

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 G, H1, H2 with HIF2a and TRIM21

Description

Not specified

Experiment Type

Analysis: HKP + Targets

Date Created

Jan 8, 2025, 3:04:24 PM CST

Date Edited

Jan 8, 2025, 3:09:42 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 A3G, H1, H2 with HIF2a and TRIM21

User

Not specified

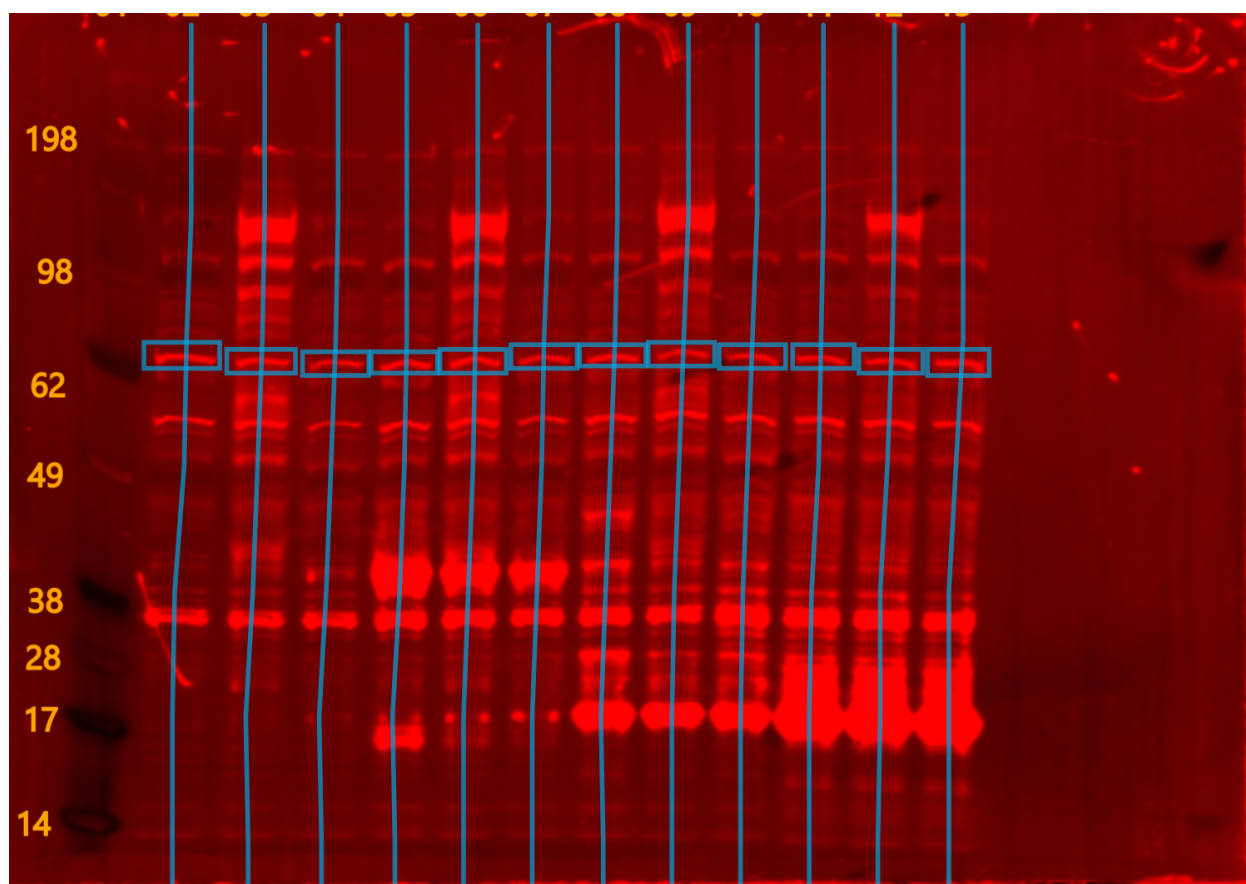
Experimental Analysis

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	68.8	4,160	3.42	02						0	Sample
03	HIF2a	67.5	499	0.166	03						0	Sample
04	TRIM21	67.5	2,230	3.23	04						0	Sample
05	A3G	66.9	2,780	2.49	05						0	Sample
06	G with HIF2a	67.5	1,260	0.497	06						0	Sample
07	G with TRI...	68.8	2,290	2.87	07						0	Sample
08	A3H1	68.8	2,450	2.05	08						0	Sample
09	H1 with HIF...	70.1	466	0.20	09						0	Sample
10	H1 with TRI...	69.4	1,840	1.36	10						0	Sample
11	A3H2	68.8	2,280	2.08	11						0	Sample
12	H2 with HIF...	68.1	1,550	1.01	12						0	Sample
13	H2 with TRI...	67.5	3,310	3.34	13						0	Sample

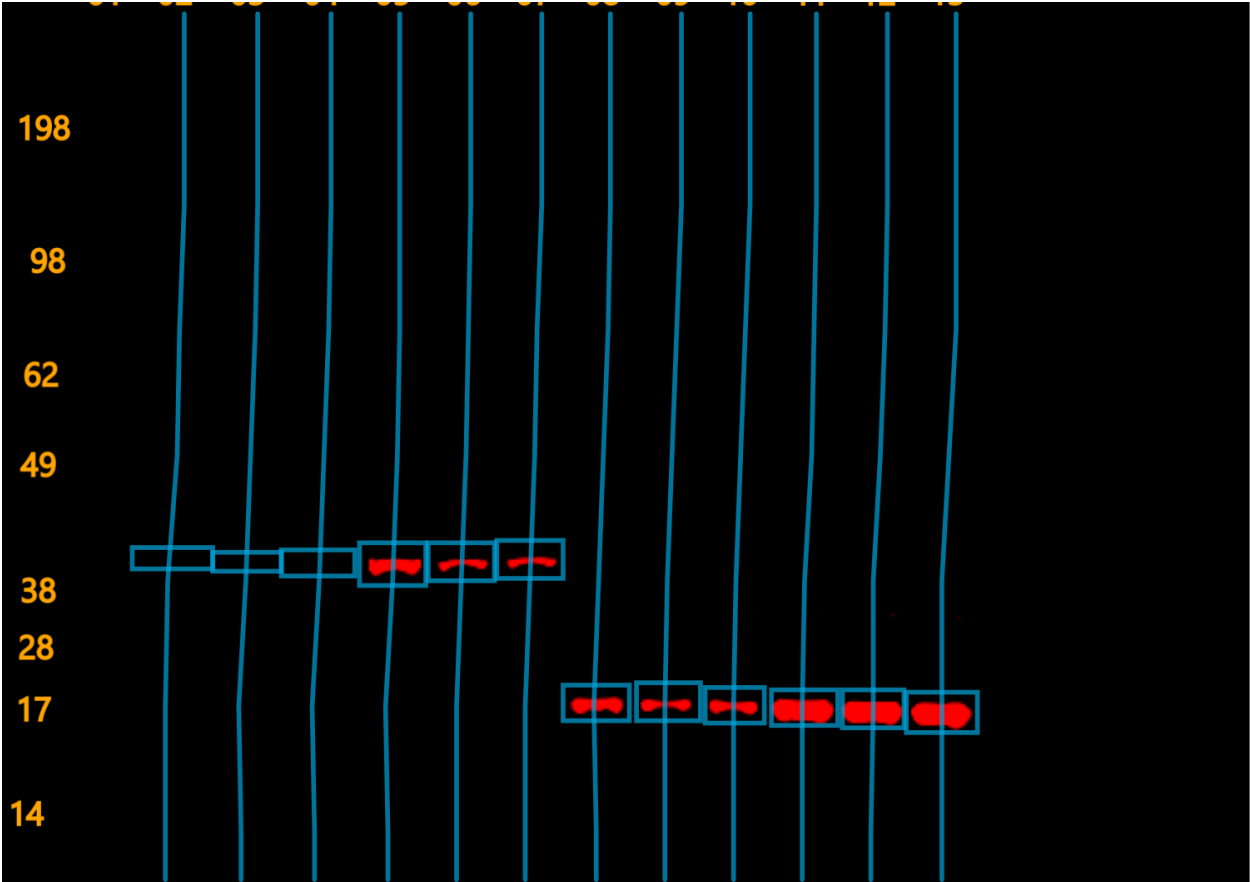
MW values are calculated using marker set SeeBlue on the 700 Channel.

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	41	520	16,700	520	0.671	02					0	Sample
03	HIF2a	40.8	620	14,400	5,160	0.436	03					0	Sample
04	TRIM21	40	1,890	20,900	3,520	1.46	04					0	Sample
05	A3G	40	124,000	155,000	185,000	35.1	05					0	Sample
06	G with HIF2a	40.3	56,700	86,500	187,000	12.3	06					0	Sample
07	G with TRIM...	40.5	55,000	81,800	99,900	30.6	07					0	Sample
08	A3H1	18.8	102,000	127,000	174,000	30.7	08					0	Sample
09	H1 with HIF2a	18.8	67,200	91,800	600,000	26.8	09					0	Sample
10	H1 with TRI...	18.8	74,100	97,600	168,000	17.3	10					0	Sample
11	A3H2	17.7	254,000	278,000	463,000	86.5	11					0	Sample
12	H2 with HIF2a	17.3	247,000	273,000	665,000	68.9	12					0	Sample
13	H2 with TRI...	17	272,000	301,000	343,000	83.2	13					0	Sample

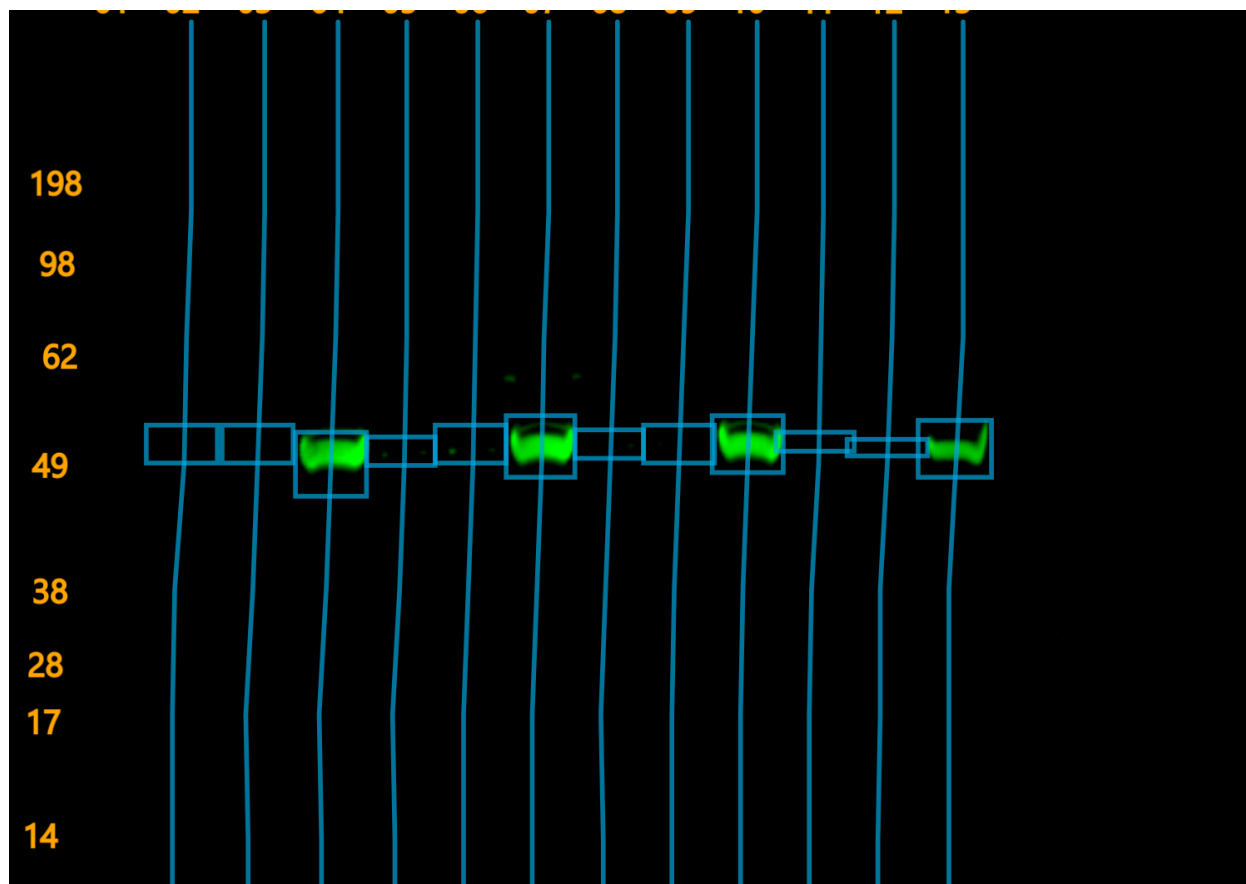
MW values are calculated using marker set SeeBlue on the 700 Channel.

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	52.9	11.5	1,660	11.5	0.281	02					0	Sample
03	HIF2a	52.2	23.4	1,730	195	0.541	03					0	Sample
04	TRIM21	51.6	19,500	22,400	36,400	278	04					0	Sample
05	A3G	52.2	1,050	2,310	1,570	33.7	05					0	Sample
06	G with HIF2a	52.4	850	2,630	2,810	19.2	06					0	Sample
07	G with TRIM...	52.5	19,700	22,600	35,800	299	07					0	Sample
08	A3H1	52.7	783	2,100	1,330	22.6	08					0	Sample
09	H1 with HIF2a	52.9	306	2,070	2,730	2.21	09					0	Sample
10	H1 with TRI...	52.5	18,900	21,600	42,900	105	10					0	Sample
11	A3H2	52.9	1,460	2,450	2,670	22.9	11					0	Sample
12	H2 with HIF2a	52.7	112	1,010	301	4.39	12					0	Sample
13	H2 with TRI...	52.4	11,300	14,100	14,200	108	13					0	Sample

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

MW Marker Tables

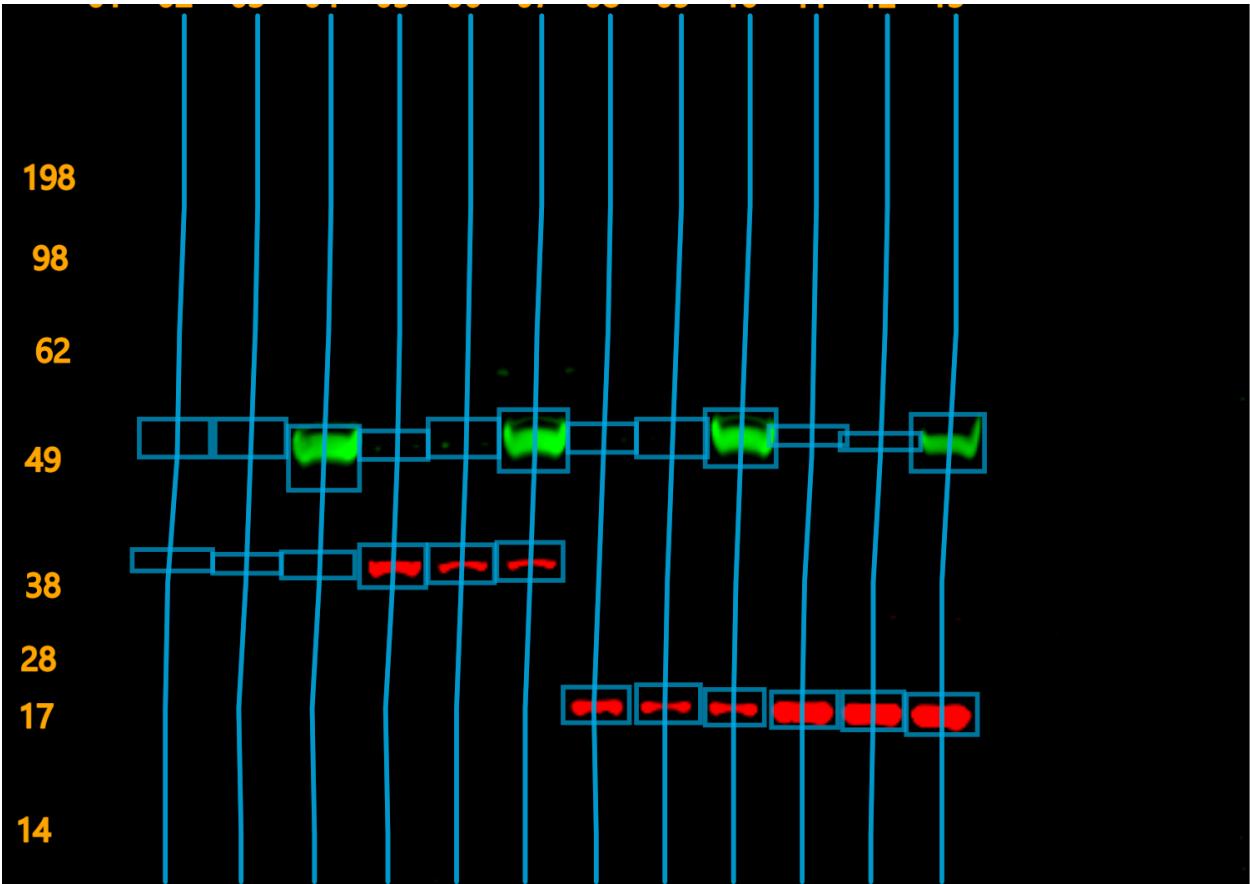
MW Marker Set SeeBlue on the 700 Channel

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

MW Marker Set SeeBlue on the 800 Channel

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