

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: 1-16-2025 H9 cell control shTRIM21

Description

Not specified

Experiment Type

Analysis: HKP + Targets

Date Created

Jan 17, 2025, 4:20:06 PM CST

Date Edited

Jan 17, 2025, 4:22:59 PM CST

Image Information

Image Name: 0000914_01

Acquire Date/Time

Jan 17, 2025, 3:56:04 PM CST

Channels

700, 800

Resolution

169 µm

Comment

1-16-2025 H9 control, shTRIM21

User

Not specified

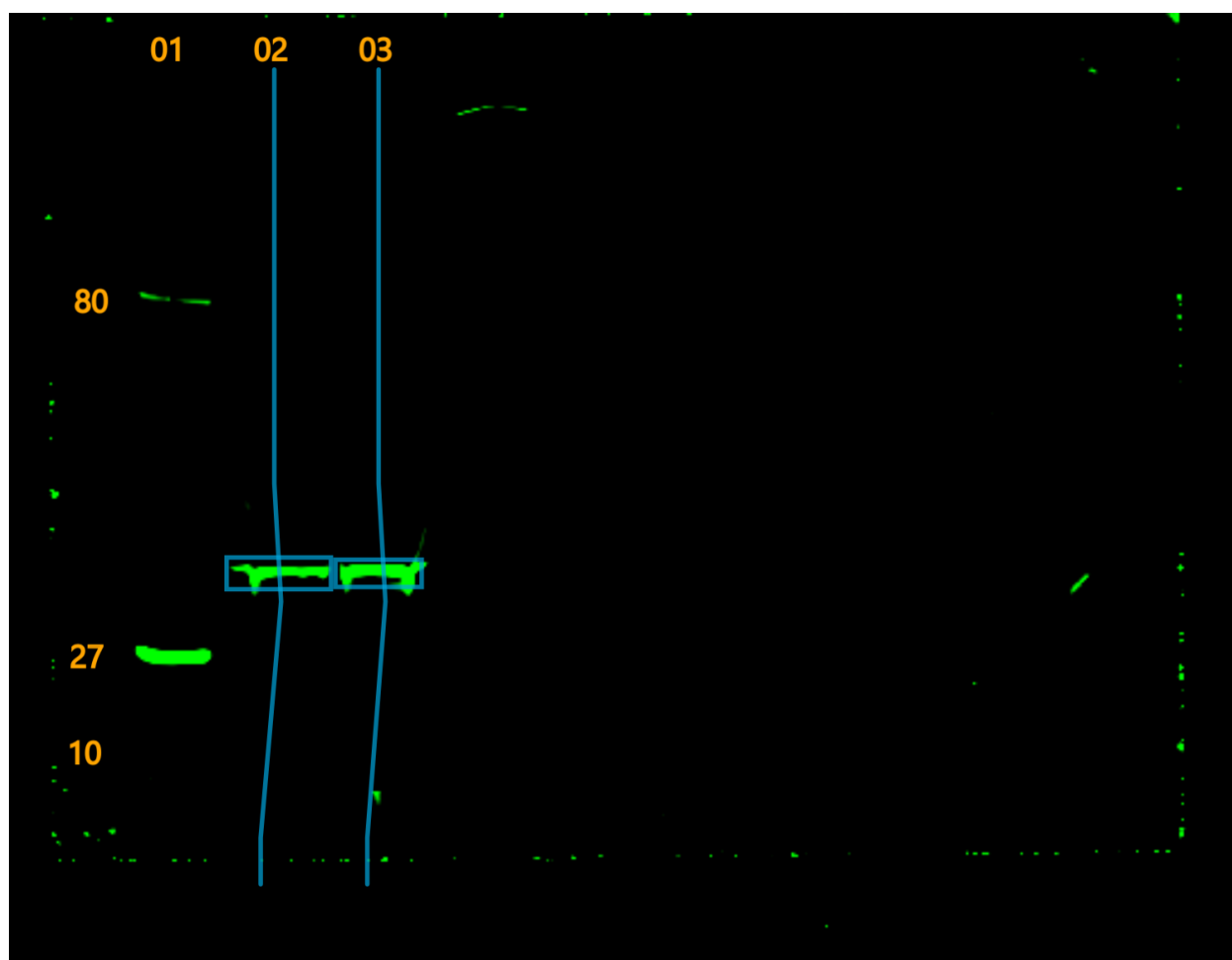
Experimental Analysis

800 Channel

Image Name: 0000914_01

Lane Detection: Automatic Lane Finding

Protein: GAPDH



Internal Loading Control Analysis Table

Lane	Name	MW	Signal	SNR	Replicate	Avg. Signal	Avg. SNR	Std. Dev.	% CV	Treatment (%)	Type
02	Control	43.6	3,310	48.7	02					0	Sample
03	shTRIM21	43.6	4,340	72.0	03					0	Sample

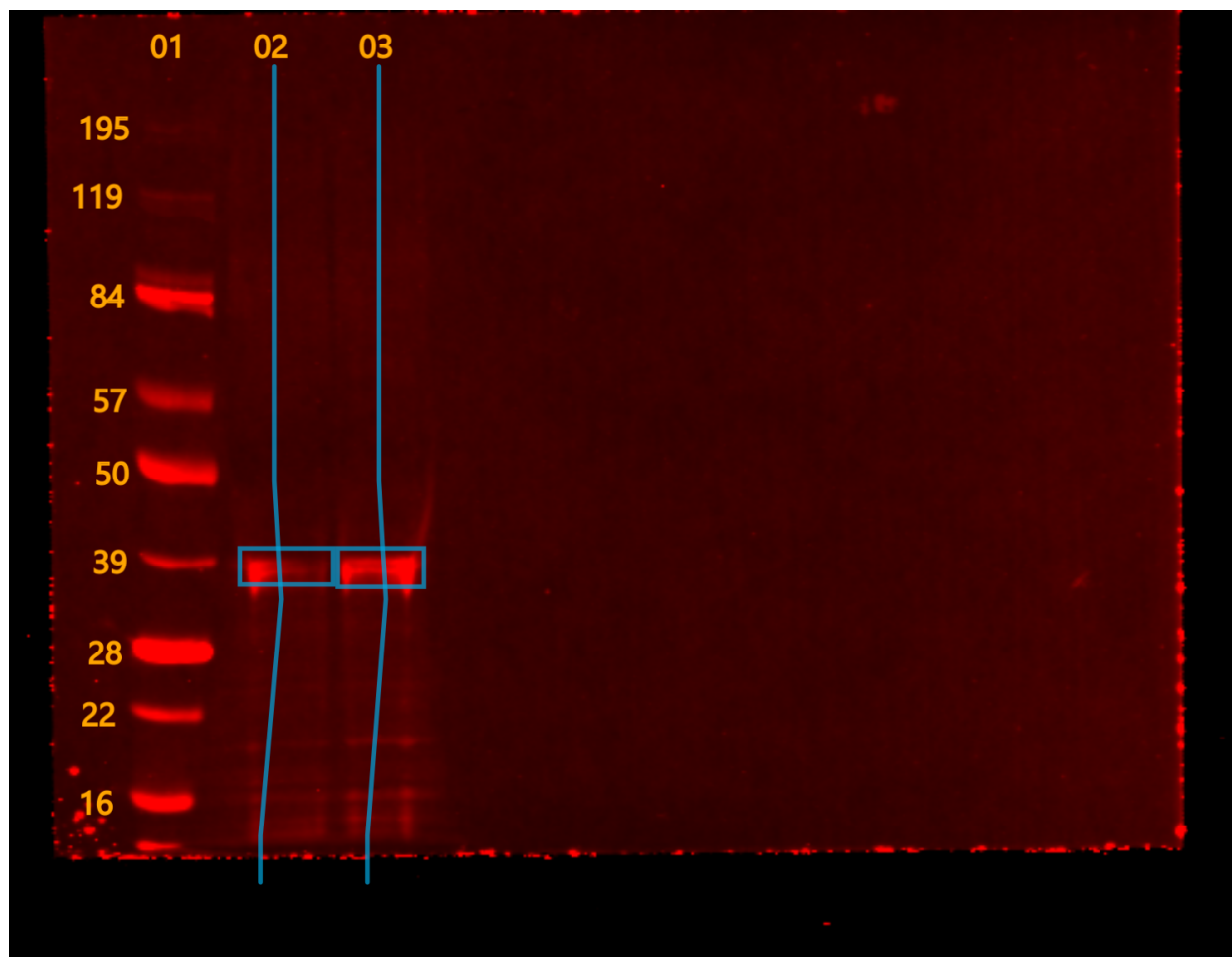
MW values are calculated using marker set iBright 800 on the 800 Channel.

700 Channel

Image Name: 0000914_01

Lane Detection: Automatic Lane Finding

Protein: A3G



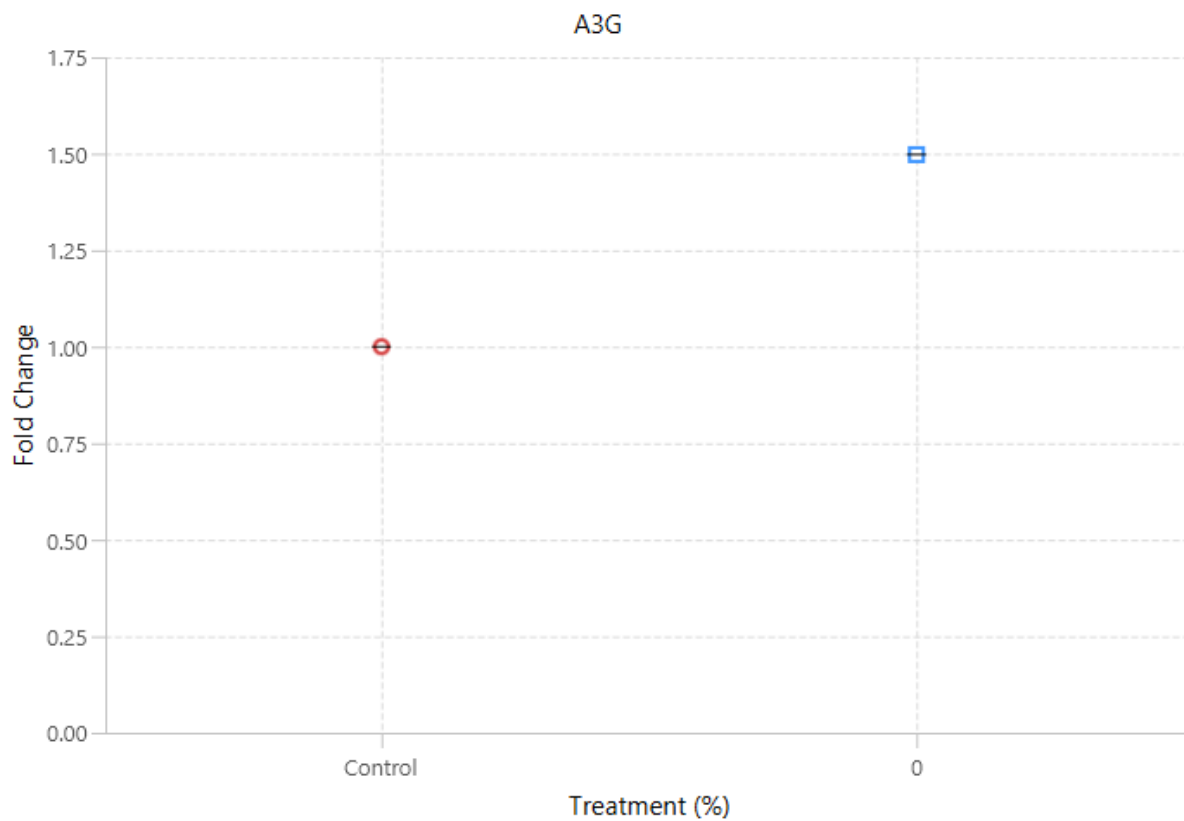
Protein Analysis Table

Lane	Name	MW	Signal	Total	Normalized Signal	SNR	Replicate	Avg. Norm. Signal	Avg. SNR	Std. Dev.	^ % CV	Treatment (%)	Type
02	Control	37.9	1,540	4,420	2,020	7.22	02					0	Sample
03	shTRIM21	38.2	3,020	5,940	3,020	15.5	03					0	Sample

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

700 Channel (continued)

Fold Change Chart



The mean change value for each sample is indicated by a horizontal line.

Fold Change Table

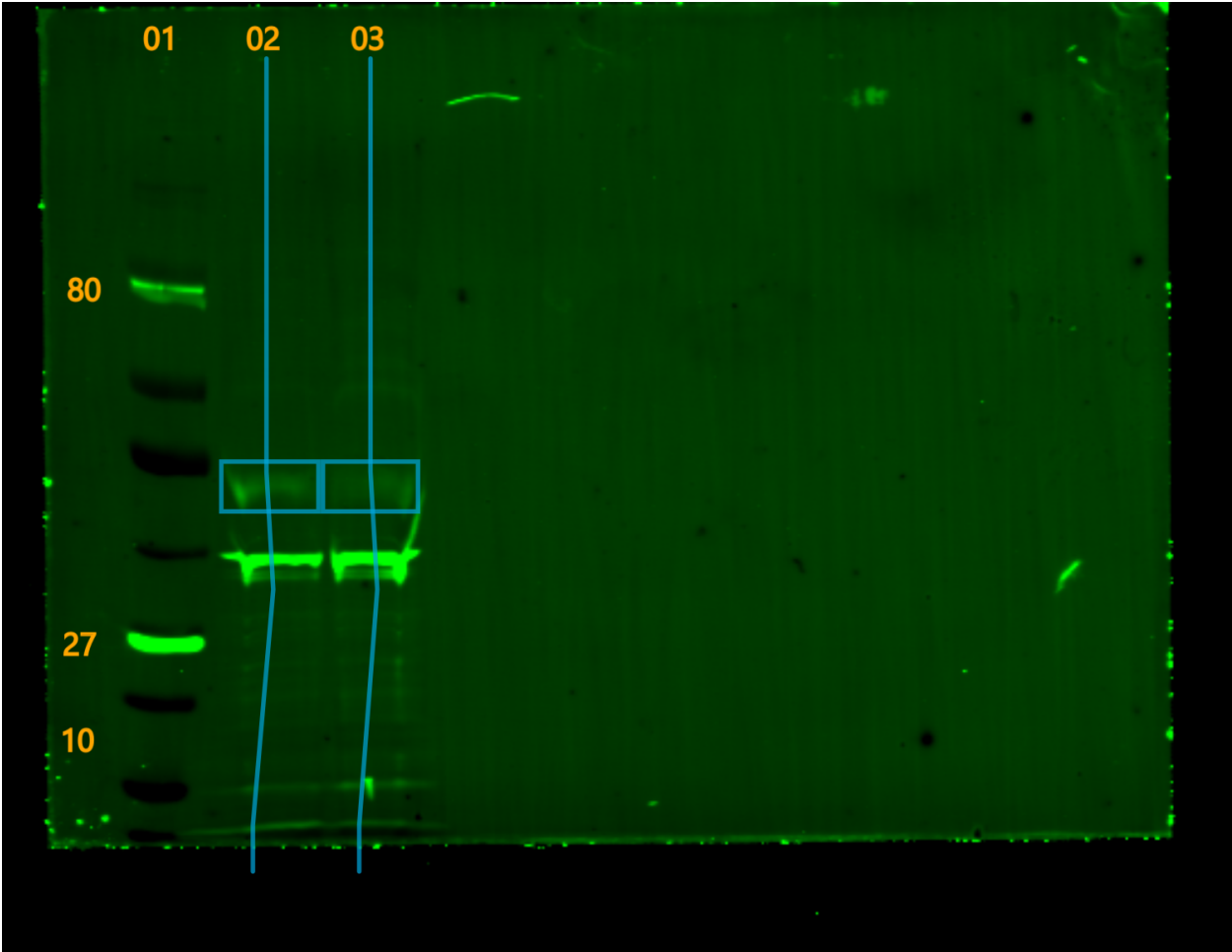
Lane	Treatment (X-Axis)	Treatment (%)	Fold Change
02	Control	0.00	1.00
03	0	0.00	1.50

800 Channel

Image Name: 0000914_01

Lane Detection: Automatic Lane Finding

Protein: TRIM21



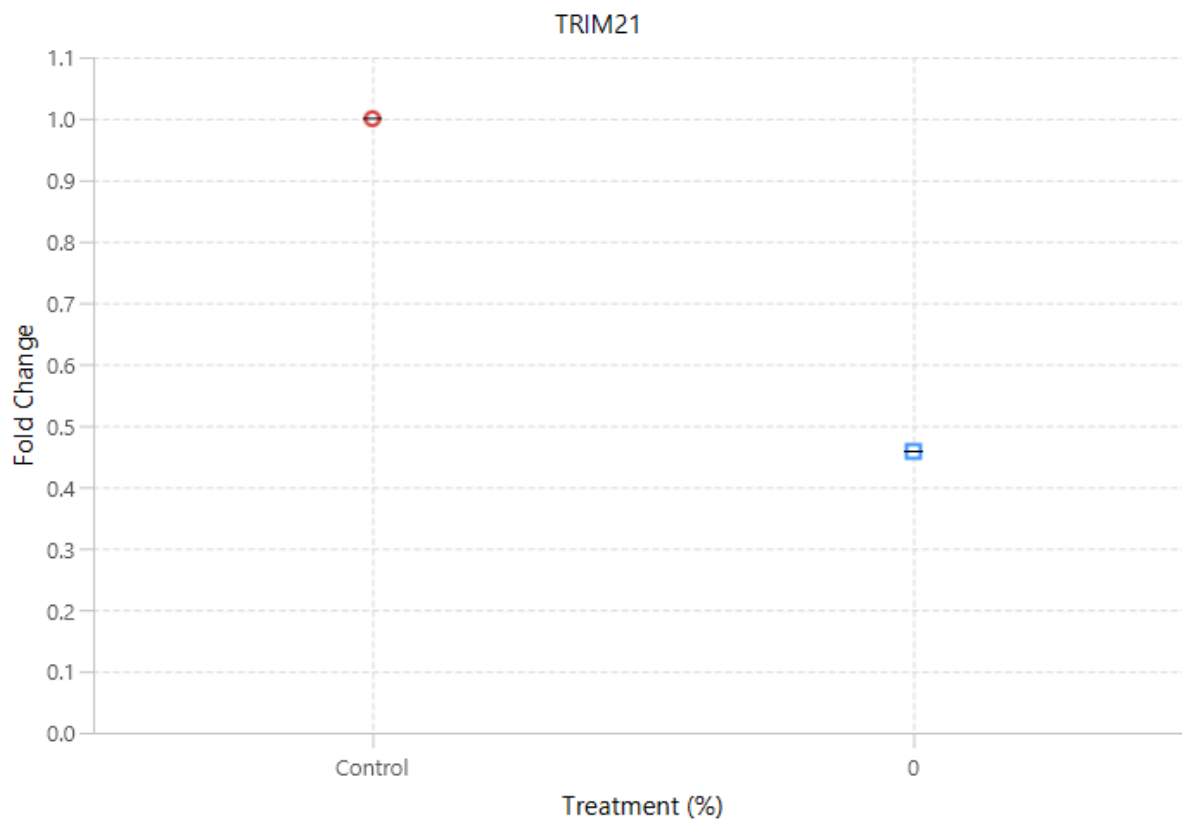
Protein Analysis Table

Lane	Name	MW	Signal	Total	Normalized Signal	SNR	Replicate	Avg. Norm. Signal	Avg. SNR	Std. Dev.	^ % CV	Treatment (%)	Type
02	Control	768	5,020	1,010	7.27	02						0	Sample
03	shTRIM21	461	4,790	461	3.51	03						0	Sample

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

800 Channel (continued)

Fold Change Chart



The mean change value for each sample is indicated by a horizontal line.

Fold Change Table

Lane	Treatment (X-Axis)	Treatment (%)	Fold Change
02	Control	0.00	1.00
03	0	0.00	0.458

MW Marker Tables

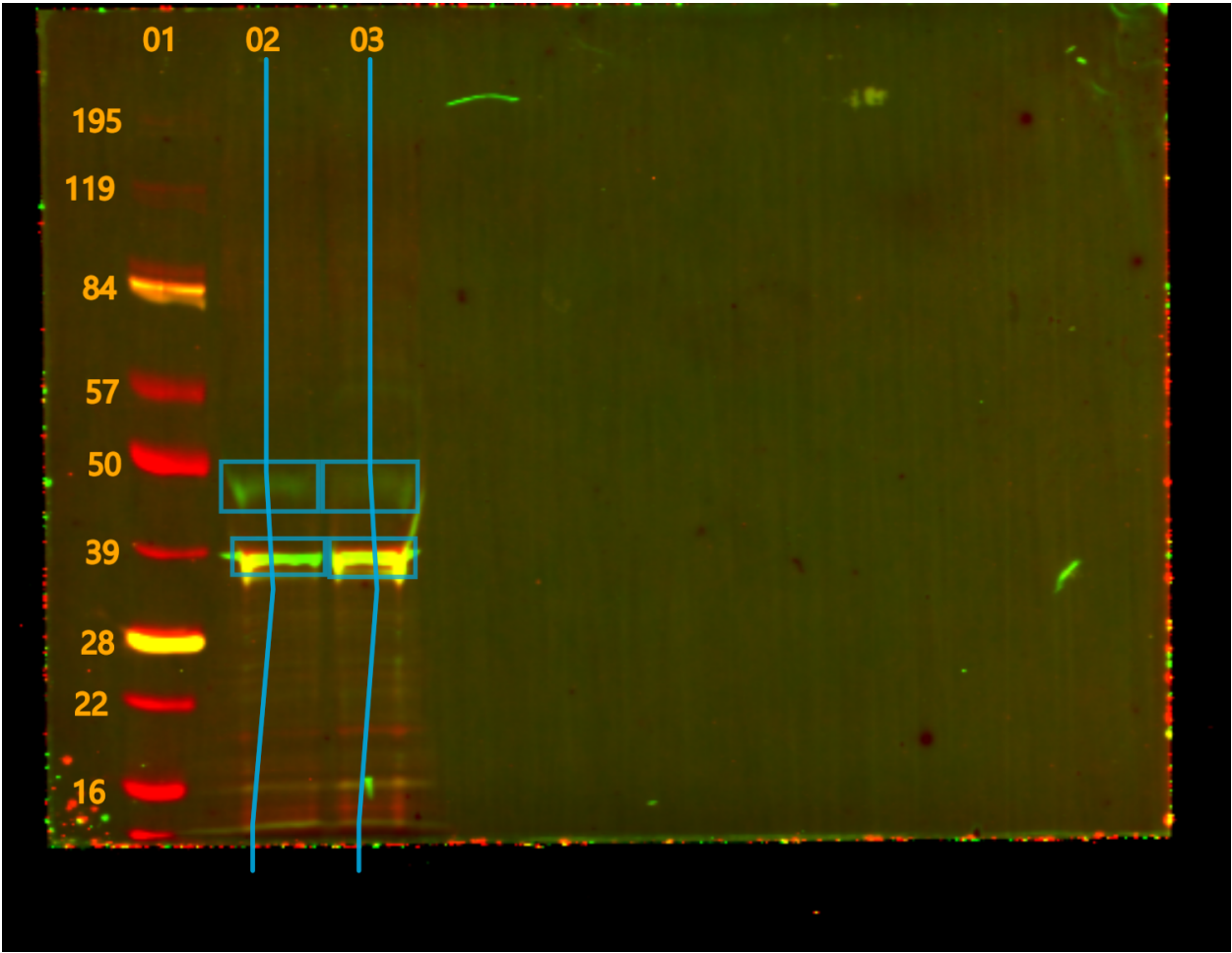
MW Marker Set iBright 800 on the 800 Channel

Channel	Lane	Name	Band Name	MW
800	01	Lane01	B01	80
800	01	Lane01	B02	27
800	01	Lane01	B03	10

MW Marker Set iBright 700 on the 700 Channel

Channel	Lane	Name	Band Name	MW
700	01	Lane01	B01	195
700	01	Lane01	B02	119
700	01	Lane01	B03	84
700	01	Lane01	B04	57
700	01	Lane01	B05	50
700	01	Lane01	B06	39
700	01	Lane01	B07	28
700	01	Lane01	B08	22
700	01	Lane01	B09	16

Summary



Experimental Observations

Not specified

Next Steps

Not specified

Summary

Not specified

Signatures

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

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