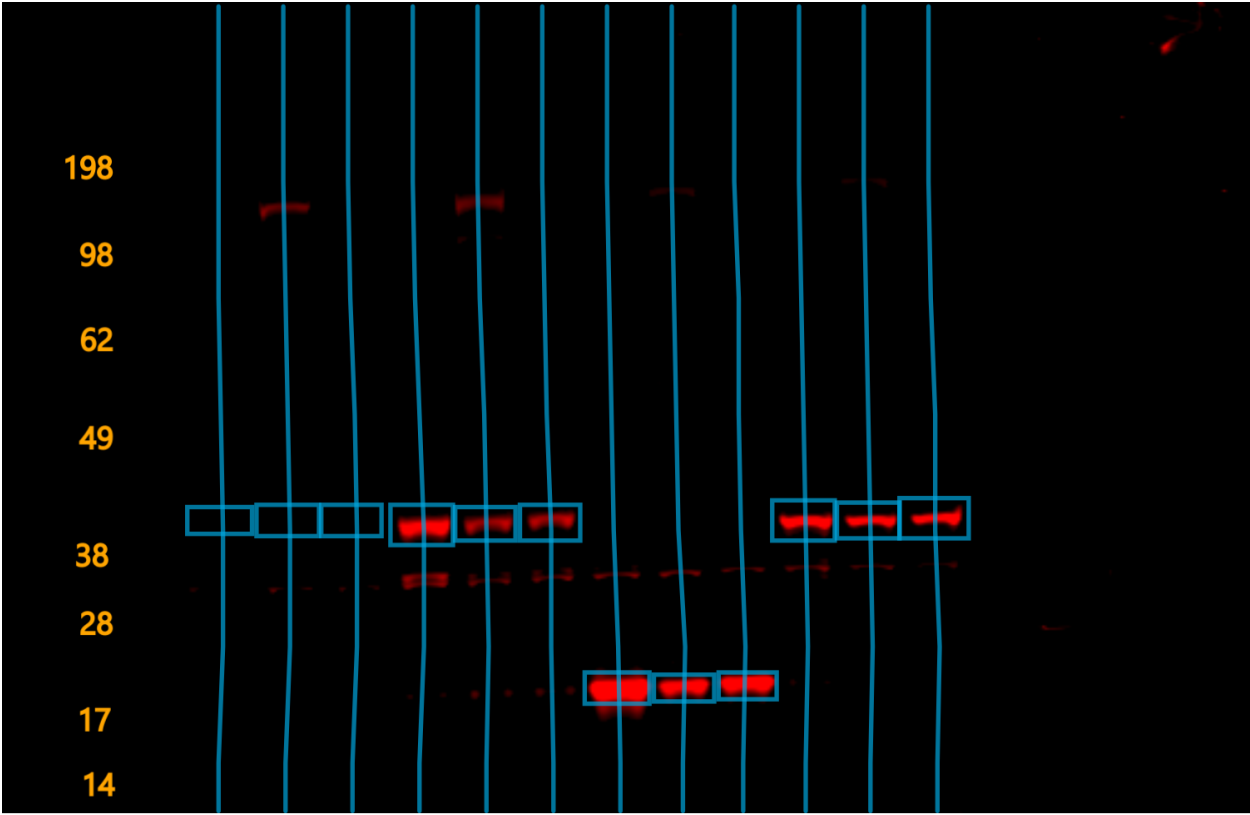
MW values are calculated using marker set SeeBlue on the 700 Channel.

700 Channel

Image Name: 0000262_01

Lane Detection: Automatic Lane Finding

Protein: A3s



Protein Analysis Table

Lane	Name	MW	Signal	Total	Normalized Signal	SNR	Replicate	Avg. Norm. Signal	Avg. SNR	Std. Dev.	^ % CV	Treatment (%)	Type
02	control	43.5	-105	21,500	-173	-0.113	02					0	Sample
03	HIF2a	43.5	3,230	29,500	12,300	1.12	03					0	Sample
04	TRIM21	42.5	1,080	24,600	1,350	0.991	04					0	Sample
05	A3B	43.5	128,000	164,000	185,000	28.2	05					0	Sample
06	B with HIF2a	43.9	63,600	94,000	159,000	14.3	06					0	Sample
07	B with TRIM...	44.3	62,900	91,600	79,700	25.9	07					0	Sample
08	A3C	17.4	254,000	282,000	294,000	65.3	08					0	Sample
09	C with HIF2a	17.6	113,000	133,000	179,000	86.6	09					0	Sample
10	C with TRIM...	17.8	143,000	163,000	143,000	160	10					0	Sample
11	A3F	43.9	112,000	148,000	126,000	23.4	11					0	Sample
12	F with HIF2a	43.9	78,300	109,000	128,000	27.0	12					0	Sample
13	F with TRIM...	44.1	82,400	121,000	113,000	21.0	13					0	Sample

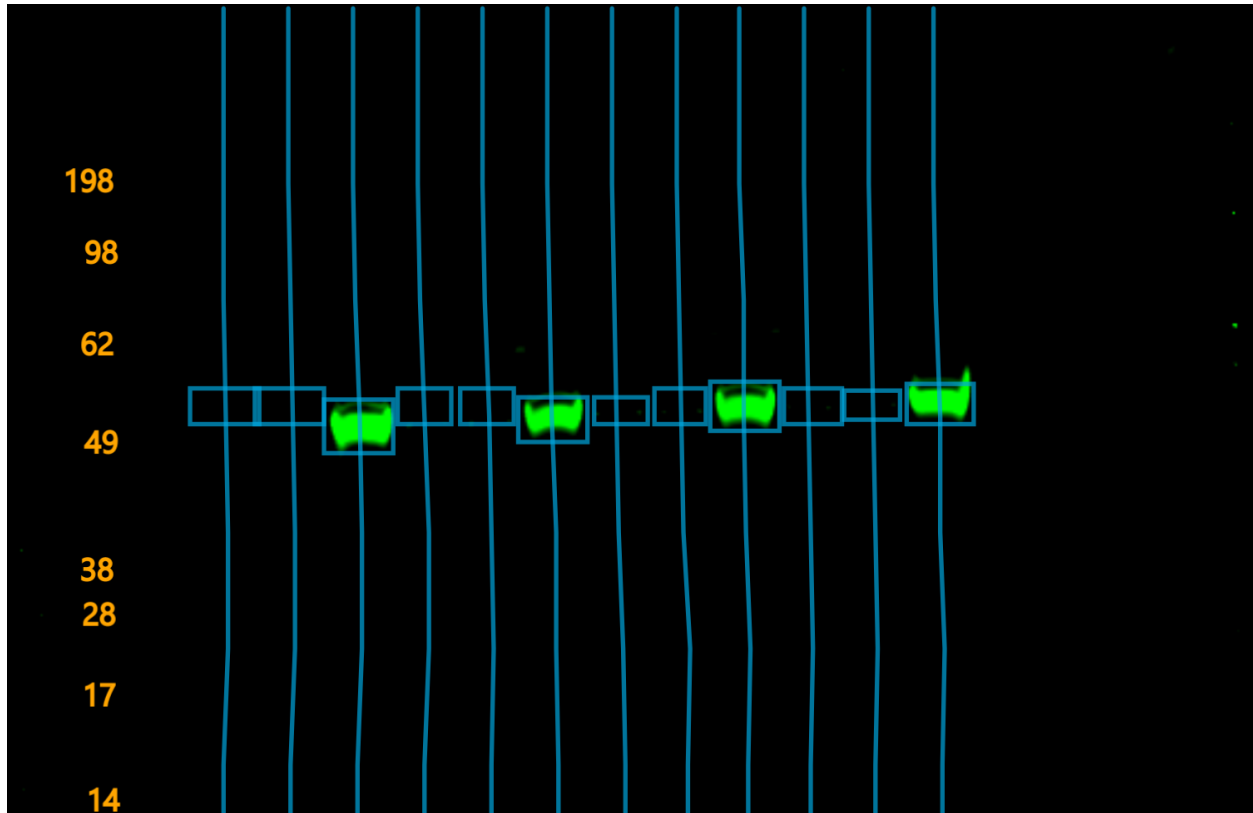
MW values are calculated using marker set SeeBlue on the 700 Channel.

800 Channel

Image Name: 0000262_01

Lane Detection: Automatic Lane Finding

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	53.3	-13.3	2,270	-21.9	-0.272	02					0	Sample
03	HIF2a	53.2	36.0	2,390	137	0.643	03					0	Sample
04	TRIM21	52.6	30,900	34,500	38,600	355	04					0	Sample
05	A3B	53.5	255	2,090	368	7.44	05					0	Sample
06	B with HIF2a	53.7	279	2,120	696	7.89	06					0	Sample
07	B with TRIM...	53.7	20,100	23,000	25,400	237	07					0	Sample
08	A3C	54.3	373	1,730	431	11.8	08					0	Sample
09	C with HIF2a	54.5	305	2,020	483	8.25	09					0	Sample
10	C with TRIM...	54.7	22,200	25,500	22,200	320	10					0	Sample
11	A3F	53.2	301	2,260	340	7.01	11					0	Sample
12	F with HIF2a	55	217	1,740	356	7.39	12					0	Sample
13	F with TRIM...	55.2	22,000	24,500	30,300	291	13					0	Sample

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

MW Marker Tables

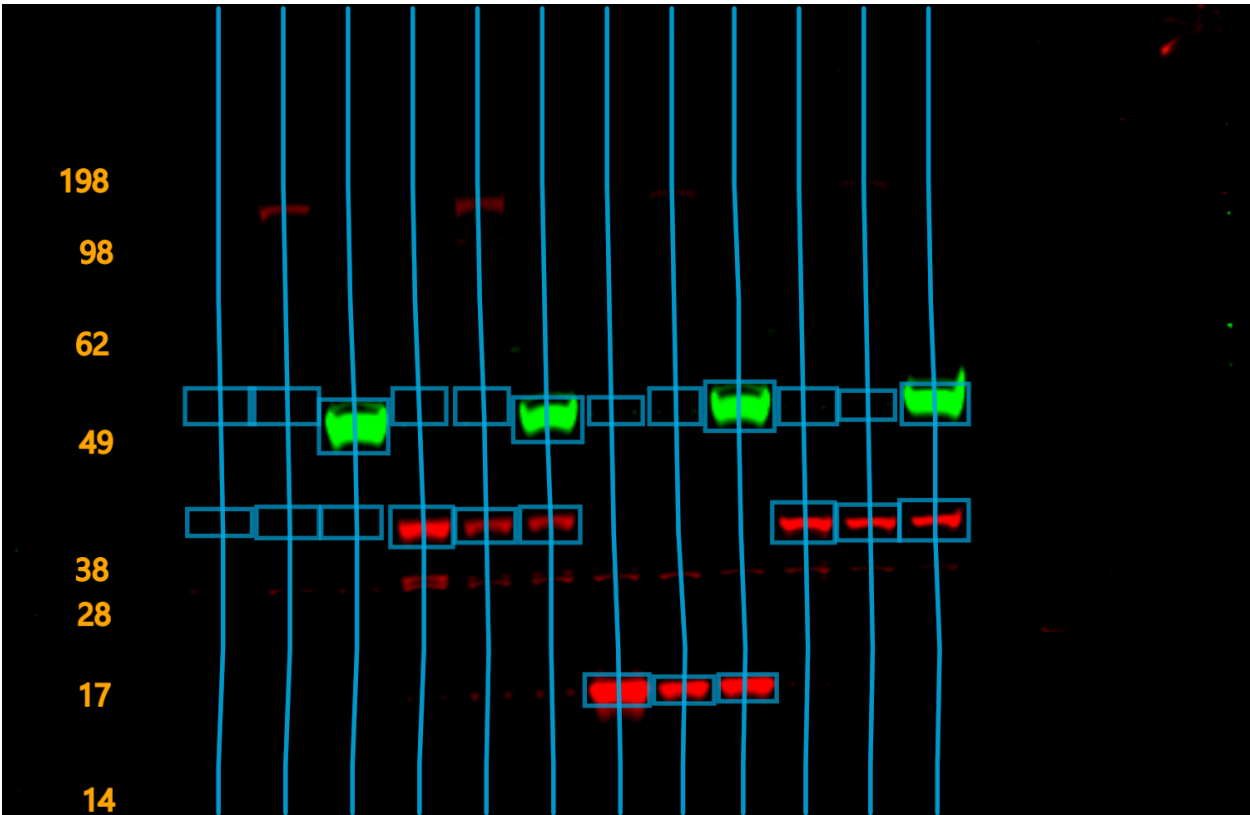
MW Marker Set SeeBlue on the 700 Channel

Channel	Lane	Name	Band Name	MW
700	01	Lane01	B01	198
700	01	Lane01	B02	98
700	01	Lane01	B03	62
700	01	Lane01	B04	49
700	01	Lane01	B05	38
700	01	Lane01	B06	28
700	01	Lane01	B07	17
700	01	Lane01	B08	14

MW Marker Set SeeBlue on the 800 Channel

Channel	Lane	Name	Band Name	MW
800	01	Lane01	B01	198
800	01	Lane01	B02	98
800	01	Lane01	B03	62
800	01	Lane01	B04	49
800	01	Lane01	B05	38
800	01	Lane01	B06	28
800	01	Lane01	B07	17
800	01	Lane01	B08	14

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