

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: 2-23-2023 A3A, B, C, F with TRIM21

Description

Not specified

Experiment Type

Analysis: HKP + Targets

Date Created

Jan 8, 2025, 3:26:41 PM CST

Date Edited

Jan 8, 2025, 3:31:05 PM CST

Image Information

Image Name: 0000468_01

Acquire Date/Time

Mar 16, 2023, 3:17:42 PM CDT

Channels

700, 800

Resolution

169 µm

Comment

2-23-2023 A, B, C, F

User

Not specified

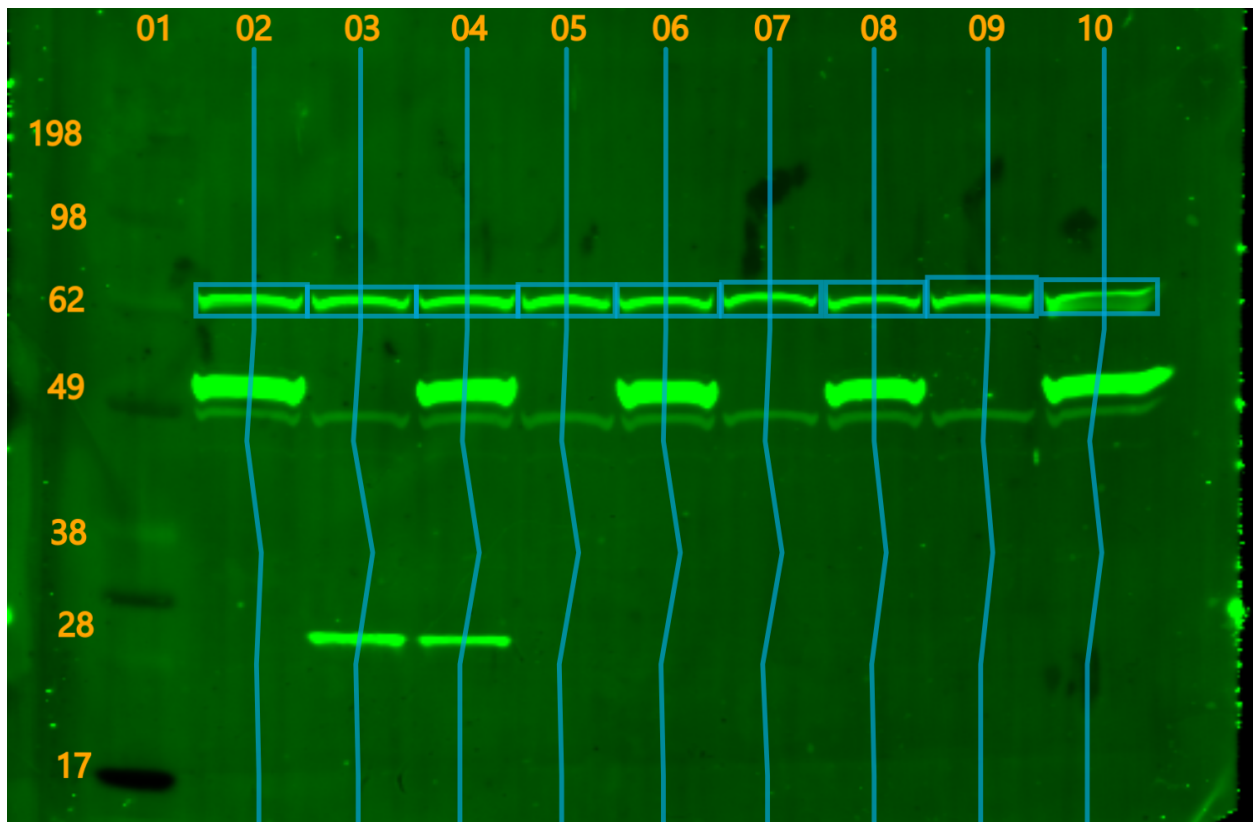
Experimental Analysis

800 Channel

Image Name: 0000468_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	TRIM21	62.5	1,990	15.0	02					0		Sample
03	A3A	62.5	2,200	17.4	03					0		Sample
04	A with TRI...	62	2,250	23.6	04					0		Sample
05	A3B	62	2,210	26.4	05					0		Sample
06	B with TRI...	62	1,780	17.3	06					0		Sample
07	A3C	63	1,570	5.65	07					0		Sample
08	C with TRI...	62.5	1,730	20.1	08					0		Sample
09	A3D	62.5	1,970	12.8	09					0		Sample
10	D with TRI...	63.6	1,830	13.9	10					0		Sample

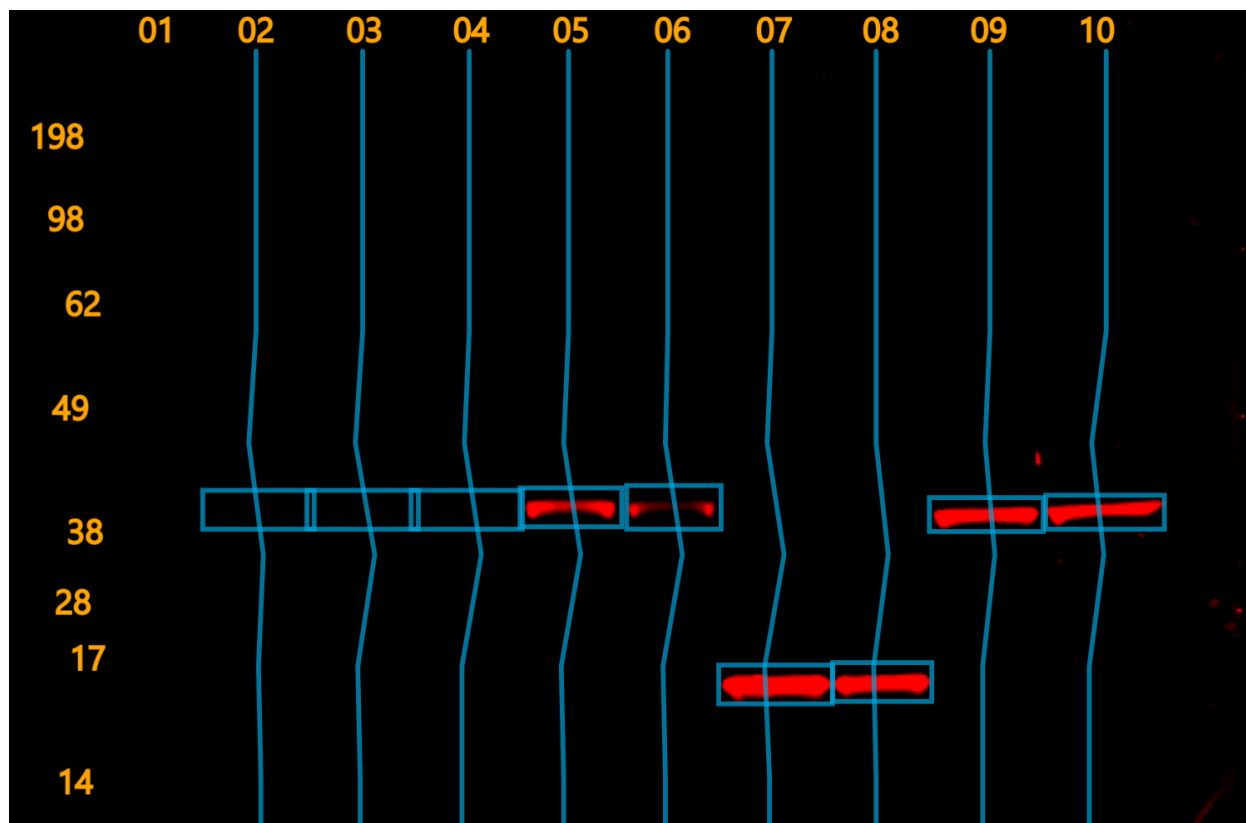
MW values are calculated using marker set SeeBlue on the 800 Channel.

700 Channel

Image Name: 0000468_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	TRIM21	36.5	-166	6,960	-187	-0.637	02					0	Sample
03	A3A	38.5	52.8	7,330	53.9	0.155	03					0	Sample
04	A with TRIM...	36.5	-128	7,210	-128	-0.411	04					0	Sample
05	A3B	39	9,420	16,500	9,590	58.9	05					0	Sample
06	B with TRIM...	39	5,300	13,100	6,700	25.8	06					0	Sample
07	A3C	15.1	42,700	51,900	61,200	96.9	07					0	Sample
08	C with TRIM...	15.1	23,400	32,100	30,400	69.1	08					0	Sample
09	A3D	38	22,500	31,900	25,700	55.2	09					0	Sample
10	D with TRIM...	38.5	17,700	29,000	21,700	27.4	10					0	Sample

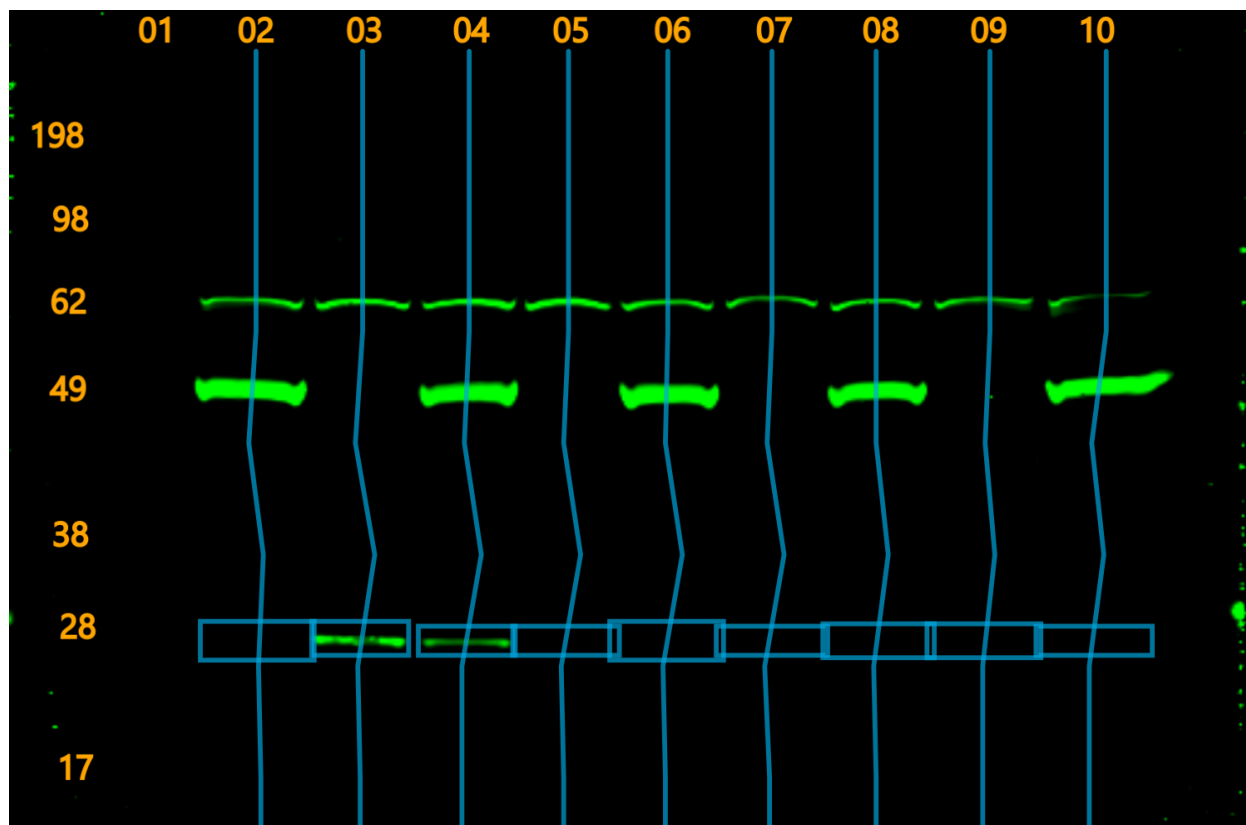
MW values are calculated using marker set SeeBlue on the 700 Channel.

800 Channel

Image Name: 0000468_01

Lane Detection: Automatic Lane Finding

Protein: A3A



Protein Analysis Table

Lane	Name	MW	Signal	Total	Normalized Signal	SNR	Replicate	Avg. Norm. Signal	Avg. SNR	Std. Dev.	^ % CV	Treatment (%)	Type
02	TRIM21	28.7	87.6	3,360	98.9	0.902	02					0	Sample
03	A3A	29.5	2,070	4,550	2,120	26.9	03					0	Sample
04	A with TRIM...	29.5	1,260	3,320	1,260	19.2	04					0	Sample
05	A3B	30.7	14.9	2,230	15.2	0.207	05					0	Sample
06	B with TRIM...	27.8	8.15	2,990	10.3	0.06	06					0	Sample
07	A3C	29.5	7.50	2,140	10.7	0.132	07					0	Sample
08	C with TRIM...	29.5	30.0	2,450	39.0	0.447	08					0	Sample
09	A3D	29.9	28.3	2,460	32.3	0.481	09					0	Sample
10	D with TRIM...	30.7	25.0	2,140	30.8	0.246	10					0	Sample

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

MW Marker Tables

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

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

Not specified

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

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