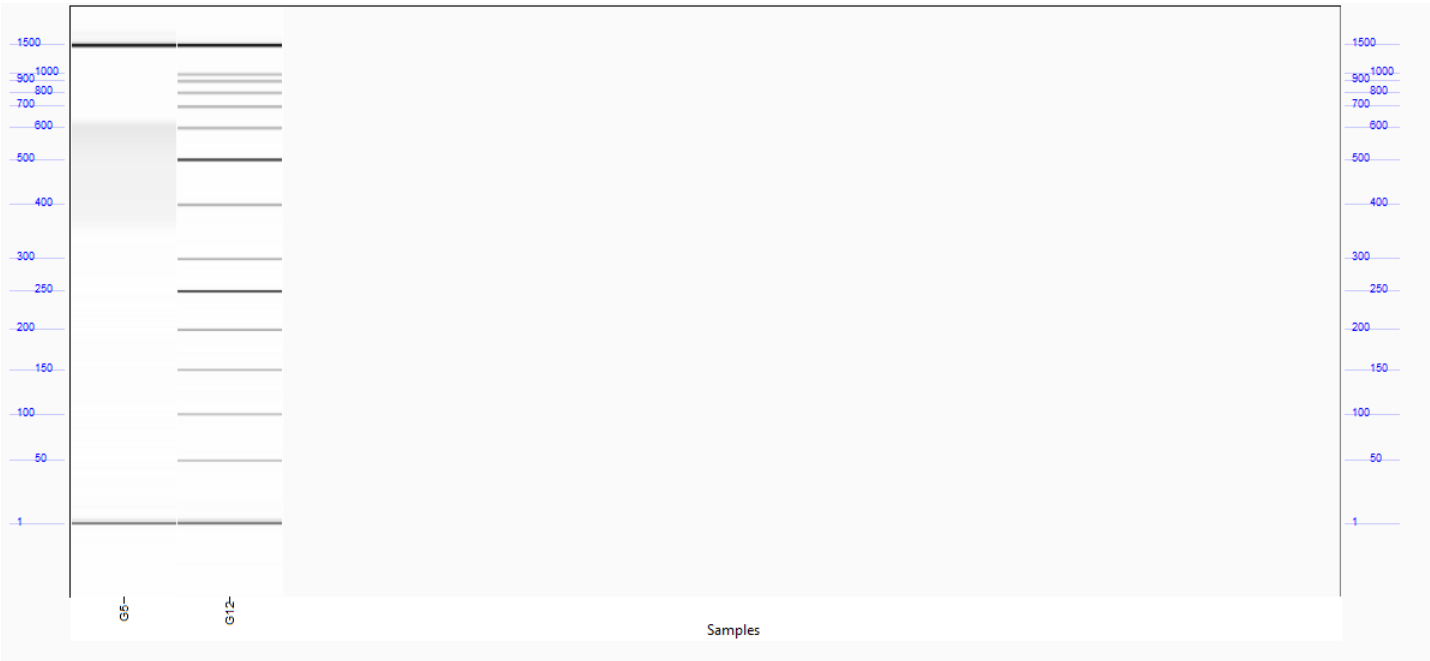
Fragment Analyzer Run Summary:

Filename and Data Path: C:\AATI\Data\2020 10 06\16-32-10\2020 10 06 16H 32M.raw
Created: Tuesday, October 06, 2020 4:48:28 PM
# of Capillaries: 2
Array Serial #: 121817-06SFS
Effect Length: 33 cm
Array Usage Count: 765
FA Version #: 1.1.0.11
Device Serial #: 2745

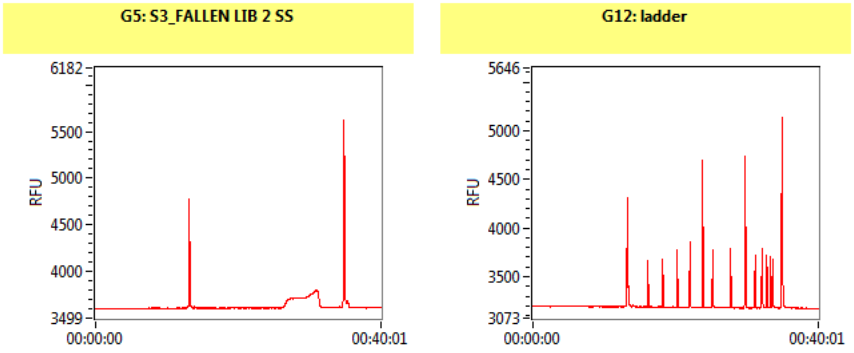
METHOD INFORMATION
Method Name: DNF-477-33 - HS Small Fragment.mthds
Gel Prime: No
Full Conditioning: Yes
Gel Prime to Bufer: No
Gel Selection: Gel 1
Perform Prerun: 8.0 kV, 30 sec.
Rinse: No
Marker 1: No
Rinse: Tray: 3, Row: A, # Dips: 1
Sample Injection: 5.0 kV, 30 sec.
Separation: 8.0 kV, 40.0 min.
Tray Name: Tray-3

Analysis Mode: NGS

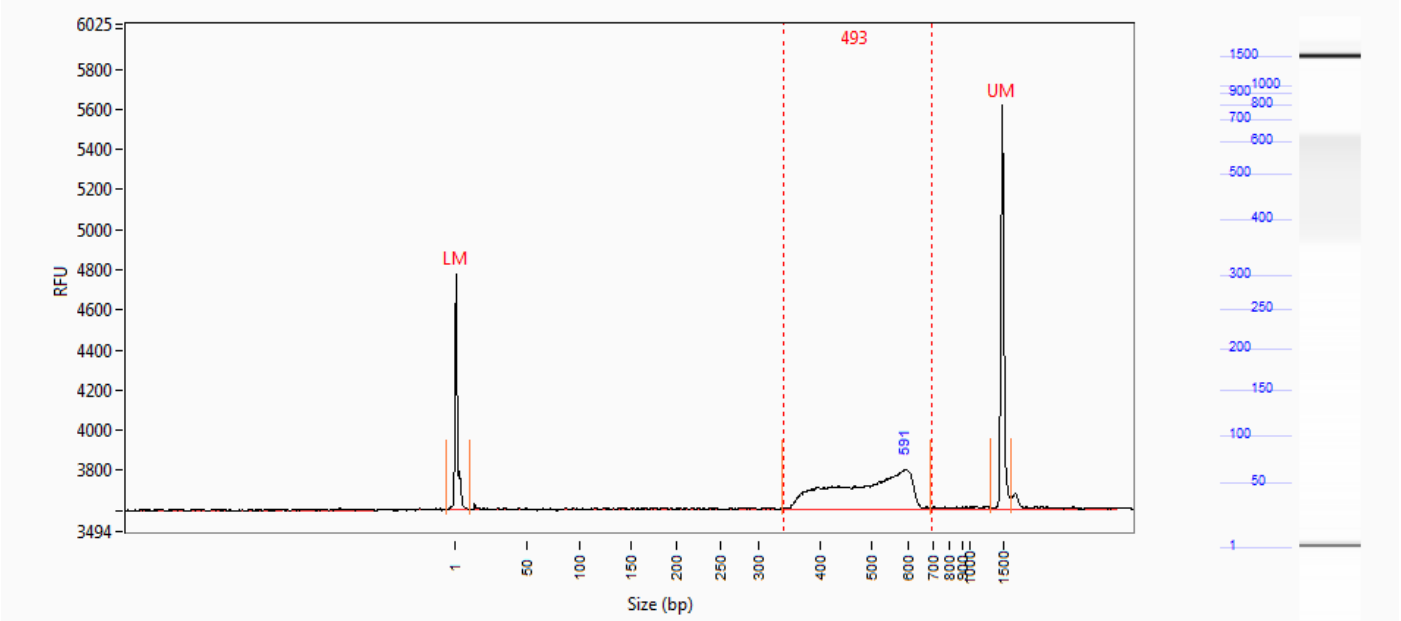
NOTE



Filename and Data Path: C:\AATI\Data\2020 10 06\16-32-10\2020 10 06 16H 32M.raw



Sample: S3_FALLEN LIB 2 SS
Well Location: G5
Created: Tuesday, October 06, 2020 4:48:28 PM

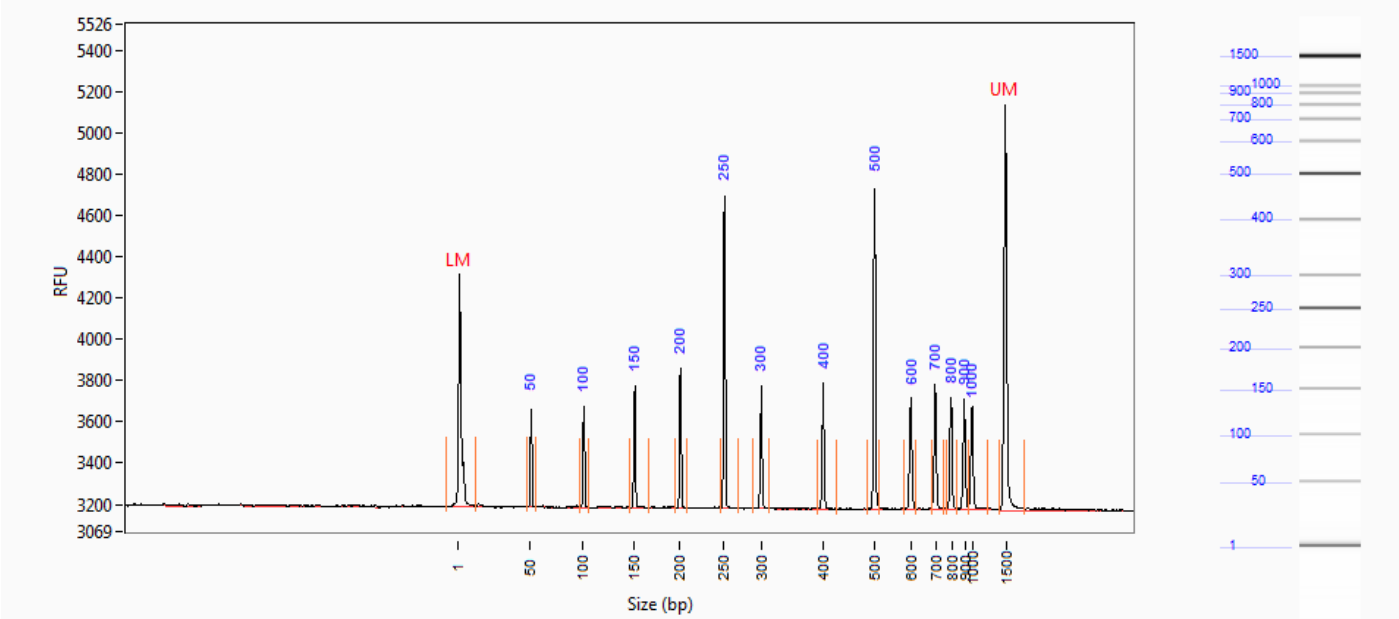


Peak	Size (bp)	Conc. (ng/uL)	Molarity (nmole/L)	Rel. Conc. %	Avg. Size (bp)	RFU	CV%	Corr. Peak Area
1	1 (LM)	0.0269	35.087		1	1176	128.56	10.522
2	591	0.6204	1.728	100.0	493	197	15.86	20.259
3	1500 (UM)	0.0215	0.024		1499	2013	2.11	8.422
	TIC:	0.6204	ng/uL					
	TIM:	1.728	nmole/L					
	Total Conc.:	0.6962	ng/uL					

Smear Analysis 340 bp to 700 bp 0.621 ng/ul 89.2 %Total 2.0712 nmole/L 493 Avg. Size (b.p.) 15.90 %CV

```
Sample Peak Width (sec): 5    Sample Min Peak Height: 100   Sample Baseline V to V?: Y    Sample Baseline V to V pts: 3
Sample Filter: Binomial       # of Pts for Filter: 3        Sample Start Region (min): 0  Sample End Region (min): 40
Manual Baseline Start (min): 10     Manual Baseline End (min): 39
Marker Peak Width (sec): 5    Marker Min Peak Height: 200   Marker Baseline V to V?: Y    Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 200 RFU                Upper Marker Selection: Last Peak > 200 RFU
Ladder Size (bp): 1, 50, 100, 150, 200, 250, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Ladder          Final Concentration (ng/uL): 0.0830          Dilution Factor: 12.0
```


Sample: ladder
Well Location: G12
Created: Tuesday, October 06, 2020 4:48:28 PM



Peak	Size (bp)	Conc. (ng/uL)	Molarity (nmole/L)	Rel. Conc. %	Avg. Size (bp)	RFU	CV%	Corr. Peak Area
1	1 (LM)	0.0269	35.087		2	1125	120.45	10.871
2	50	0.0631	2.067	6.6	50	474	1.51	2.129
3	100	0.0607	0.997	6.3	100	491	0.87	2.048
4	150	0.0679	0.744	7.1	150	590	1.40	2.290
5	200	0.0722	0.593	7.5	200	677	0.55	2.435
6	250	0.1557	1.024	16.2	250	1513	0.63	5.252
7	300	0.0596	0.327	6.2	299	595	0.55	2.012
8	400	0.0606	0.249	6.3	400	612	0.66	2.046
9	500	0.1455	0.479	15.1	499	1556	0.44	4.908
10	600	0.0584	0.160	6.1	598	539	0.64	1.971
11	700	0.0591	0.139	6.1	699	610	0.95	1.995
12	800	0.0531	0.109	5.5	796	542	1.01	1.792
13	900	0.0514	0.094	5.3	897	535	1.18	1.733
14	1000	0.0543	0.089	5.6	1001	499	4.13	1.833
15	1500 (UM)	0.0179	0.020		1501	1961	2.49	7.256
	TIC:	0.9616	ng/uL					
	TIM:	7.072	nmole/L					
	Total Conc.:	0.9960	ng/uL					

```
Sample Peak Width (sec): 5    Sample Min Peak Height: 200   Sample Baseline V to V?: Y    Sample Baseline V to V pts: 3
Sample Filter: Binomial       # of Pts for Filter: 3        Sample Start Region (min): 0  Sample End Region (min): 40
Manual Baseline Start (min): 10     Manual Baseline End (min): 39
Marker Peak Width (sec): 5    Marker Min Peak Height: 200   Marker Baseline V to V?: Y    Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 200 RFU                Upper Marker Selection: Last Peak > 200 RFU
Ladder Size (bp): 1, 50, 100, 150, 200, 250, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Ladder          Final Concentration (ng/uL): 0.0830          Dilution Factor: 12.0
```


Sample: ladder
Well Location: G12
Created: Tuesday, October 06, 2020 4:48:28 PM
Fit Type: Point to Point