

Fragment Analyzer Run Summary:

Filename and Data Path: C:\AATI\Data\2023 06 07\12-38-13\2023 06 07 12H 38M.raw

Created: Wednesday, June 7, 2023 1:07:38 PM

of Capillaries: 96

Array Serial #: 032318-05SFS

Effect Length: 33 cm

Array Usage Count: 422

FA Version #: 1.2.0.11

Device Serial #: 4174

METHOD INFORMATION

Method Name: DNF-910-33 - DNA 35-1500bp-3kv.mthds

Gel Prime: No

Full Conditioning: Yes

Gel Prime to Buffer: No

Gel Selection: Gel 1

Perform Prerun: 6.0 kV, 30 sec.

Rinse: No

Marker 1: Row: A, 3.0 kV, 10 sec.

Rinse: No

Sample Injection: 3.0 kV, 10 sec.

Separation: 6.0 kV, 45.0 min.

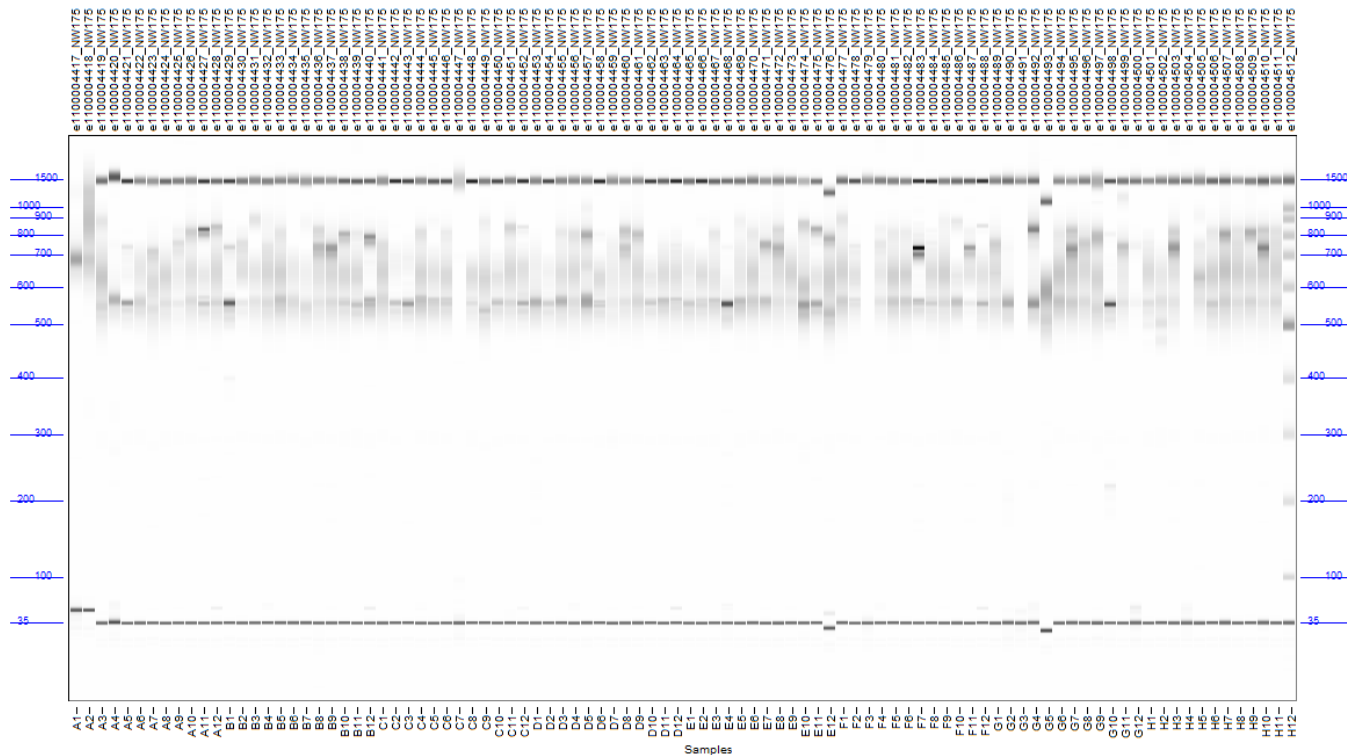
Tray Name: Tray-1

Analysis Mode: DNA

NOTES

NW175

Gel Image



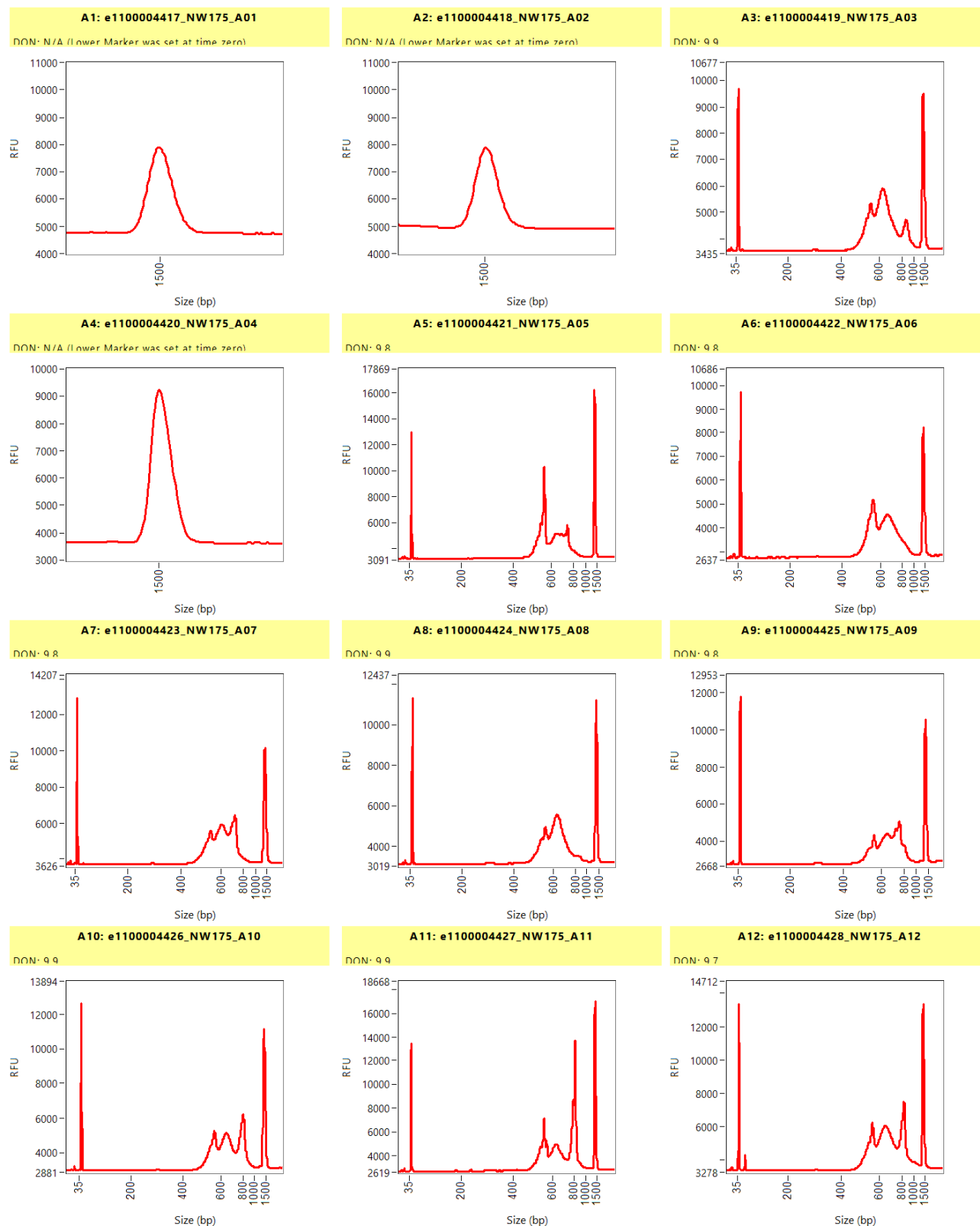
DQN Summary

Sample ID	Total Conc. (ng/uL)	DQN
e1100004417_NW175_A01	18.7583	N/A
e1100004418_NW175_A02	42.2747	N/A
e1100004419_NW175_A03	26.7885	9.9
e1100004420_NW175_A04	14.9834	N/A
e1100004421_NW175_A05	11.3093	9.8
e1100004422_NW175_A06	16.1705	9.8
e1100004423_NW175_A07	23.9909	9.8
e1100004424_NW175_A08	17.6140	9.9
e1100004425_NW175_A09	12.9696	9.8
e1100004426_NW175_A10	21.1247	9.9
e1100004427_NW175_A11	21.7251	9.9
e1100004428_NW175_A12	29.0968	9.7
e1100004429_NW175_B01	19.0750	9.9
e1100004430_NW175_B02	13.6953	9.9
e1100004431_NW175_B03	13.0828	9.8
e1100004432_NW175_B04	22.8767	9.9
e1100004433_NW175_B05	28.7899	9.9
e1100004434_NW175_B06	11.9995	9.8
e1100004435_NW175_B07	10.5080	9.8
e1100004436_NW175_B08	27.5288	9.8
e1100004437_NW175_B09	34.4469	9.9
e1100004438_NW175_B10	26.9914	9.9
e1100004439_NW175_B11	22.1885	9.9
e1100004440_NW175_B12	27.4914	9.6
e1100004441_NW175_C01	23.0668	9.9
e1100004442_NW175_C02	9.3148	9.8
e1100004443_NW175_C03	13.0735	9.7
e1100004444_NW175_C04	28.1536	9.9
e1100004445_NW175_C05	15.4907	9.8
e1100004446_NW175_C06	21.3472	9.9
e1100004447_NW175_C07	0.7652	4.0
e1100004448_NW175_C08	12.9934	9.8
e1100004449_NW175_C09	24.7736	9.9
e1100004450_NW175_C10	13.3280	9.8
e1100004451_NW175_C11	23.5710	9.9
e1100004452_NW175_C12	19.5098	9.8
e1100004453_NW175_D01	16.6722	9.7
e1100004454_NW175_D02	9.4173	9.7
e1100004455_NW175_D03	23.1855	9.9
e1100004456_NW175_D04	21.0796	9.8
e1100004457_NW175_D05	33.0190	9.9
e1100004458_NW175_D06	15.4303	9.9
e1100004459_NW175_D07	11.1946	9.7
e1100004460_NW175_D08	29.4308	9.9
e1100004461_NW175_D09	28.1288	9.9
e1100004462_NW175_D10	11.5422	9.8
e1100004463_NW175_D11	19.8184	9.9
e1100004464_NW175_D12	17.9697	9.6

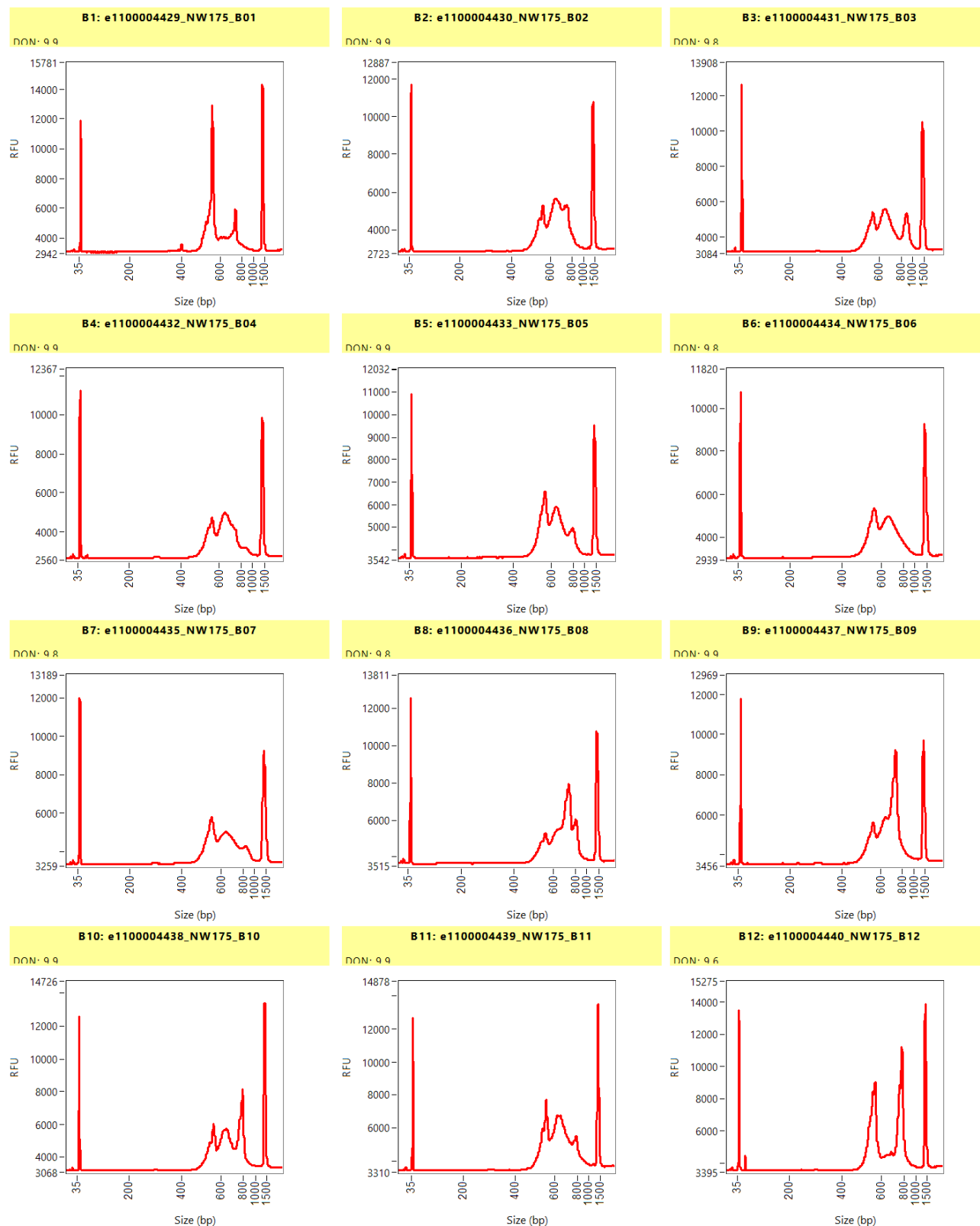
DQN Summary (Cont.)

Sample ID	Total Conc. (ng/uL)	DQN
e1100004465_NW175_E01	14.0639	9.8
e1100004466_NW175_E02	14.8481	9.8
e1100004467_NW175_E03	19.1236	9.9
e1100004468_NW175_E04	18.1678	9.6
e1100004469_NW175_E05	21.2858	9.9
e1100004470_NW175_E06	21.6129	9.9
e1100004471_NW175_E07	25.5756	9.9
e1100004472_NW175_E08	25.4988	9.9
e1100004473_NW175_E09	18.1710	9.8
e1100004474_NW175_E10	56.2063	9.9
e1100004475_NW175_E11	25.2097	9.9
e1100004476_NW175_E12	43.1269	N/A
e1100004477_NW175_F01	23.3485	9.9
e1100004478_NW175_F02	13.4606	9.8
e1100004479_NW175_F03	0.3118	6.1
e1100004480_NW175_F04	12.8006	9.8
e1100004481_NW175_F05	24.8996	9.9
e1100004482_NW175_F06	25.7481	9.9
e1100004483_NW175_F07	27.3941	9.8
e1100004484_NW175_F08	18.1712	9.9
e1100004485_NW175_F09	26.1786	9.9
e1100004486_NW175_F10	13.8542	9.8
e1100004487_NW175_F11	16.6625	9.8
e1100004488_NW175_F12	15.9682	9.6
e1100004489_NW175_G01	21.7291	9.9
e1100004490_NW175_G02	12.3652	9.4
e1100004491_NW175_G03	0.9739	3.5
e1100004492_NW175_G04	25.5348	9.7
e1100004493_NW175_G05	34.1806	N/A
e1100004494_NW175_G06	30.8598	9.9
e1100004495_NW175_G07	48.9205	9.9
e1100004496_NW175_G08	22.8124	9.9
e1100004497_NW175_G09	23.8733	9.9
e1100004498_NW175_G10	16.8468	8.9
e1100004499_NW175_G11	18.8393	9.9
e1100004500_NW175_G12	3.6697	5.6
e1100004501_NW175_H01	19.8721	9.9
e1100004502_NW175_H02	15.2091	9.8
e1100004503_NW175_H03	26.1111	9.9
e1100004504_NW175_H04	1.1436	2.0
e1100004505_NW175_H05	15.9713	9.8
e1100004506_NW175_H06	22.9142	9.9
e1100004507_NW175_H07	29.5608	9.9
e1100004508_NW175_H08	31.2355	9.9
e1100004509_NW175_H09	27.0579	9.9
e1100004510_NW175_H10	25.5857	9.9
e1100004511_NW175_H11	25.5250	9.9
H12	e1100004512_NW175_H12	

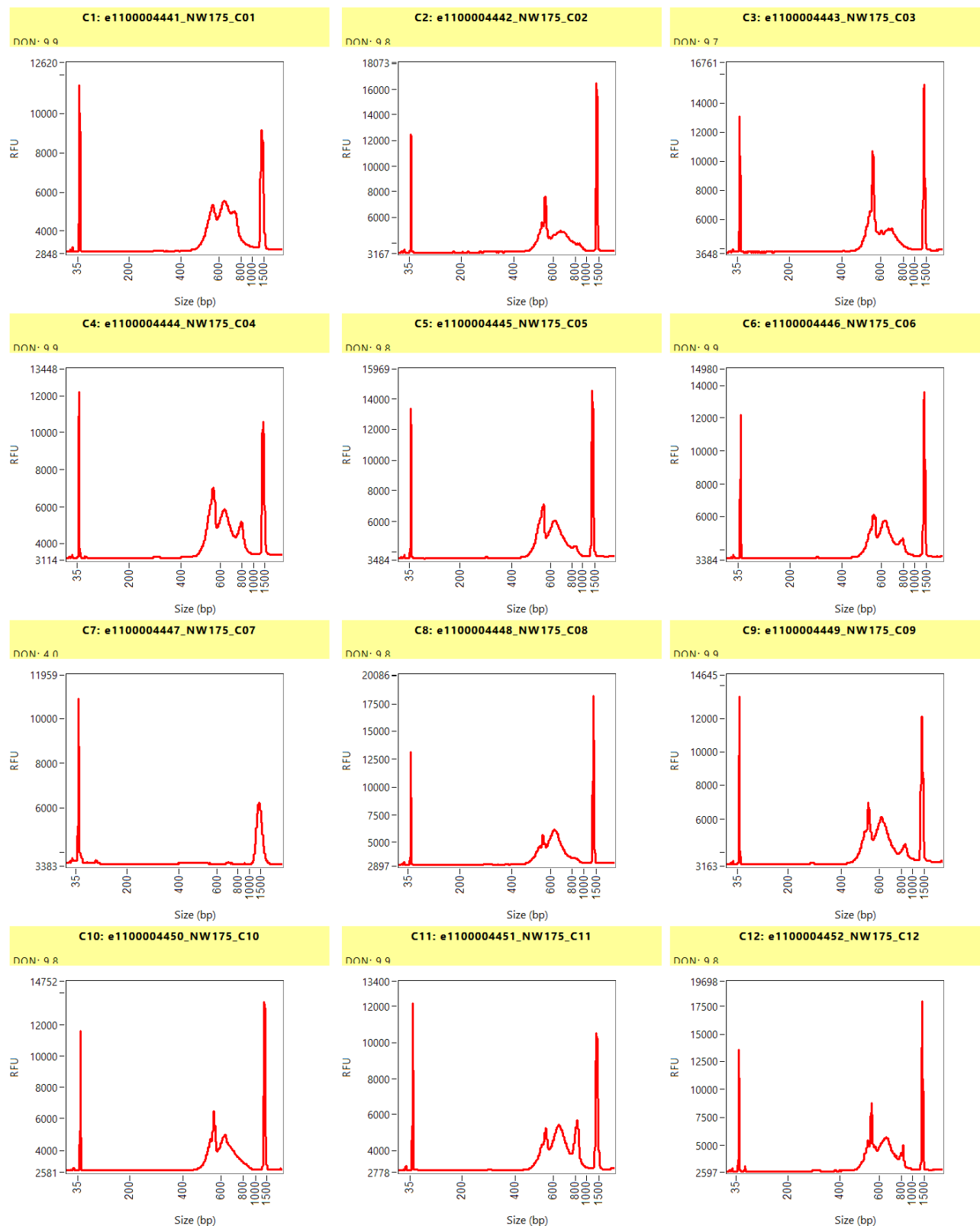
Filename and Data Path: C:\AATI\Data\2023 06 07\12-38-13\2023 06 07 12H 38M.raw



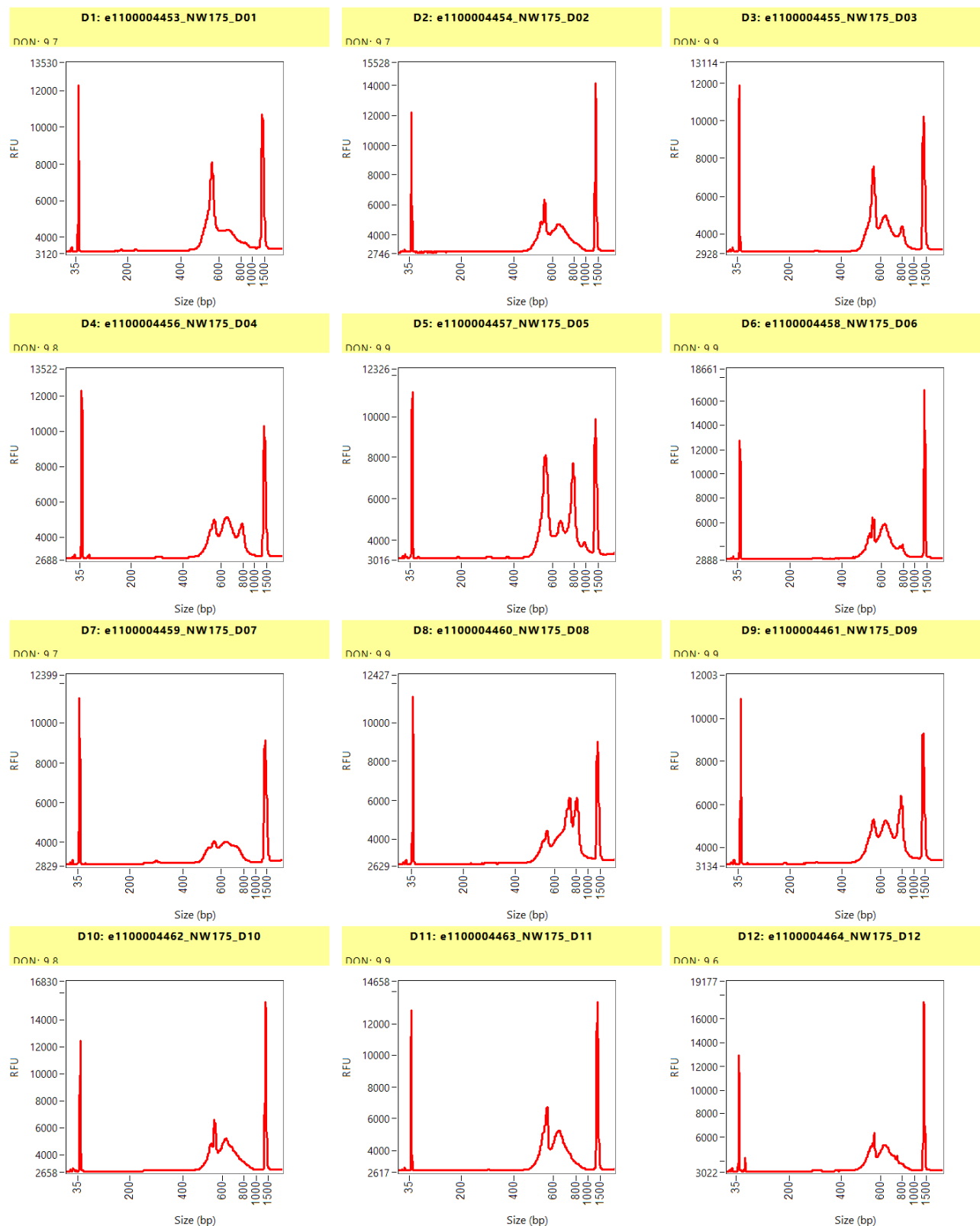
Filename and Data Path: C:\AATI\Data\2023 06 07\12-38-13\2023 06 07 12H 38M.raw



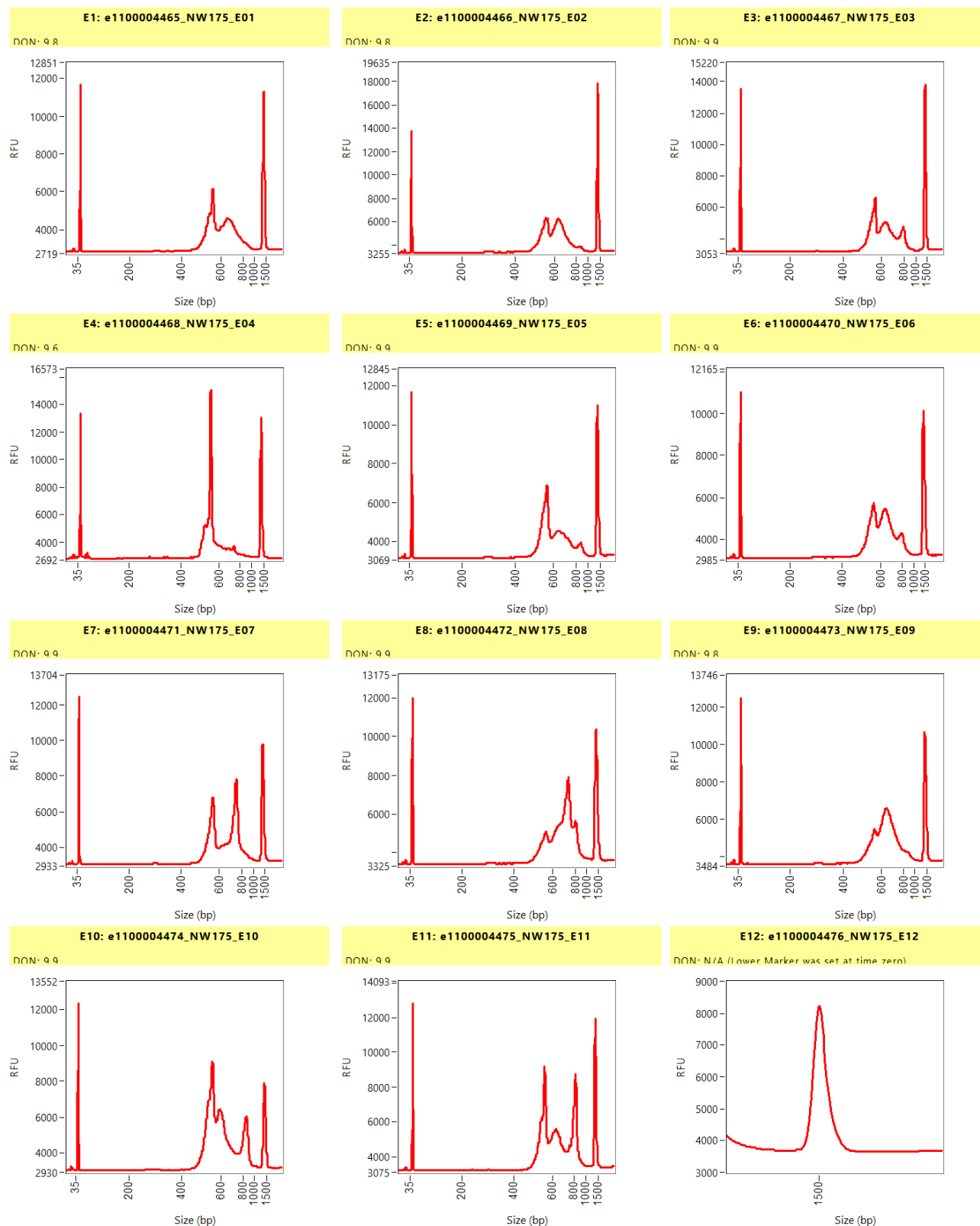
Filename and Data Path: C:\AATI\Data\2023 06 07\12-38-13\2023 06 07 12H 38M.raw



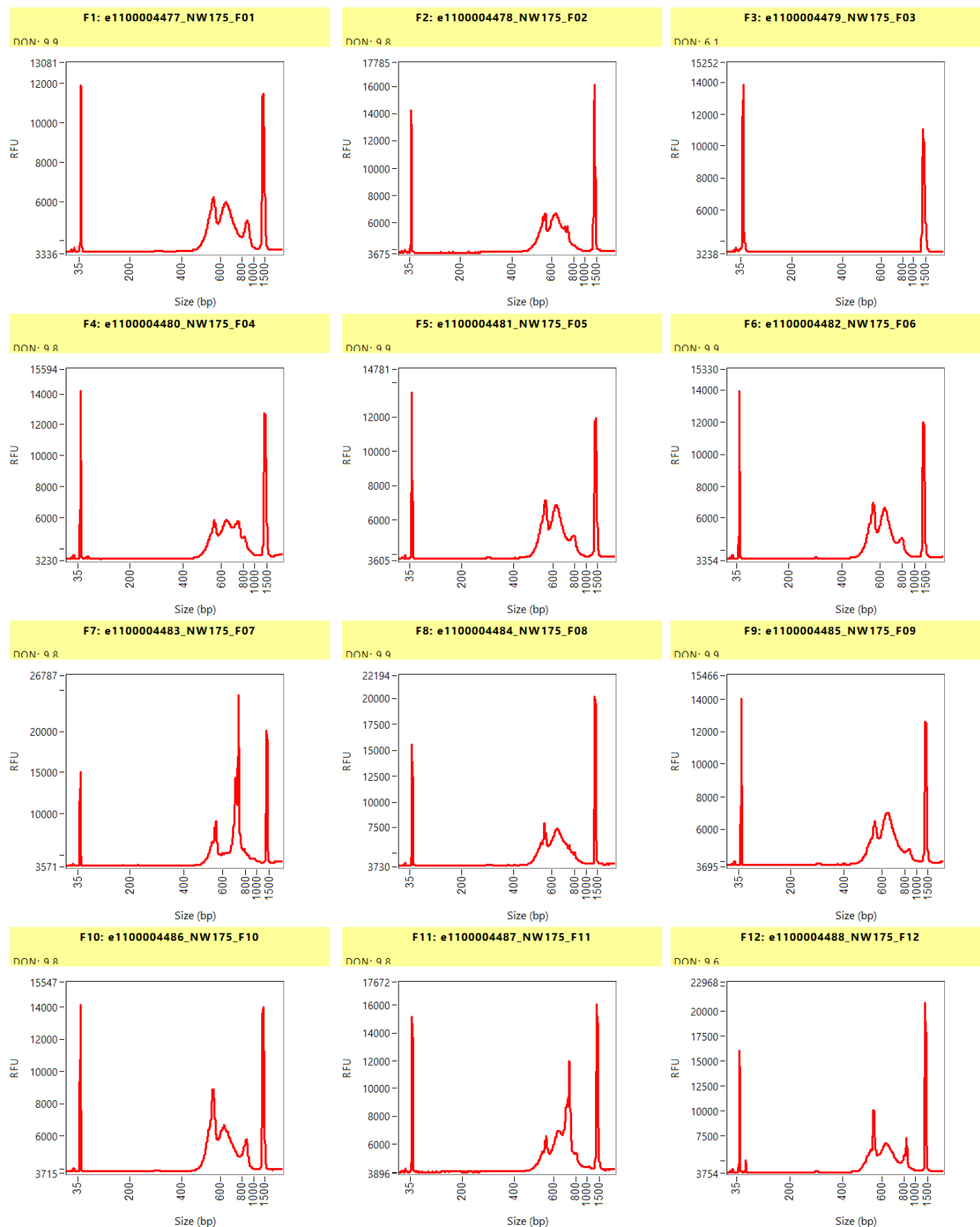
Filename and Data Path: C:\AATI\Data\2023 06 07\12-38-13\2023 06 07 12H 38M.raw



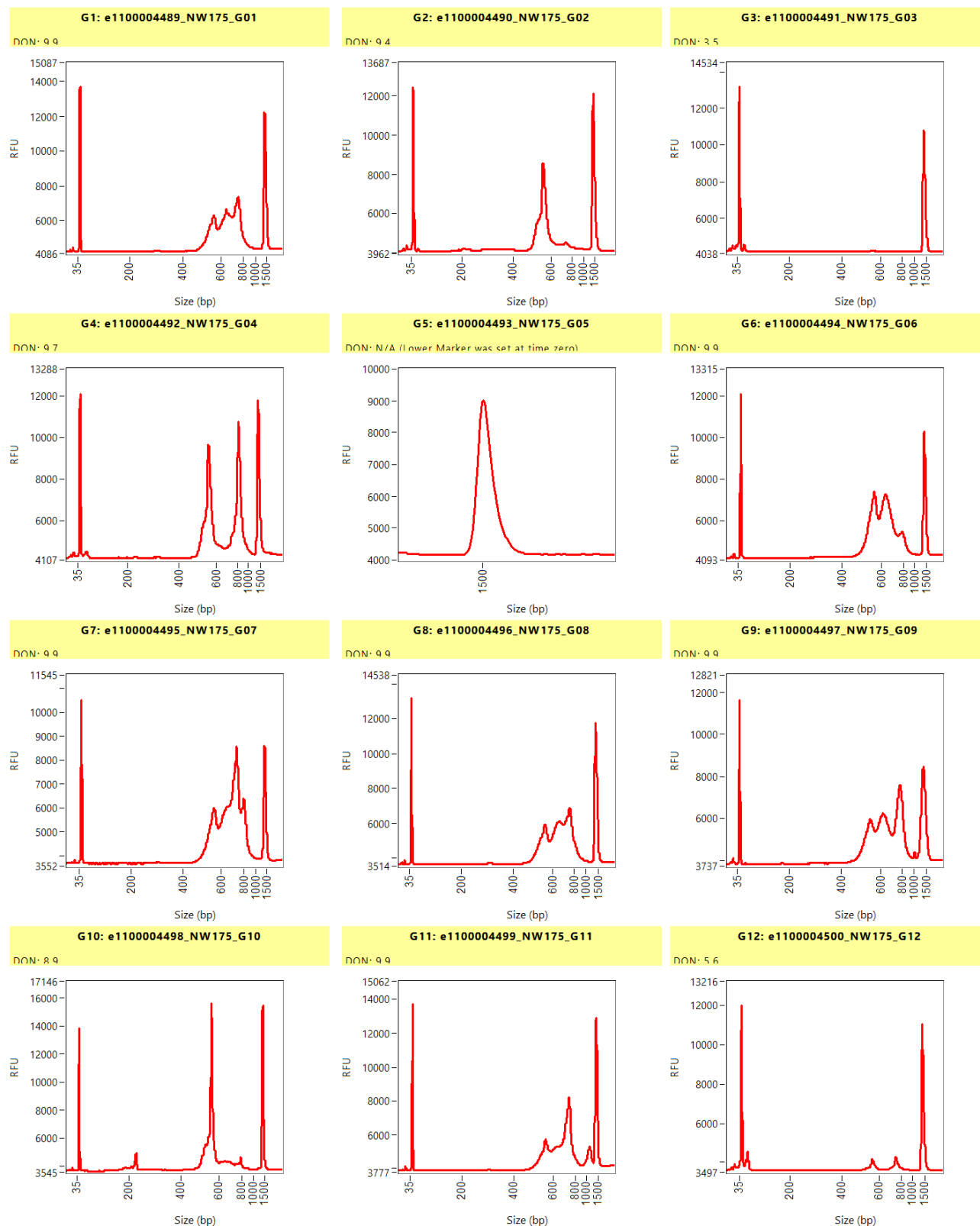
Filename and Data Path: C:\AATI\Data\2023 06 07\12-38-13\2023 06 07 12H 38M.raw



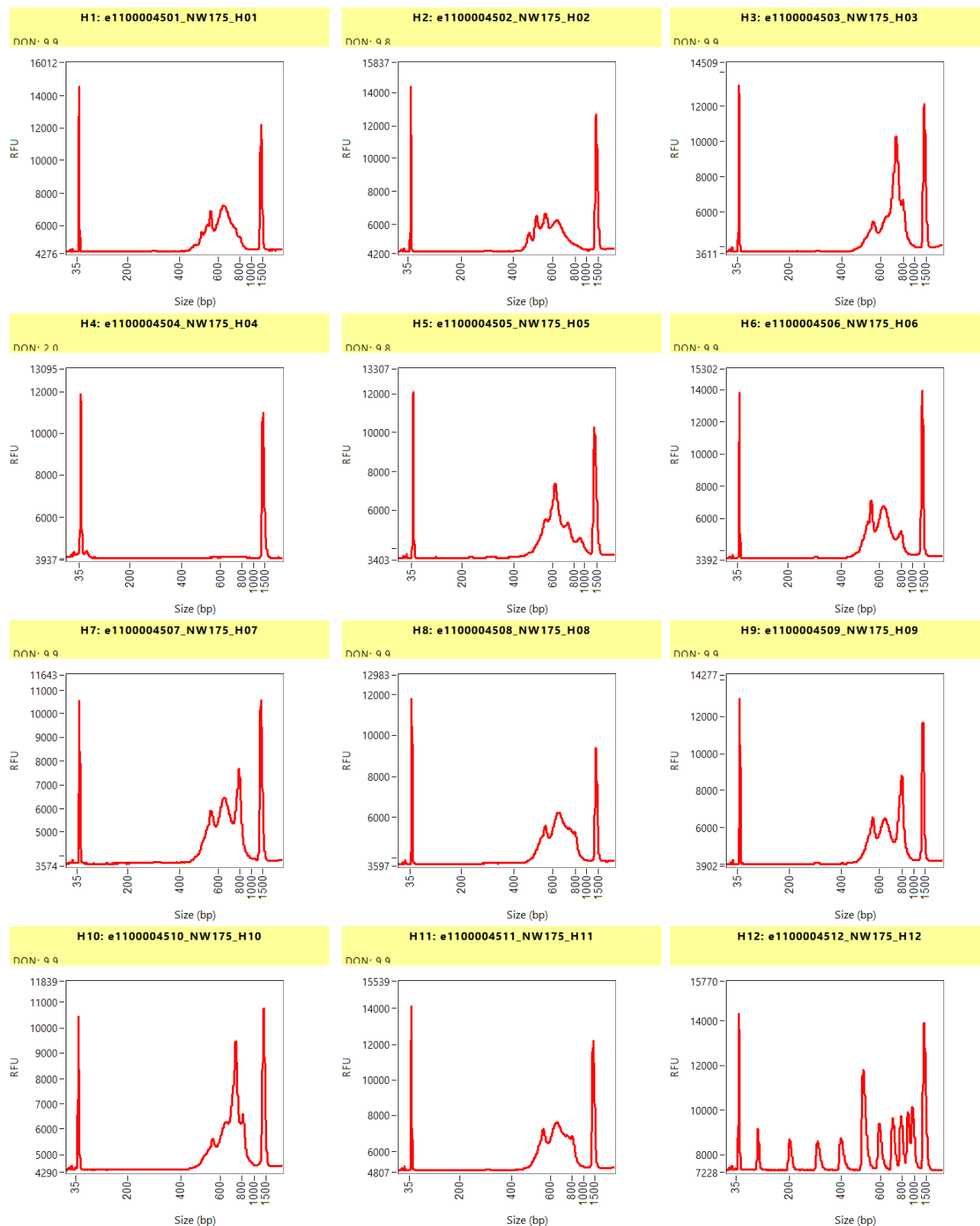
Filename and Data Path: C:\AATI\Data\2023 06 07\12-38-13\2023 06 07 12H 38M.raw

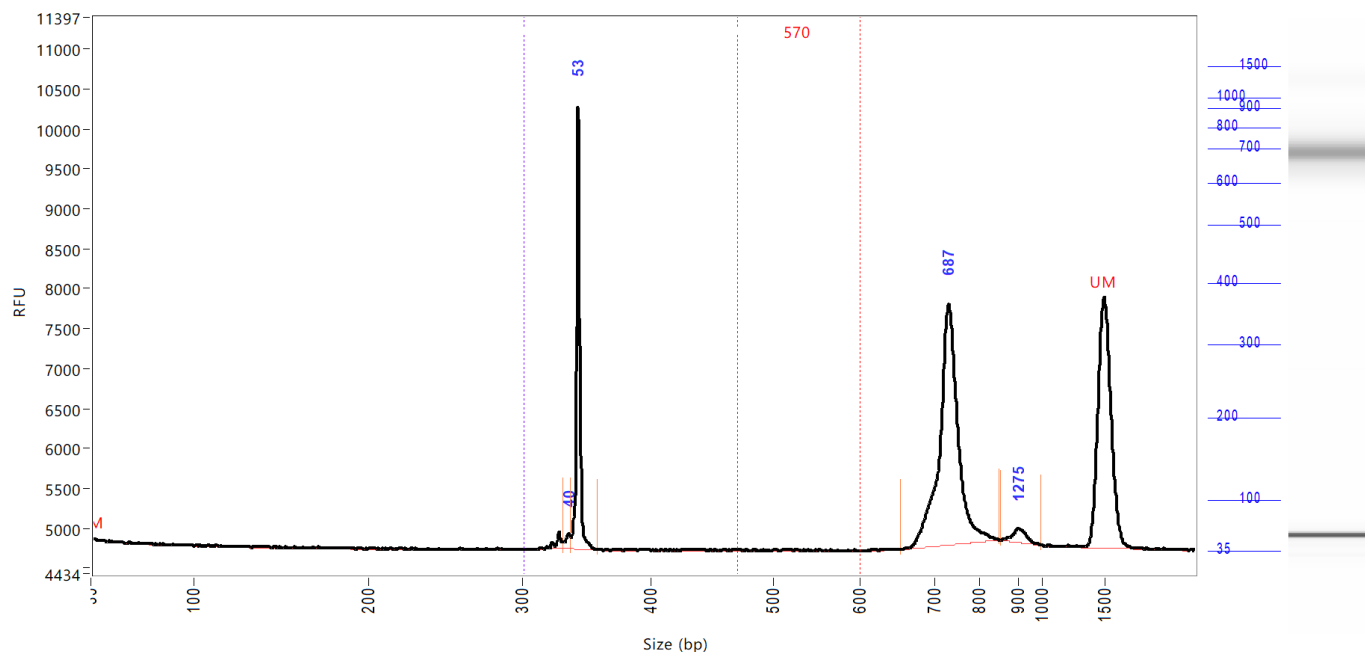


Filename and Data Path: C:\AATI\Data\2023 06 07\12-38-13\2023 06 07 12H 38M.raw



Filename and Data Path: C:\AATI\Data\2023 06 07\12-38-13\2023 06 07 12H 38M.raw



Sample: e1100004417_NW175_A01**Well Location:** A1**Created:** Wednesday, June 7, 2023 1:07:38 PM

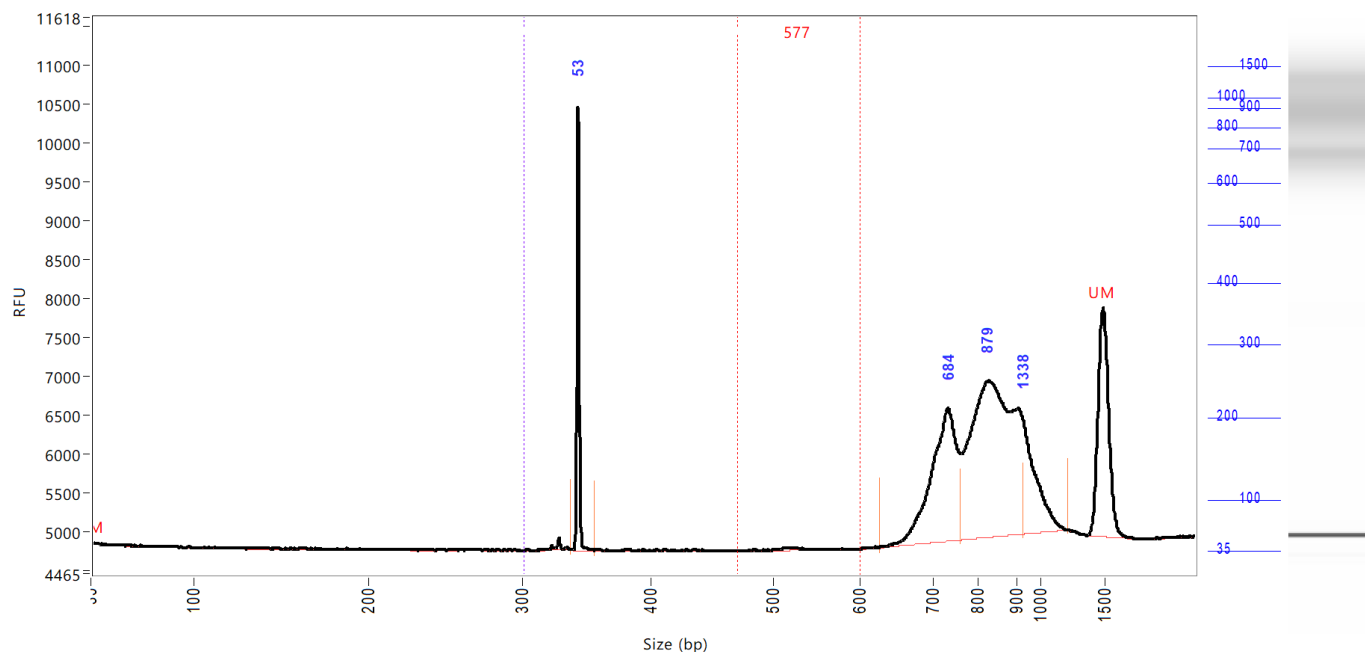
Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.2884	
53	5.5882	88.2
687	9.5779	11.8
1500 (UM)	0.3892	

TIC:	15.1662	ng/uL
TIM:	192.3372	nmole/L
Total Conc.:	18.7583	ng/uL

DQN:	N/A (Lower Marker was set at time zero)
Threshold:	300

Smear Analysis 470 bp to 600 bp 0.1462 ng/ul 0.8 %Total 0.4223 nmole/L 570 Avg. Size (bp) 6.81 %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): 45
Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
Size Threshold (b.p.): 300

Sample: e1100004418_NW175_A02**Well Location:** A2**Created:** Wednesday, June 7, 2023 1:07:38 PM

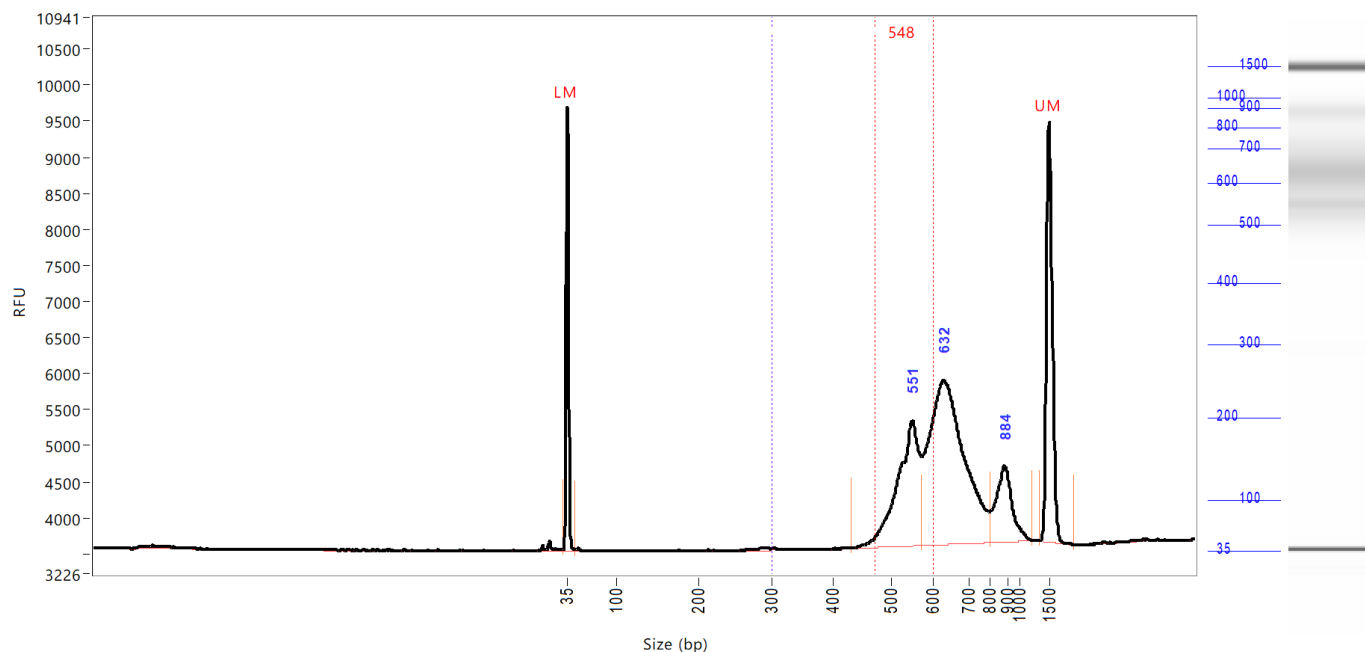
Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	5.2685	
684	9.8122	42.8
879	18.8021	57.2
1500 (UM)	4.0780	

TIC:	28.6143	ng/uL
TIM:	56.7583	nmole/L
Total Conc.:	42.2747	ng/uL

DQN:	N/A (Lower Marker was set at time zero)
Threshold:	300

Smear Analysis	470 bp to 600 bp	0.2940 ng/ul	0.7 %Total	0.8391 nmole/L	577 Avg. Size (bp)	4.15 %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): 45
Marker Peak Width (sec): 5	Marker Min Peak Height: 500	Marker Baseline V to V?: Y	Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU		Upper Marker Selection: Last Peak > 500 RFU	
Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500			
Quantification Using: Upper Marker	Final Concentration (ng/uL): 0.5000	Dilution Factor: 12.0	
Size Threshold (b.p.): 300			

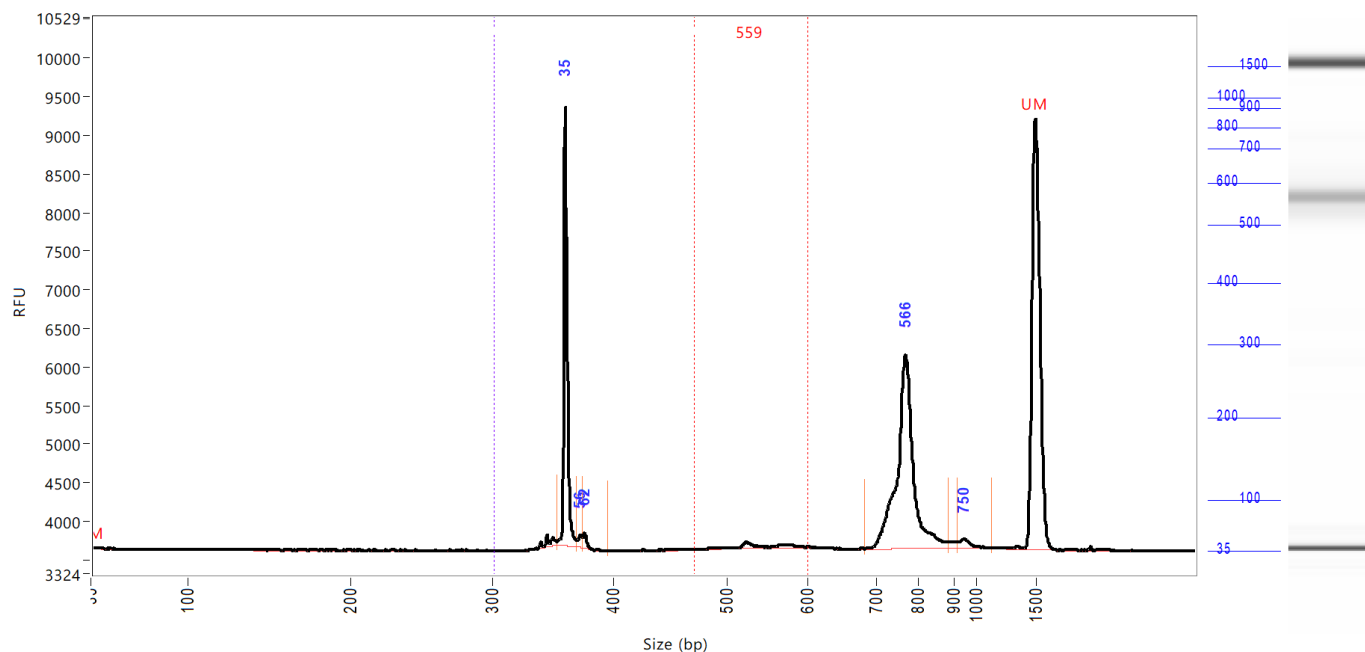
Sample: e1100004419_NW175_A03**Well Location:** A3**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4352	
551	7.6448	34.1
632	15.7301	57.6
884	3.1211	8.3
1500 (UM)	0.5000	

TIC:	26.4960	ng/uL
TIM:	69.2996	nmole/L
Total Conc.:	26.7885	ng/uL
DQN:	9.9	
Threshold:	300	

Smear Analysis 470 bp to 600 bp 10.1512 ng/uL 37.9 %Total 30.4820 nmole/L 548 Avg. Size (bp) 6.00 %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): 45
Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
Size Threshold (b.p.): 300

Sample: e1100004420_NW175_A04**Well Location:** A4**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	5.2426	
56	0.1484	15.3
62	0.2202	19.8
566	6.3597	64.9
1500 (UM)	0.2022	

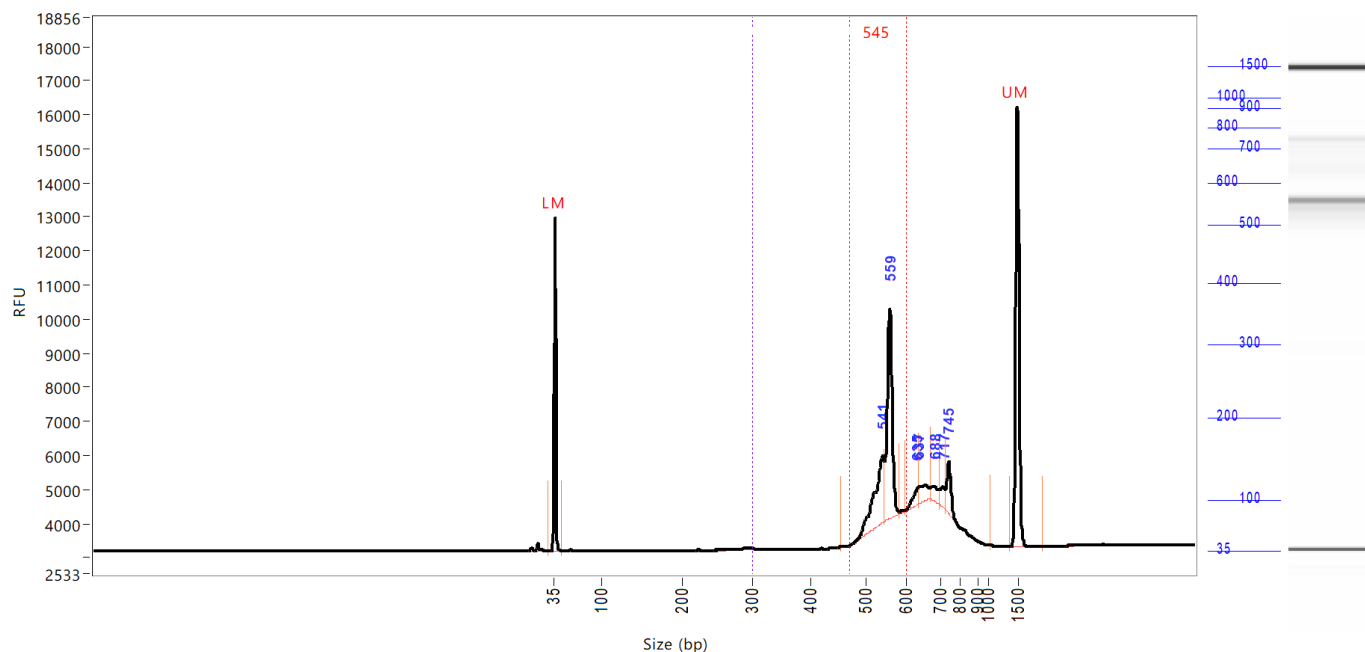
TIC: 6.7282 ng/uL
 TIM: 28.4738 nmole/L
 Total Conc.: 14.9834 ng/uL

DQN: N/A (Lower Marker was set at time zero)
 Threshold: 300

Smear Analysis 470 bp to 600 bp 0.3048 ng/ul 2.0 %Total 0.8976 nmole/L 559 Avg. Size (bp) 4.02 %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): 45
 Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
 Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
 Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
 Size Threshold (b.p.): 300

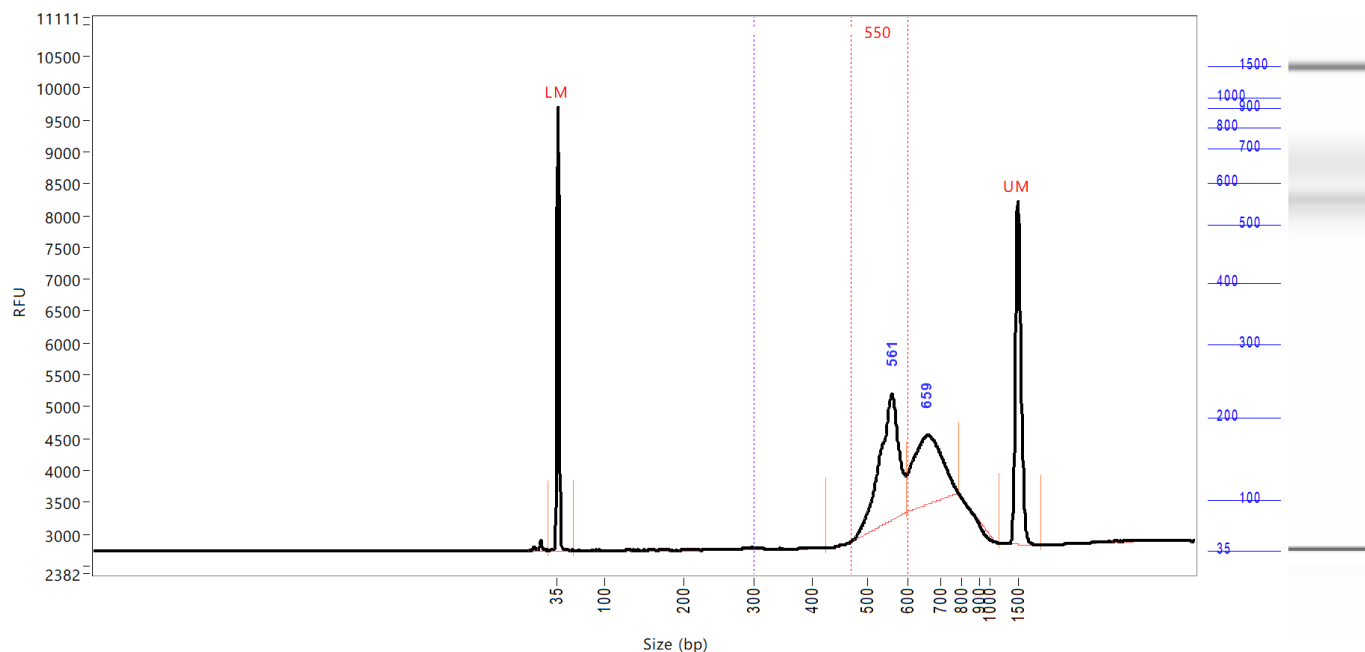
Created: Wednesday, June 7, 2023 1:07:38 PM



Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)	
35 (LM)	0.4032		
541	3.2036	31.8	
559	4.8824	45.6	
635	0.3778	3.2	
637	0.6887	5.5	
688	0.5104	3.9	
717	0.4173	3.0	
745	1.0161	7.1	
1500 (UM)	0.5000		
	TIC:	11.0962	ng/uL
	TIM:	31.5517	nmole/L
	Total Conc.:	11.3093	ng/uL
	DQN:	9.8	
	Threshold:	300	

Smear Analysis	470 bp to 600 bp	8.0231 ng/ul	70.9 %Total	24.2098 nmole/L	545 Avg. Size (bp)	3.64 %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): 45
Marker Peak Width (sec): 5	Marker Min Peak Height: 500	Marker Baseline V to V?: Y	Marker Baseline V to V pts: 3
Lower Marker Selection: First	Peak > 6000 RFU	Upper Marker Selection: Last	Peak > 500 RFU
Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500			
Quantification Using: Upper Marker	Final Concentration (ng/uL): 0.5000	Dilution Factor: 12.0	
Size Threshold (b.p.): 300			

Sample: e1100004422_NW175_A06**Well Location:** A6**Created:** Wednesday, June 7, 2023 1:07:38 PM

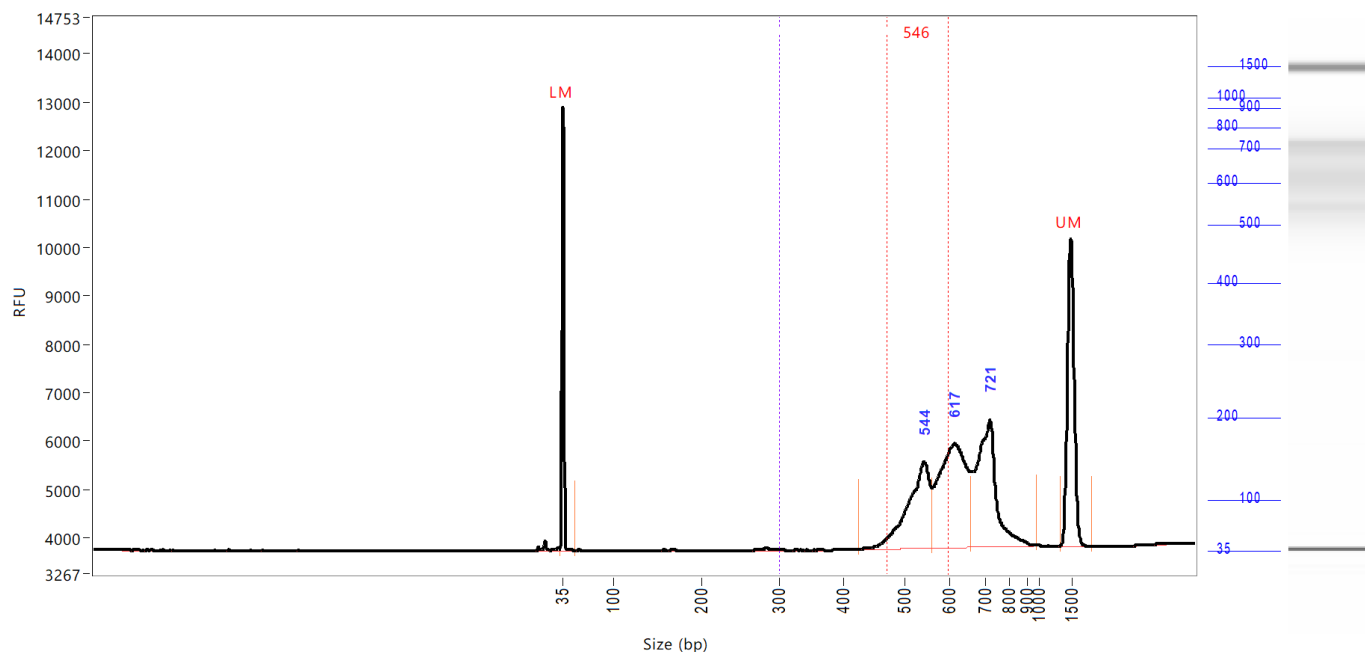
Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.5319	
561	8.8033	60.4
659	6.9413	39.6
1500 (UM)	0.5000	

TIC:	15.7447	ng/uL
TIM:	43.5953	nmole/L
Total Conc.:	16.1705	ng/uL

DQN:	9.8
Threshold:	300

Smear Analysis	470 bp to 600 bp	8.8801 ng/ul	54.9 %Total	26.5543 nmole/L	550 Avg. Size (bp)	4.76 %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): 45
Marker Peak Width (sec): 5	Marker Min Peak Height: 500	Marker Baseline V to V?: Y	Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU		Upper Marker Selection: Last Peak > 500 RFU	
Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500			
Quantification Using: Upper Marker	Final Concentration (ng/uL): 0.5000		Dilution Factor: 12.0
Size Threshold (b.p.): 300			

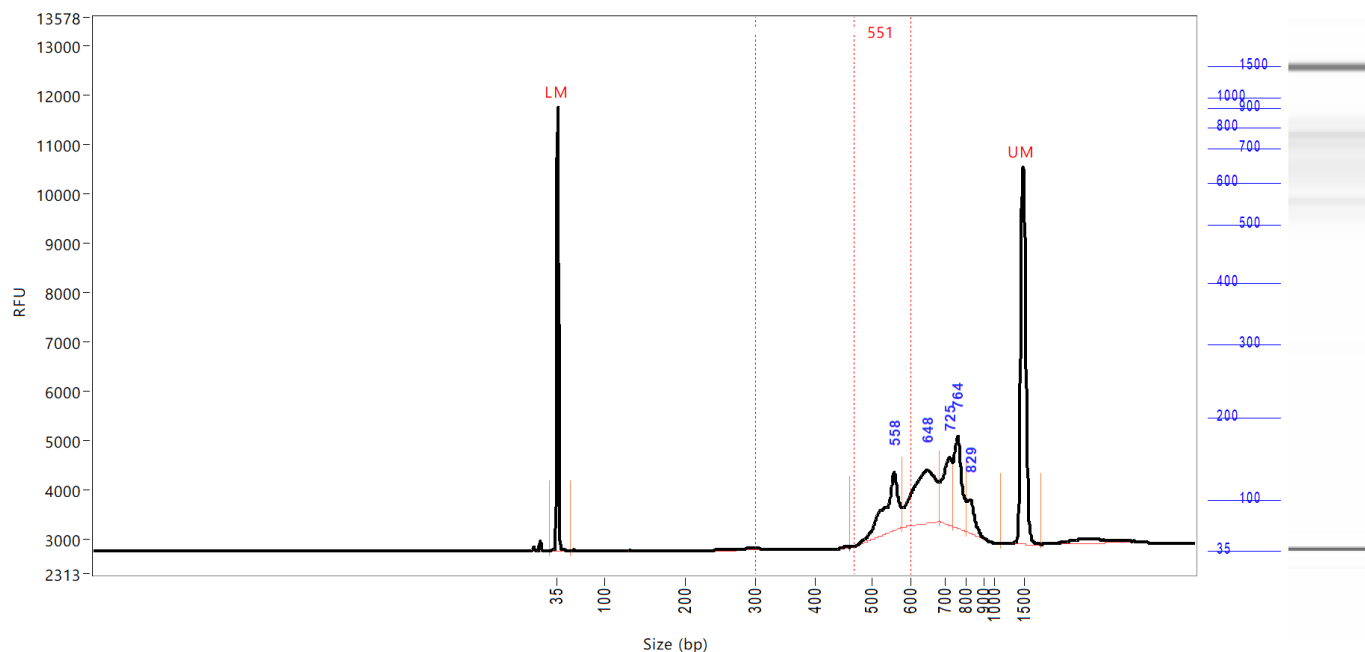
Sample: e1100004423_NW175_A07**Well Location:** A7**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4240	
544	6.5479	32.3
617	9.4664	39.9
721	7.6836	27.7
1500 (UM)	0.5000	

TIC:	23.6979	ng/uL
TIM:	63.7430	nmole/L
Total Conc.:	23.9909	ng/uL
DQN:	9.8	
Threshold:	300	

Smear Analysis 470 bp to 600 bp 9.8297 ng/ul 41.0 %Total 29.6062 nmole/L 546 Avg. Size (bp) 6.29 %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): 45
Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
Size Threshold (b.p.): 300

Sample: e1100004425_NW175_A09**Well Location:** A9**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
-----------	---------------	------------------------

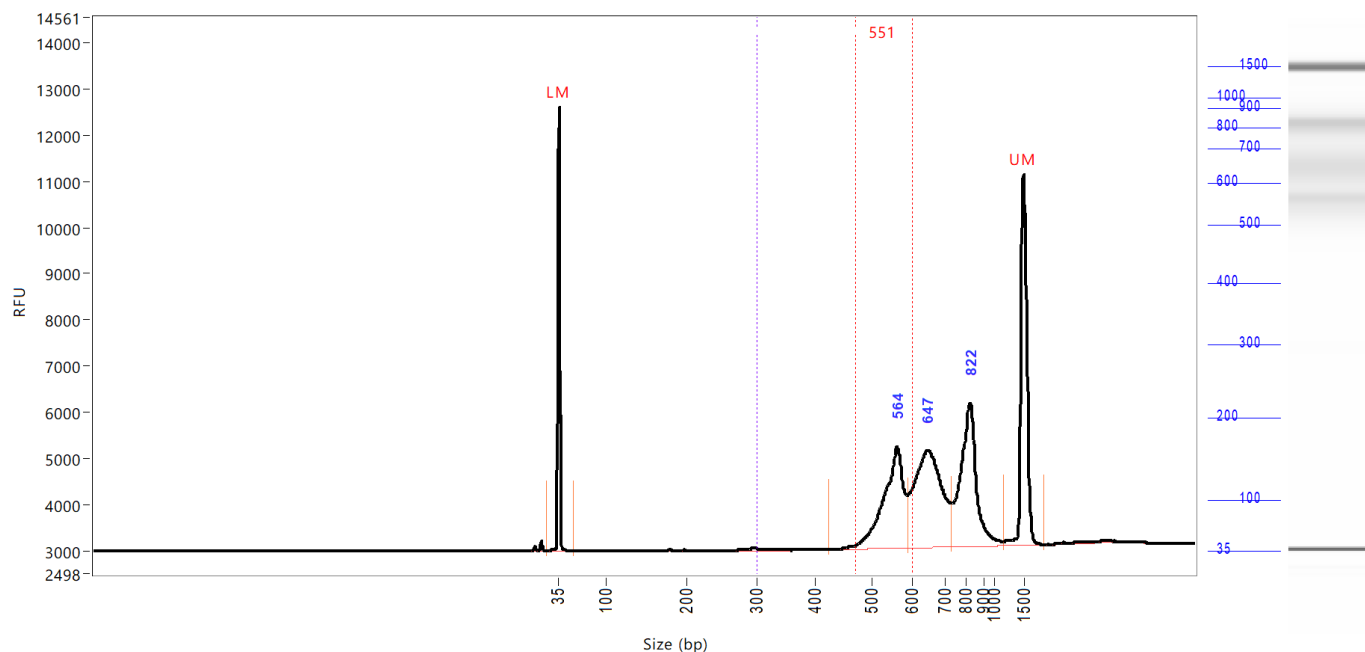
35 (LM)	0.4214	
558	2.8848	27.2
648	4.3605	35.1
725	2.1784	15.7
764	2.5222	16.8
829	0.8389	5.1
1500 (UM)	0.5000	

TIC:	12.7848	ng/uL
TIM:	32.1705	nmole/L
Total Conc.:	12.9696	ng/uL

DQN:	9.8
Threshold:	300

Smear Analysis	470 bp to 600 bp	3.5022 ng/ul	27.0 %Total	10.4682 nmole/L	551 Avg. Size (bp)	5.10 %CV
----------------	------------------	--------------	-------------	-----------------	--------------------	----------

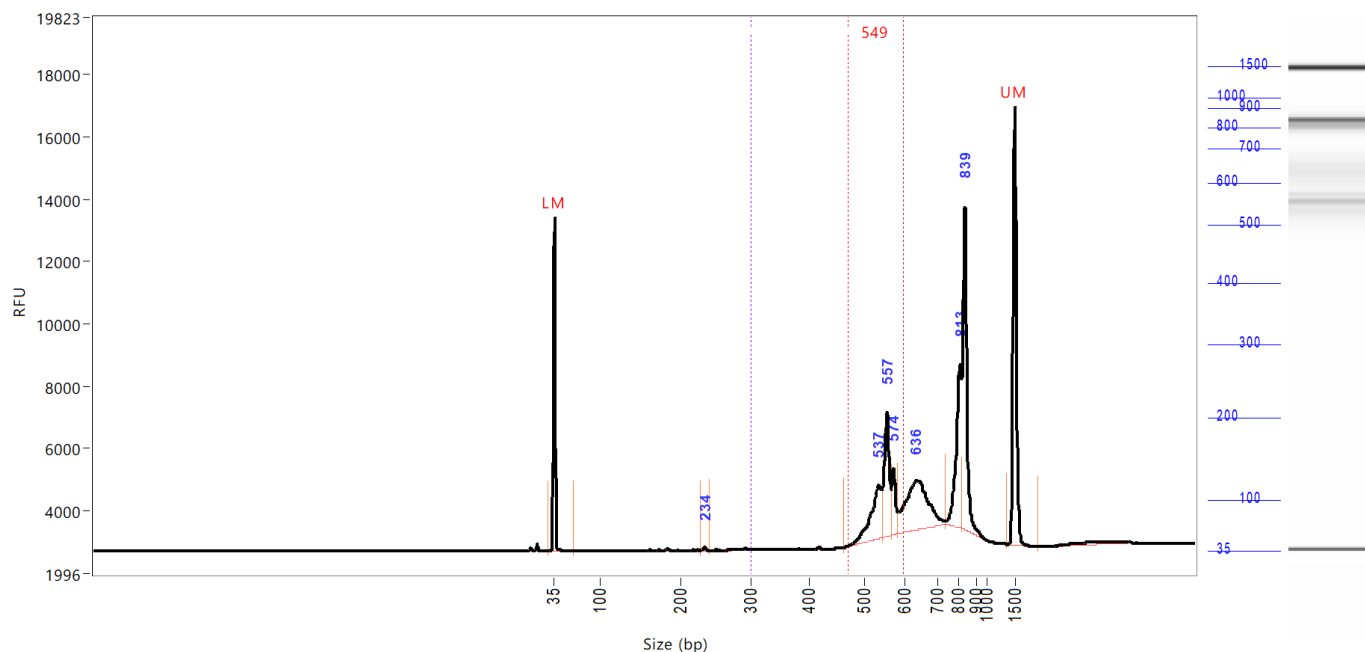
Sample Peak Width (sec): 5	Sample Min Peak Height: 100	Sample Baseline V to V?: Y	Sample Baseline V to V pts: 3
Sample Filter: Binomial	# of Pts for Filter: 3	Sample Start Region (min): 0	Sample End Region (min): 45
Marker Peak Width (sec): 5	Marker Min Peak Height: 500	Marker Baseline V to V?: Y	Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU		Upper Marker Selection: Last Peak > 500 RFU	
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500			
Quantification Using: Upper Marker	Final Concentration (ng/uL): 0.5000		Dilution Factor: 12.0
Size Threshold (b.p.): 300			

Sample: e1100004426_NW175_A10**Well Location:** A10**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.3932	
564	6.2491	35.9
647	8.1656	39.3
822	6.4818	24.8
1500 (UM)	0.5000	
TIC:	20.8965	ng/uL
TIM:	52.5019	nmole/L
Total Conc.:	21.1247	ng/uL
DQN:	9.9	
Threshold:	300	

Smear Analysis 470 bp to 600 bp 6.7608 ng/ul 32.0 %Total 20.1867 nmole/L 551 Avg. Size (bp) 5.37 %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): 45
Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
Size Threshold (b.p.): 300

Sample: e1100004427_NW175_A11**Well Location:** A11**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
-----------	---------------	------------------------

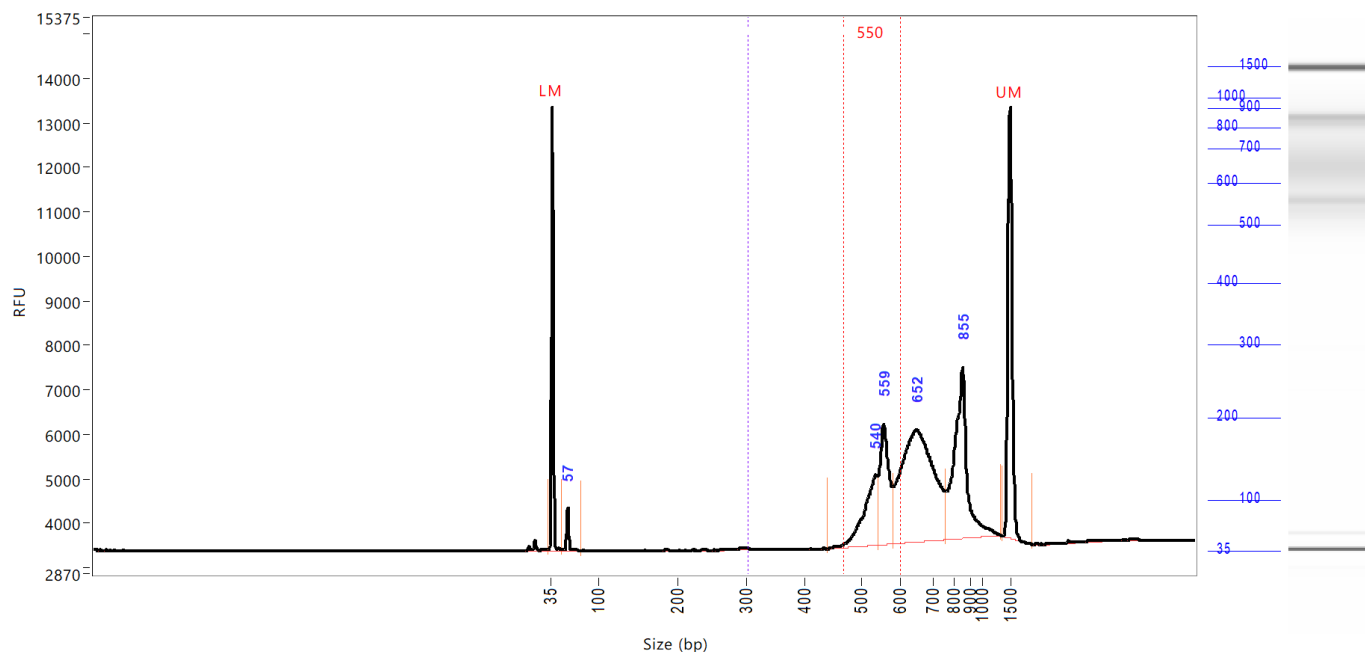
35 (LM)	0.4077	
234	0.0611	0.8
537	2.7999	16.3
557	3.1057	17.0
574	1.2627	6.7
636	5.0463	24.1
813	3.9202	14.9
839	5.5948	20.2
1500 (UM)	0.5000	

TIC:	21.7907	ng/uL
TIM:	54.0288	nmole/L
Total Conc.:	21.7251	ng/uL

DQN:	9.9
Threshold:	300

Smear Analysis	470 bp to 600 bp	7.5475 ng/uL	34.7 %Total	22.6139 nmole/L	549 Avg. Size (bp)	4.65 %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): 45
Marker Peak Width (sec): 5	Marker Min Peak Height: 500	Marker Baseline V to V?: Y	Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU		Upper Marker Selection: Last Peak > 500 RFU	
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500			
Quantification Using: Upper Marker	Final Concentration (ng/uL): 0.5000		Dilution Factor: 12.0
Size Threshold (b.p.): 300			

Sample: e1100004428_NW175_A12**Well Location:** A12**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
-----------	---------------	------------------------

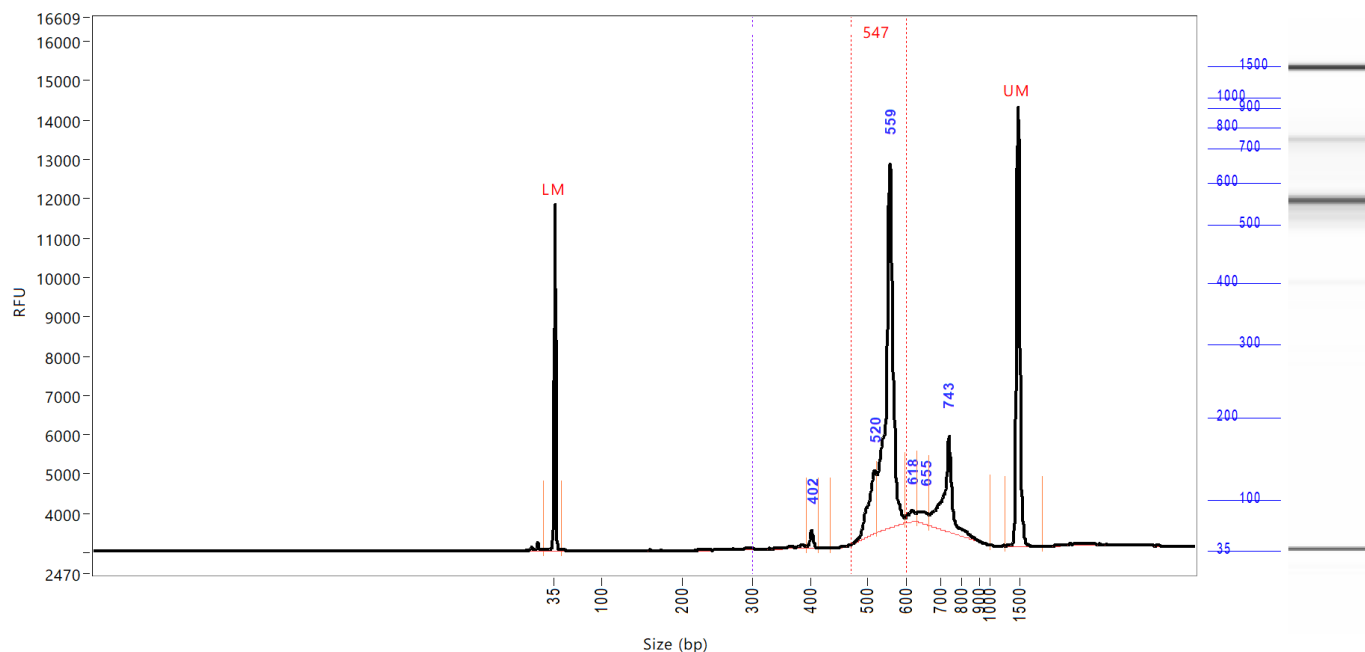
35 (LM)	0.4374	
57	0.5609	18.4
540	3.6201	13.2
559	4.1442	13.9
652	13.3132	38.2
855	7.3714	16.3
1500 (UM)	0.5000	

TIC:	29.0099	ng/uL
TIM:	87.4354	nmole/L
Total Conc.:	29.0968	ng/uL

DQN:	9.7
Threshold:	300

Smear Analysis	470 bp to 600 bp	8.9429 ng/ul	30.7 %Total	26.7807 nmole/L	550 Avg. Size (bp)	5.48 %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): 45
Marker Peak Width (sec): 5	Marker Min Peak Height: 500	Marker Baseline V to V?: Y	Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU		Upper Marker Selection: Last Peak > 500 RFU	
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500			
Quantification Using: Upper Marker	Final Concentration (ng/uL): 0.5000		Dilution Factor: 12.0
Size Threshold (b.p.): 300			

Sample: e1100004429_NW175_B01**Well Location:** B1**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
-----------	---------------	------------------------

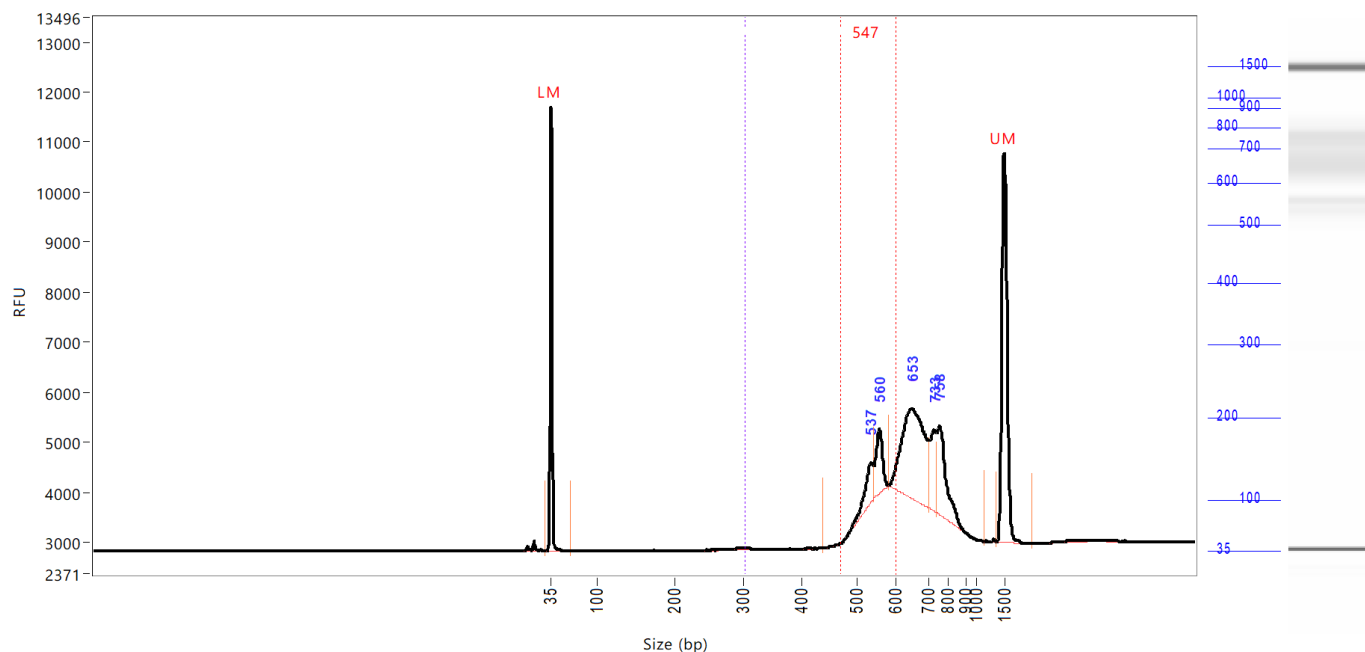
35 (LM)	0.4065	
402	0.3205	2.5
520	2.4303	14.6
559	11.5604	64.0
618	0.3633	1.8
655	0.5103	2.4
743	3.5193	14.7
1500 (UM)	0.5000	

TIC:	18.7041	ng/uL
TIM:	53.5711	nmole/L
Total Conc.:	19.0750	ng/uL

DQN:	9.9
Threshold:	300

Smear Analysis	470 bp to 600 bp	13.9147 ng/ul	72.9 %Total	41.8453 nmole/L	547 Avg. Size (bp)	3.84 %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): 45
Marker Peak Width (sec): 5	Marker Min Peak Height: 500	Marker Baseline V to V?: Y	Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU		Upper Marker Selection: Last Peak > 500 RFU	
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500			
Quantification Using: Upper Marker	Final Concentration (ng/uL): 0.5000		Dilution Factor: 12.0
Size Threshold (b.p.): 300			

Sample: e1100004430_NW175_B02**Well Location:** B2**Created:** Wednesday, June 7, 2023 1:07:38 PM

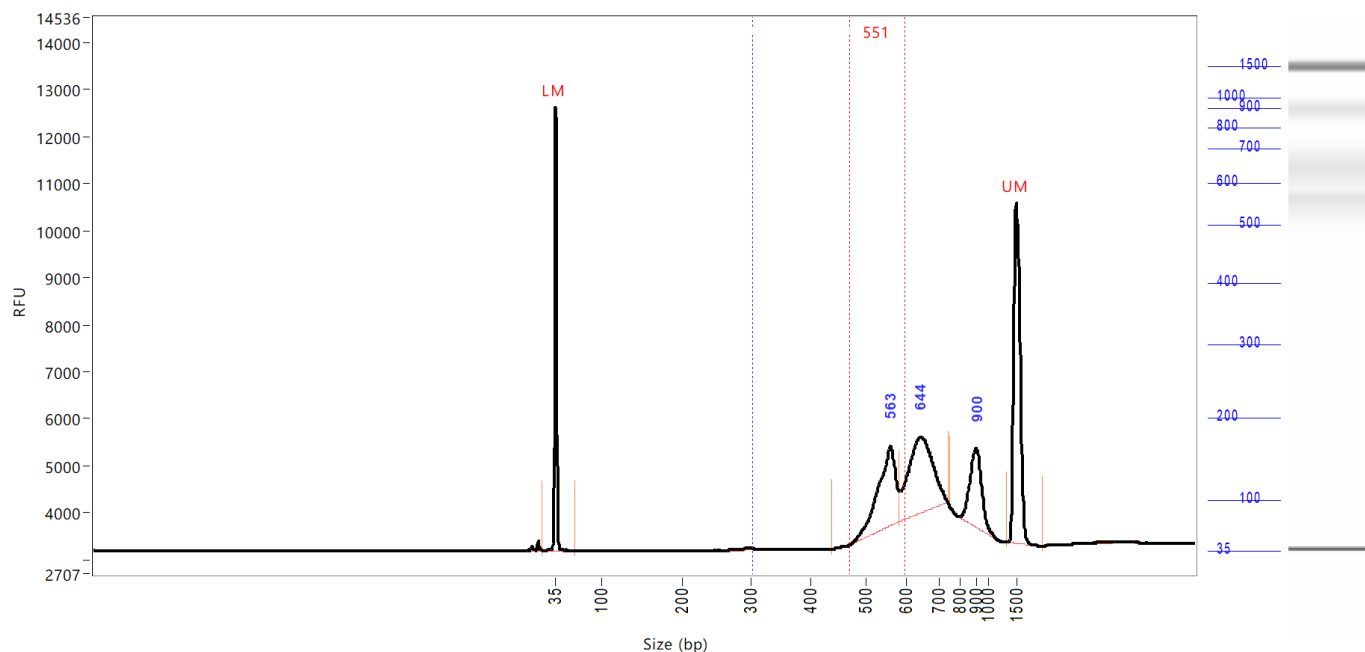
Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4235	
537	1.2011	11.0
560	1.4514	12.6
653	6.6562	49.1
733	1.6589	11.1
758	2.6239	16.3
1500 (UM)	0.5000	

TIC: 13.5916 ng/uL
 TIM: 34.0694 nmole/L
 Total Conc.: 13.6953 ng/uL

DQN: 9.9
 Threshold: 300

Smear Analysis 470 bp to 600 bp 2.7632 ng/ul 20.2 %Total 8.3081 nmole/L 547 Avg. Size (bp) 4.01 %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): 45
 Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
 Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
 Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
 Size Threshold (b.p.): 300

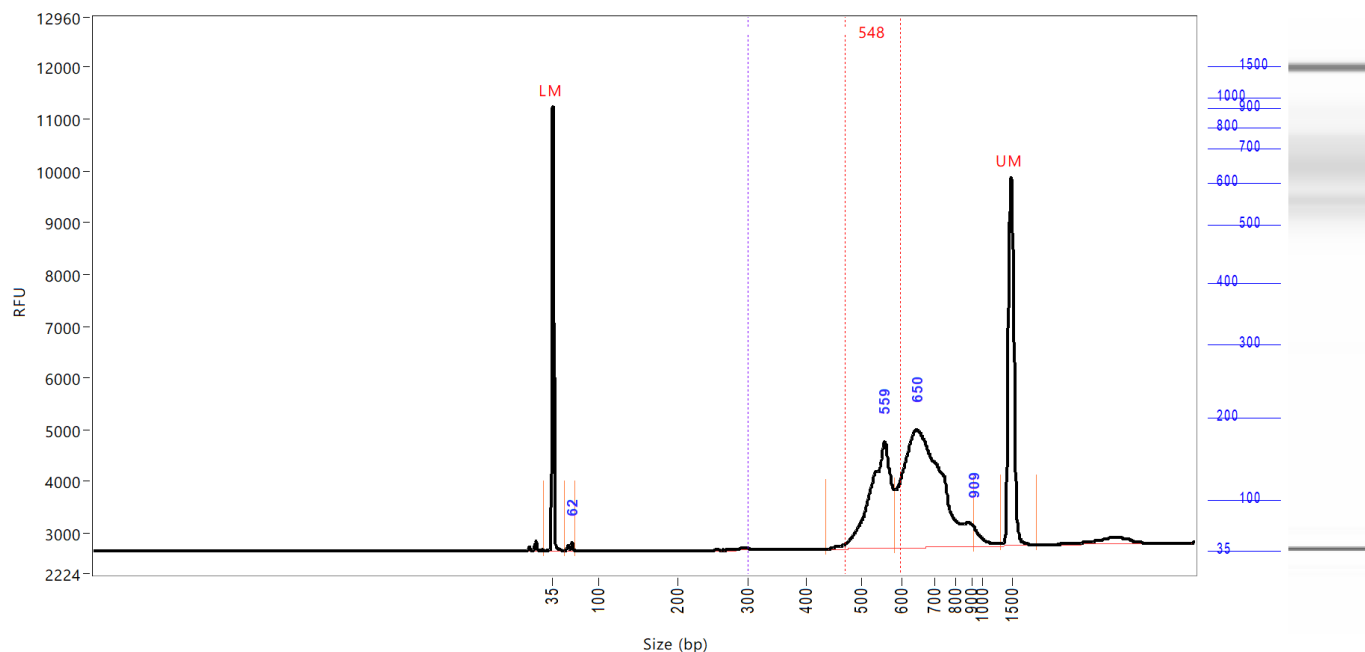
Sample: e1100004431_NW175_B03**Well Location:** B3**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4060	
563	4.4314	40.7
644	5.6905	44.3
900	2.7001	15.0
1500 (UM)	0.5000	

TIC:	12.8220	ng/uL
TIM:	32.8016	nmole/L
Total Conc.:	13.0828	ng/uL
DQN:	9.8	
Threshold:	300	

Smear Analysis 470 bp to 600 bp 4.9122 ng/ul 37.5 %Total 14.6647 nmole/L 551 Avg. Size (bp) 4.83 %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): 45
 Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
 Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
 Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
 Size Threshold (b.p.): 300

Sample: e1100004432_NW175_B04**Well Location:** B4**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
-----------	---------------	------------------------

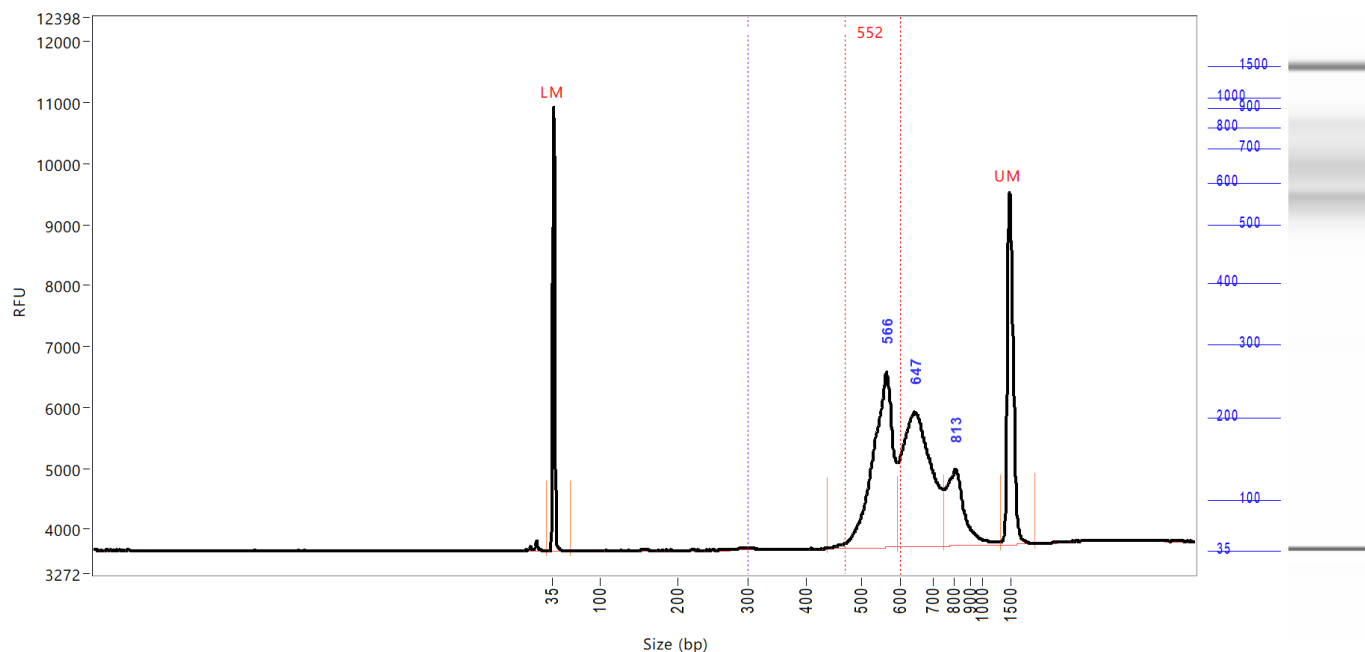
35 (LM)	0.4107	
62	0.1486	6.6
559	7.4879	36.2
650	14.5716	55.9
909	0.5076	1.3
1500 (UM)	0.5000	

TIC:	22.7156	ng/uL
TIM:	62.9008	nmole/L
Total Conc.:	22.8767	ng/uL

DQN:	9.9
Threshold:	300

Smear Analysis	470 bp to 600 bp	8.3748 ng/ul	36.6 %Total	25.1580 nmole/L	548 Avg. Size (bp)	5.57 %CV
----------------	------------------	--------------	-------------	-----------------	--------------------	----------

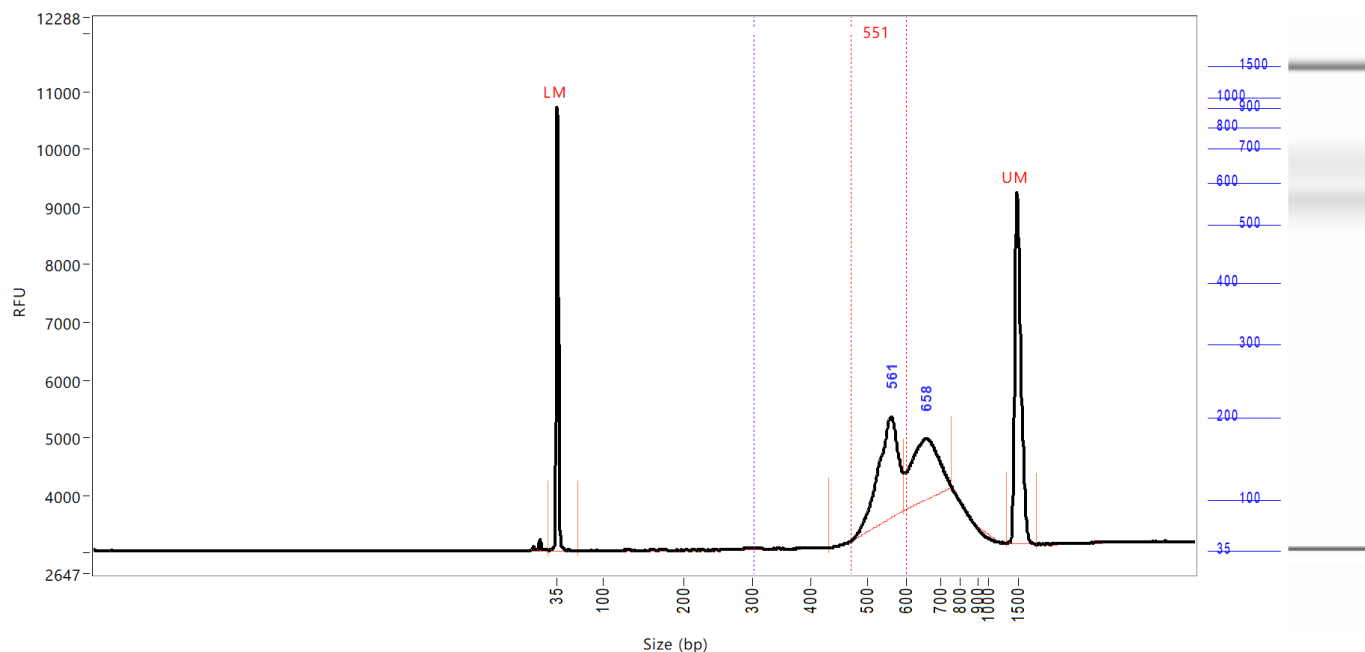
Sample Peak Width (sec): 5	Sample Min Peak Height: 100	Sample Baseline V to V?: Y	Sample Baseline V to V pts: 3
Sample Filter: Binomial	# of Pts for Filter: 3	Sample Start Region (min): 0	Sample End Region (min): 45
Marker Peak Width (sec): 5	Marker Min Peak Height: 500	Marker Baseline V to V?: Y	Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU		Upper Marker Selection: Last Peak > 500 RFU	
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500			
Quantification Using: Upper Marker	Final Concentration (ng/uL): 0.5000		Dilution Factor: 12.0
Size Threshold (b.p.): 300			

Sample: e1100004433_NW175_B05**Well Location:** B5**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4596	
566	11.7022	46.7
647	12.5952	42.0
813	4.2584	11.2
1500 (UM)	0.5000	
TIC:	28.5558	ng/uL
TIM:	75.0396	nmole/L
Total Conc.:	28.7899	ng/uL
DQN:	9.9	
Threshold:	300	

Smear Analysis 470 bp to 600 bp 12.1802 ng/uL 42.3 %Total 36.2920 nmole/L 552 Avg. Size (bp) 5.11 %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): 45
 Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
 Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
 Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
 Size Threshold (b.p.): 300

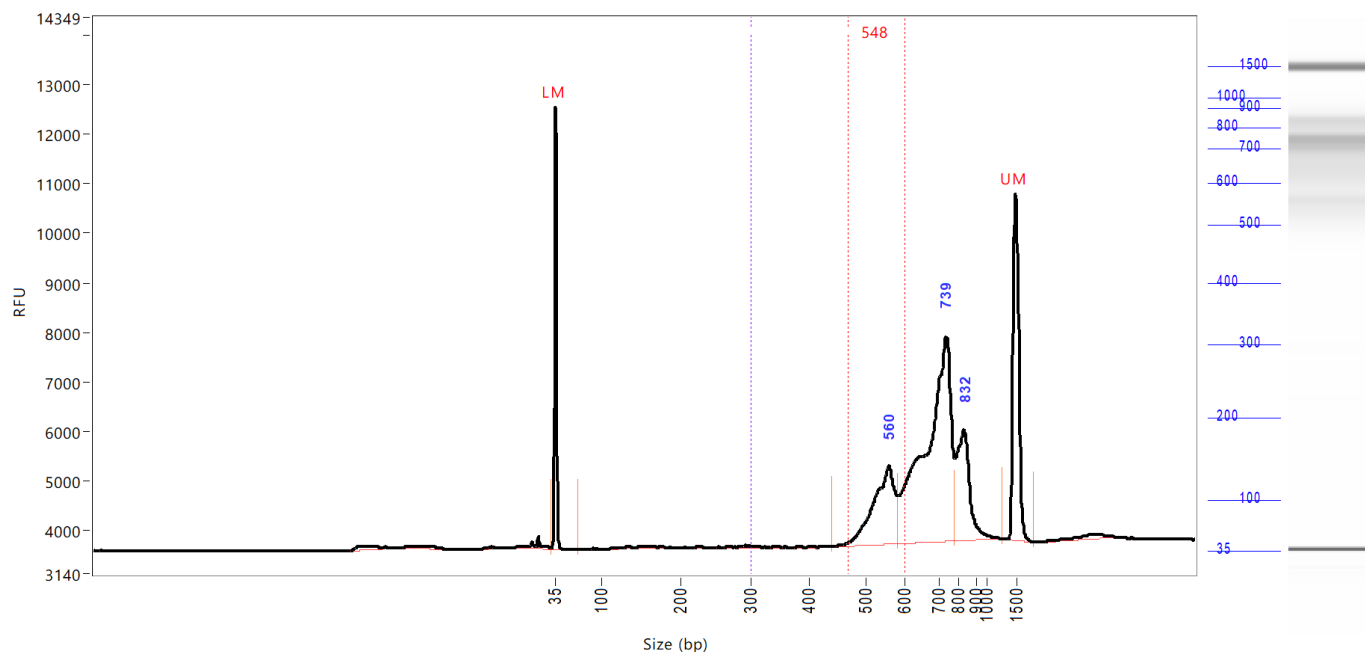
Sample: e1100004434_NW175_B06**Well Location:** B6**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4559	
561	6.5554	60.3
658	5.1405	39.7
1500 (UM)	0.5000	

TIC:	11.6959	ng/uL
TIM:	32.5846	nmole/L
Total Conc.:	11.9995	ng/uL
DQN:	9.8	
Threshold:	300	

Smear Analysis 470 bp to 600 bp 6.7489 ng/ul 56.2 %Total 20.1634 nmole/L 551 Avg. Size (bp) 4.80 %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): 45
Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
Size Threshold (b.p.): 300

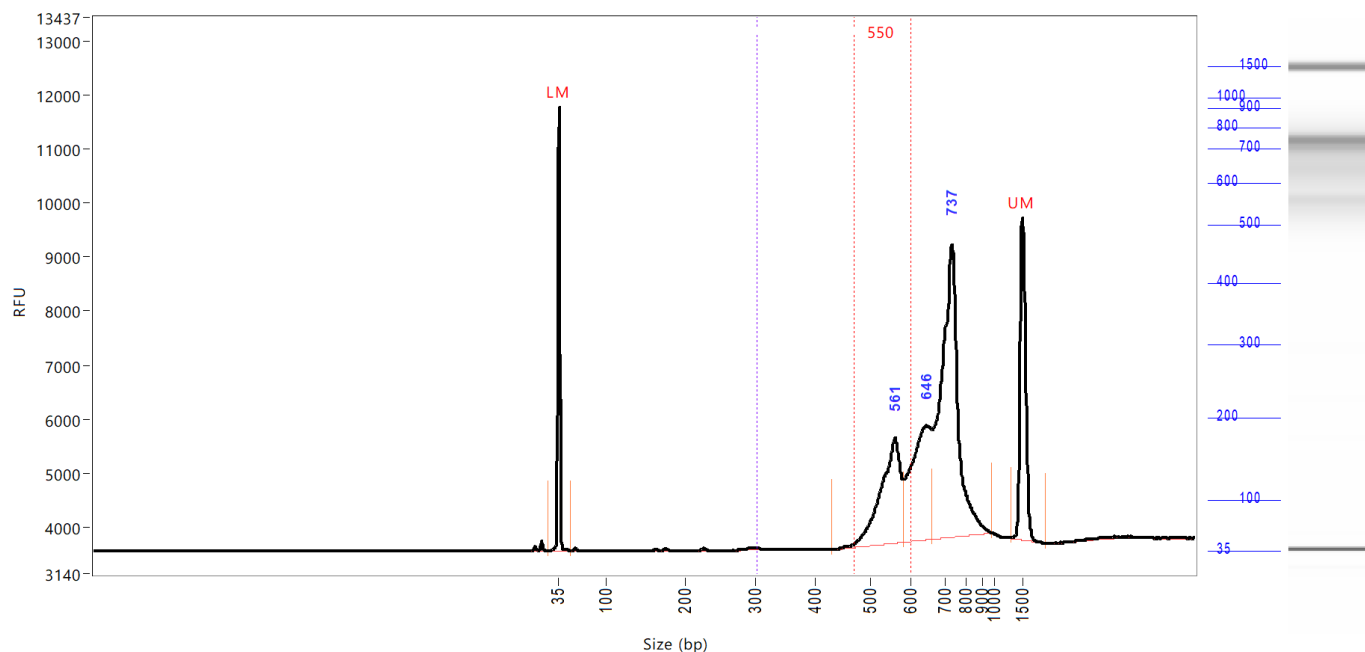
Sample: e1100004436_NW175_B08**Well Location:** B8**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4395	
560	5.7088	26.1
739	16.9577	60.7
832	4.5035	13.3
1500 (UM)	0.5000	

TIC:	27.1700	ng/uL
TIM:	66.8591	nmole/L
Total Conc.:	27.5288	ng/uL
DQN:	9.8	
Threshold:	300	

Smear Analysis 470 bp to 600 bp 6.6688 ng/ul 24.2 %Total 20.0262 nmole/L 548 Avg. Size (bp) 5.71 %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): 45
Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
Size Threshold (b.p.): 300

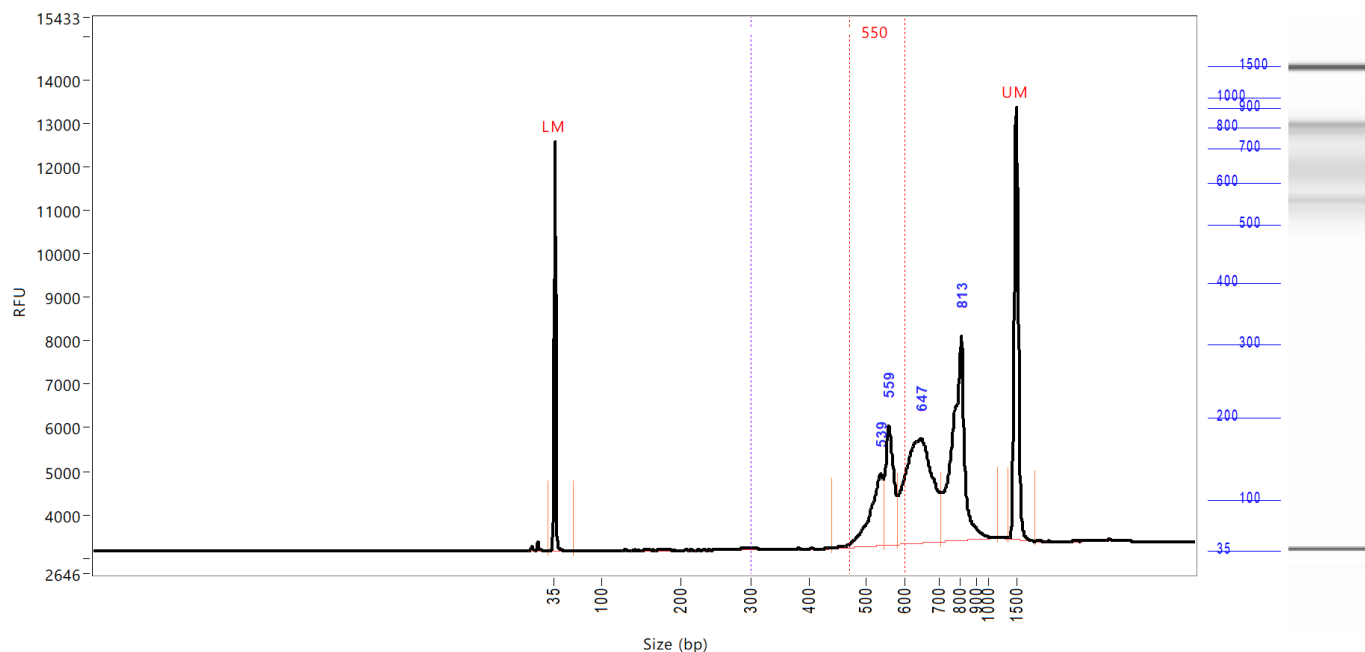
Sample: e1100004437_NW175_B09**Well Location:** B9**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.5012	
561	8.0330	28.2
646	8.6032	26.1
737	17.5763	45.7
1500 (UM)	0.5000	

TIC:	34.2125	ng/uL
TIM:	86.6403	nmole/L
Total Conc.:	34.4469	ng/uL
DQN:	9.9	
Threshold:	300	

Smear Analysis 470 bp to 600 bp 9.4529 ng/ul 27.4 %Total 28.2853 nmole/L 550 Avg. Size (bp) 5.54 %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): 45
 Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
 Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
 Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
 Size Threshold (b.p.): 300

Sample: e1100004438_NW175_B10**Well Location:** B10**Created:** Wednesday, June 7, 2023 1:07:38 PM

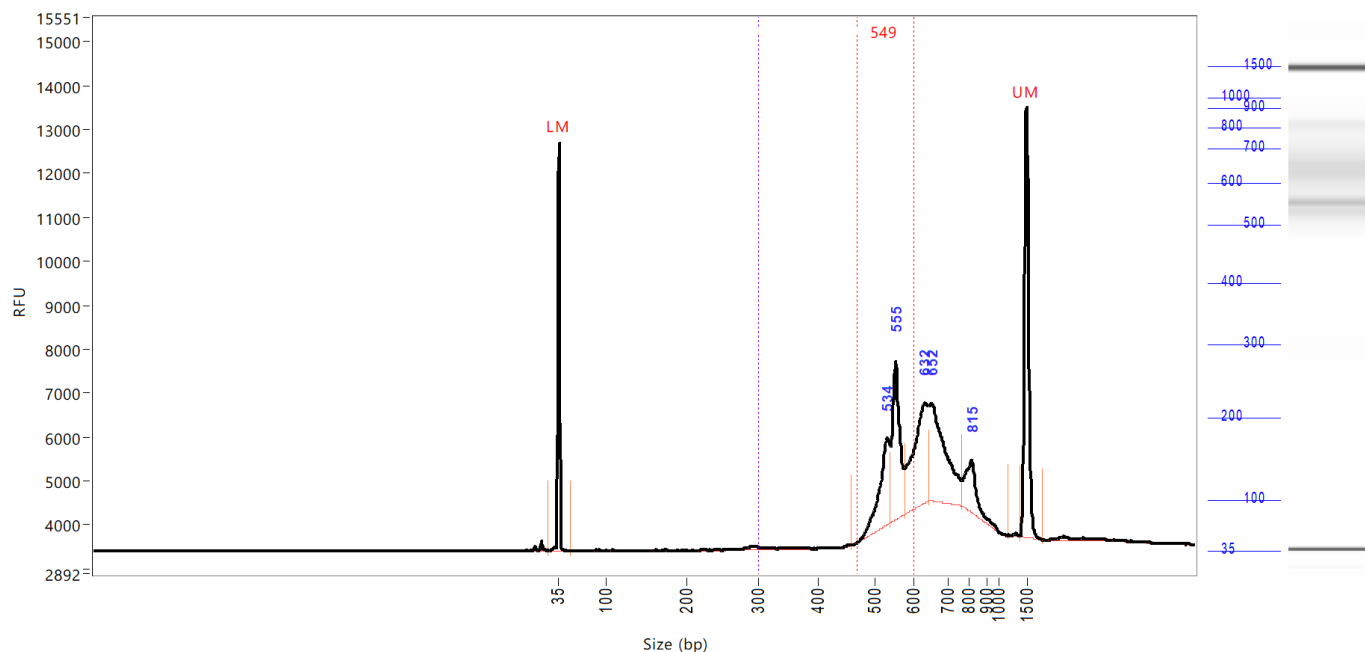
Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
-----------	---------------	------------------------

35 (LM)	0.4260	
539	3.6534	17.0
559	3.7993	16.3
647	10.6311	40.1
813	8.7388	26.6
1500 (UM)	0.5000	

TIC:	26.8226	ng/uL
TIM:	68.1391	nmole/L
Total Conc.:	26.9914	ng/uL
DQN:	9.9	
Threshold:	300	

Smear Analysis	470 bp to 600 bp	8.6785 ng/ul	32.2 %Total	25.9773 nmole/L	550 Avg. Size (bp)	5.37 %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): 45
Marker Peak Width (sec): 5	Marker Min Peak Height: 500	Marker Baseline V to V?: Y	Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU		Upper Marker Selection: Last Peak > 500 RFU	
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500			
Quantification Using: Upper Marker	Final Concentration (ng/uL): 0.5000		Dilution Factor: 12.0
Size Threshold (b.p.): 300			

Sample: e1100004439_NW175_B11**Well Location:** B11**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
-----------	---------------	------------------------

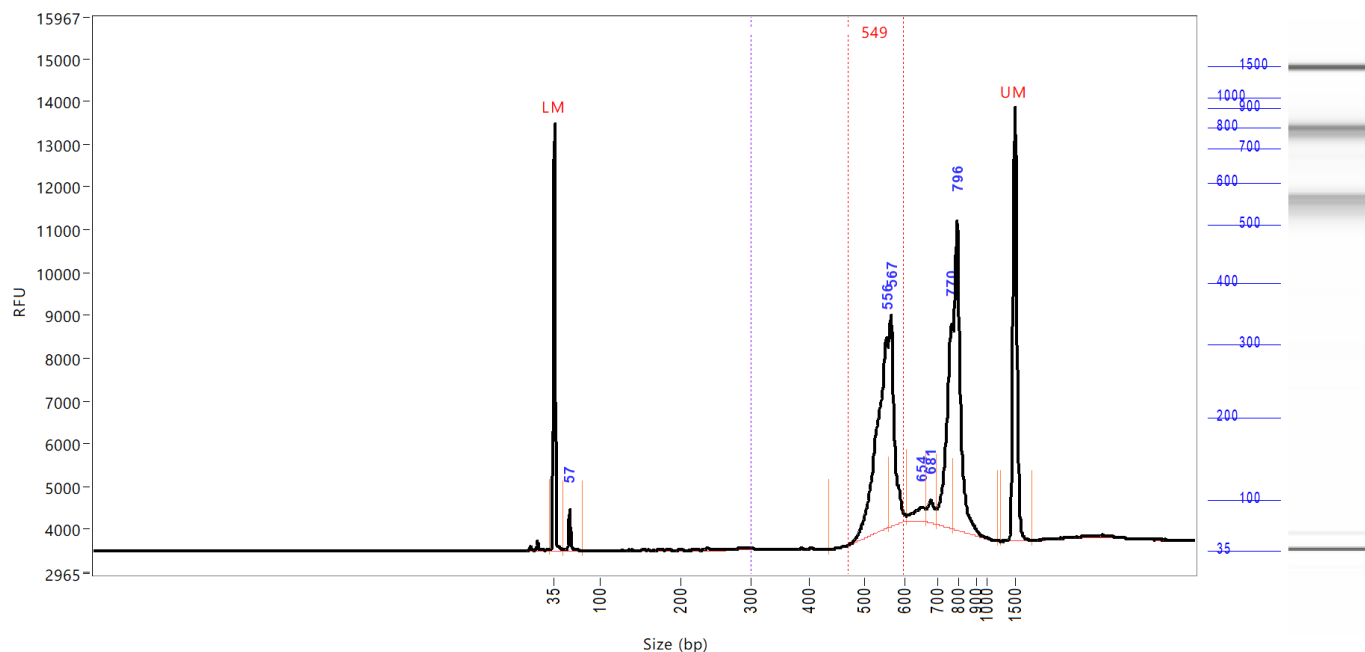
35 (LM)	0.4183	
534	3.6057	19.3
555	4.5565	22.9
632	5.7367	26.1
652	5.9550	24.4
815	2.1564	7.3
1500 (UM)	0.5000	

TIC:	22.0103	ng/uL
TIM:	58.9030	nmole/L
Total Conc.:	22.1885	ng/uL

DQN:	9.9
Threshold:	300

Smear Analysis	470 bp to 600 bp	9.5947 ng/ul	43.2 %Total	28.7838 nmole/L	549 Avg. Size (bp)	4.87 %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): 45
Marker Peak Width (sec): 5	Marker Min Peak Height: 500	Marker Baseline V to V?: Y	Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU		Upper Marker Selection: Last Peak > 500 RFU	
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500			
Quantification Using: Upper Marker	Final Concentration (ng/uL): 0.5000		Dilution Factor: 12.0
Size Threshold (b.p.): 300			

Sample: e1100004440_NW175_B12**Well Location:** B12**Created:** Wednesday, June 7, 2023 1:07:38 PM

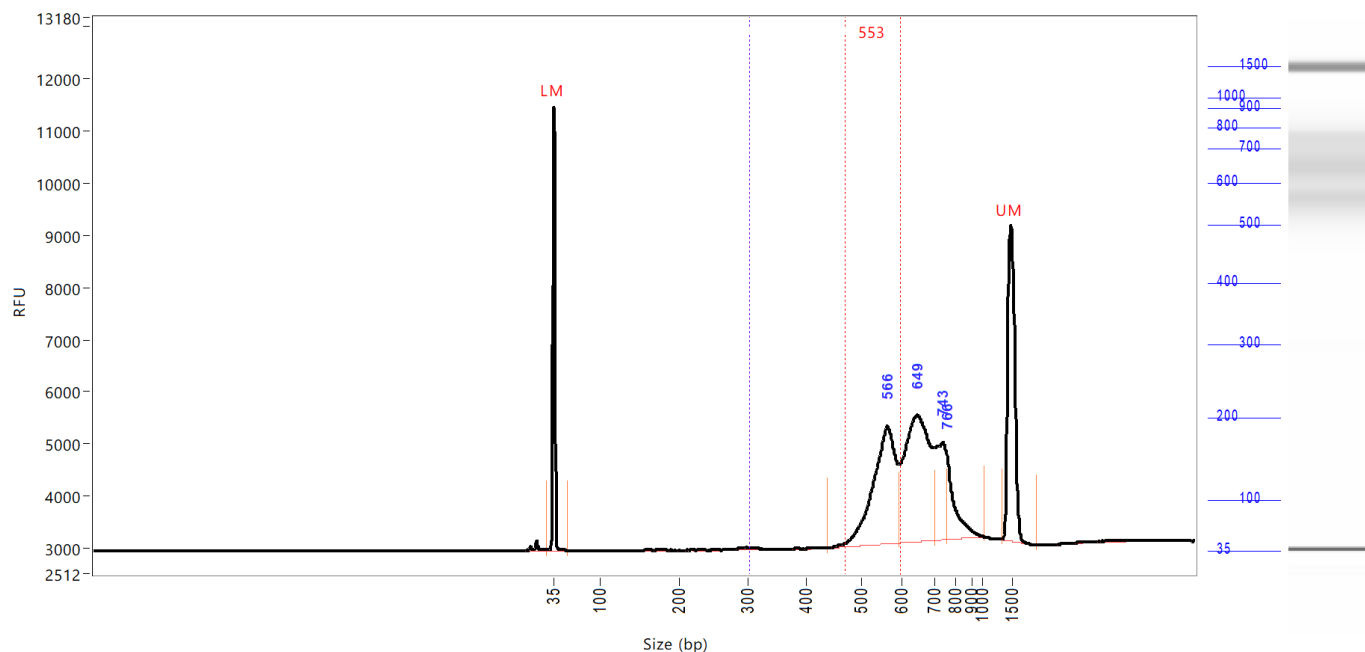
Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
-----------	---------------	------------------------

35 (LM)	0.4585	
57	0.5938	20.1
556	8.4529	30.0
567	5.0215	16.7
654	0.6454	1.9
681	0.5630	1.6
770	5.0746	12.8
796	7.1340	16.9
1500 (UM)	0.5000	

TIC:	27.4851	ng/uL
TIM:	86.4124	nmole/L
Total Conc.:	27.4914	ng/uL
DQN:	9.6	
Threshold:	300	

Smear Analysis	470 bp to 600 bp	13.1847 ng/uL	48.0 %Total	39.5487 nmole/L	549 Avg. Size (bp)	4.05 %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): 45
Marker Peak Width (sec): 5	Marker Min Peak Height: 500	Marker Baseline V to V?: Y	Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU		Upper Marker Selection: Last Peak > 500 RFU	
Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500			
Quantification Using: Upper Marker	Final Concentration (ng/uL): 0.5000		Dilution Factor: 12.0
Size Threshold (b.p.): 300			

Sample: e1100004441_NW175_C01**Well Location:** C1**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
-----------	---------------	------------------------

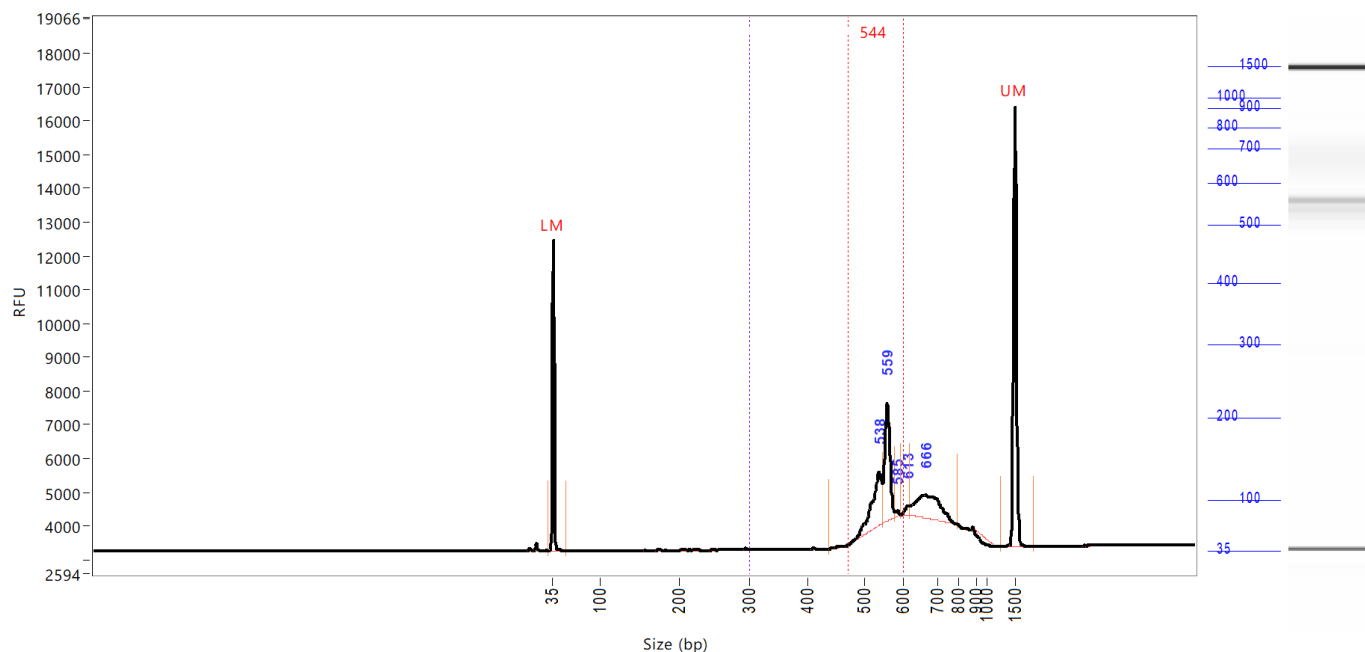
35 (LM)	0.4189	
566	8.4053	41.6
649	9.6493	40.5
743	3.1467	11.7
766	1.8310	6.2
1500 (UM)	0.5000	

TIC:	23.0323	ng/uL
TIM:	60.3520	nmole/L
Total Conc.:	23.0668	ng/uL

DQN:	9.9
Threshold:	300

Smear Analysis	470 bp to 600 bp	8.6742 ng/ul	37.6 %Total	25.7947 nmole/L	553 Avg. Size (bp)	5.32 %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): 45
Marker Peak Width (sec): 5	Marker Min Peak Height: 500	Marker Baseline V to V?: Y	Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU		Upper Marker Selection: Last Peak > 500 RFU	
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500			
Quantification Using: Upper Marker	Final Concentration (ng/uL): 0.5000		Dilution Factor: 12.0
Size Threshold (b.p.): 300			

Sample: e1100004442_NW175_C02**Well Location:** C2**Created:** Wednesday, June 7, 2023 1:07:38 PM

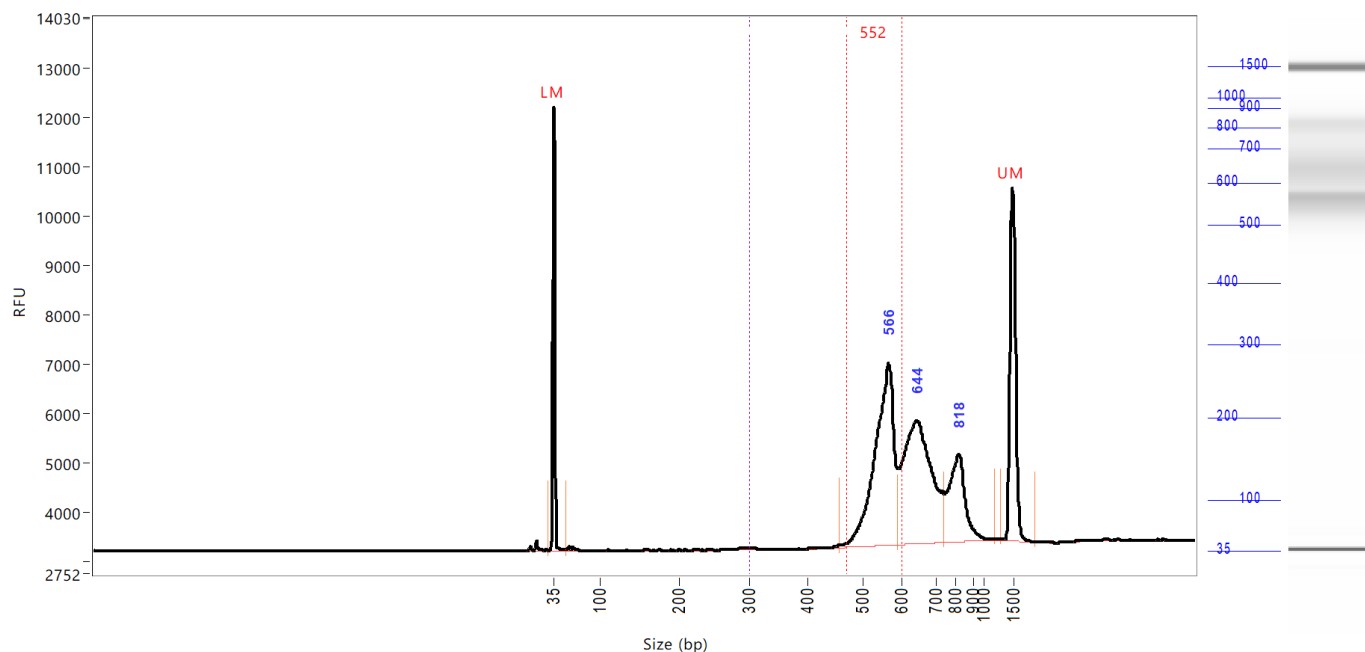
Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4103	
538	2.7413	33.4
559	3.2749	37.5
585	0.0939	1.0
613	0.2175	2.3
666	2.7221	25.8
1500 (UM)	0.5000	

TIC: 9.0497 ng/uL
 TIM: 25.6856 nmole/L
 Total Conc.: 9.3148 ng/uL

DQN: 9.8
 Threshold: 300

Smear Analysis 470 bp to 600 bp 6.0308 ng/ul 64.7 %Total 18.2401 nmole/L 544 Avg. Size (bp) 3.78 %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): 45
 Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
 Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
 Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
 Size Threshold (b.p.): 300

Sample: e1100004444_NW175_C04**Well Location:** C4**Created:** Wednesday, June 7, 2023 1:07:38 PM

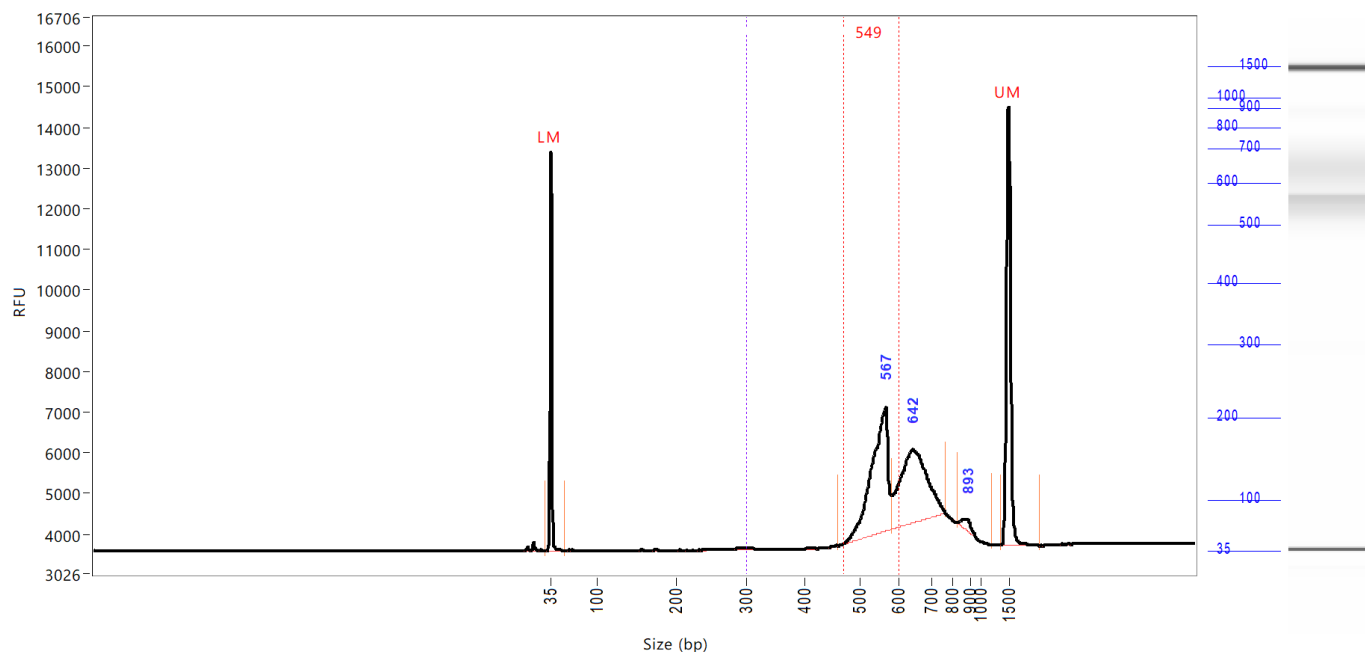
Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4338	
566	11.8630	48.4
644	11.5038	39.4
818	4.4374	12.2
1500 (UM)	0.5000	

TIC:	27.8042	ng/uL
TIM:	73.6430	nmole/L
Total Conc.:	28.1536	ng/uL

DQN:	9.9
Threshold:	300

Smear Analysis	470 bp to 600 bp	12.6272 ng/uL	44.9 %Total	37.6693 nmole/L	552 Avg. Size (bp)	5.02 %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): 45
Marker Peak Width (sec): 5	Marker Min Peak Height: 500	Marker Baseline V to V?: Y	Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU		Upper Marker Selection: Last Peak > 500 RFU	
Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500			
Quantification Using: Upper Marker	Final Concentration (ng/uL): 0.5000		Dilution Factor: 12.0
Size Threshold (b.p.): 300			

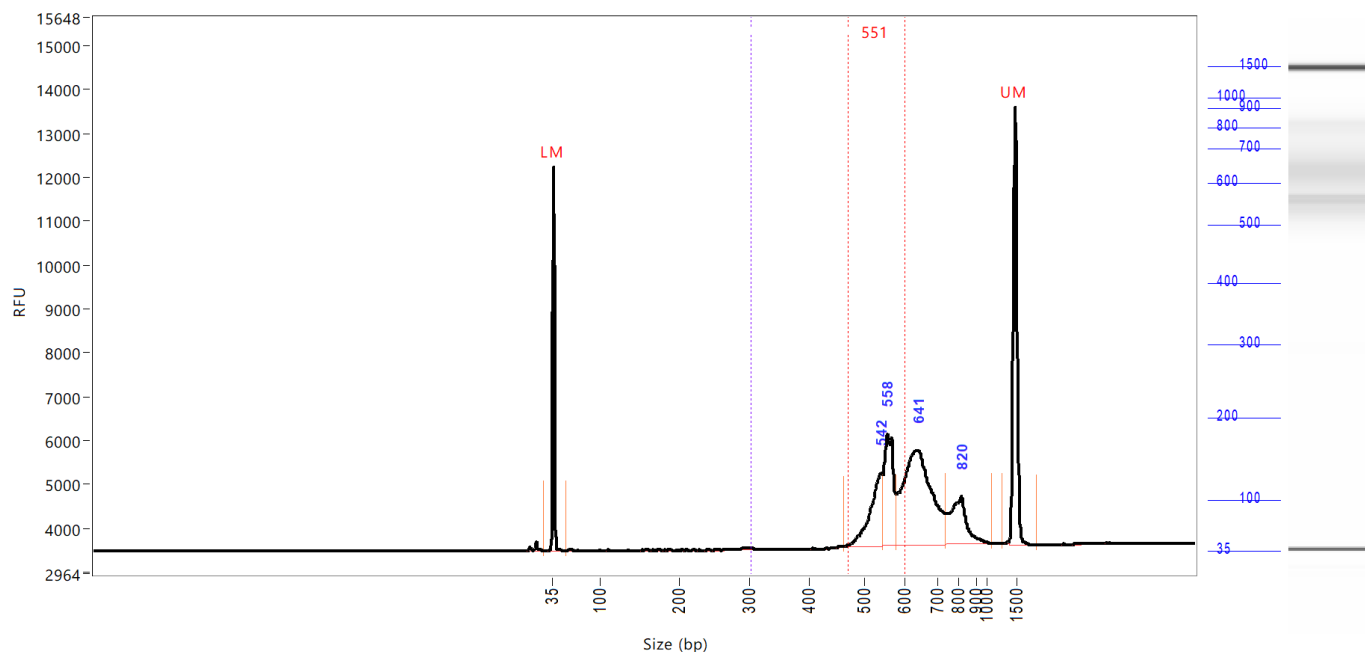
Sample: e1100004445_NW175_C05**Well Location:** C5**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4016	
567	7.6334	55.0
642	7.1709	43.5
893	0.3472	1.5
1500 (UM)	0.5000	

TIC:	15.1516	ng/uL
TIM:	42.0038	nmole/L
Total Conc.:	15.4907	ng/uL
DQN:	9.8	
Threshold:	300	

Smear Analysis 470 bp to 600 bp 8.3860 ng/ul 54.1 %Total 25.1374 nmole/L 549 Avg. Size (bp) 4.73 %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): 45
Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
Size Threshold (b.p.): 300

Sample: e1100004446_NW175_C06**Well Location:** C6**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
--------------	------------------	---------------------------

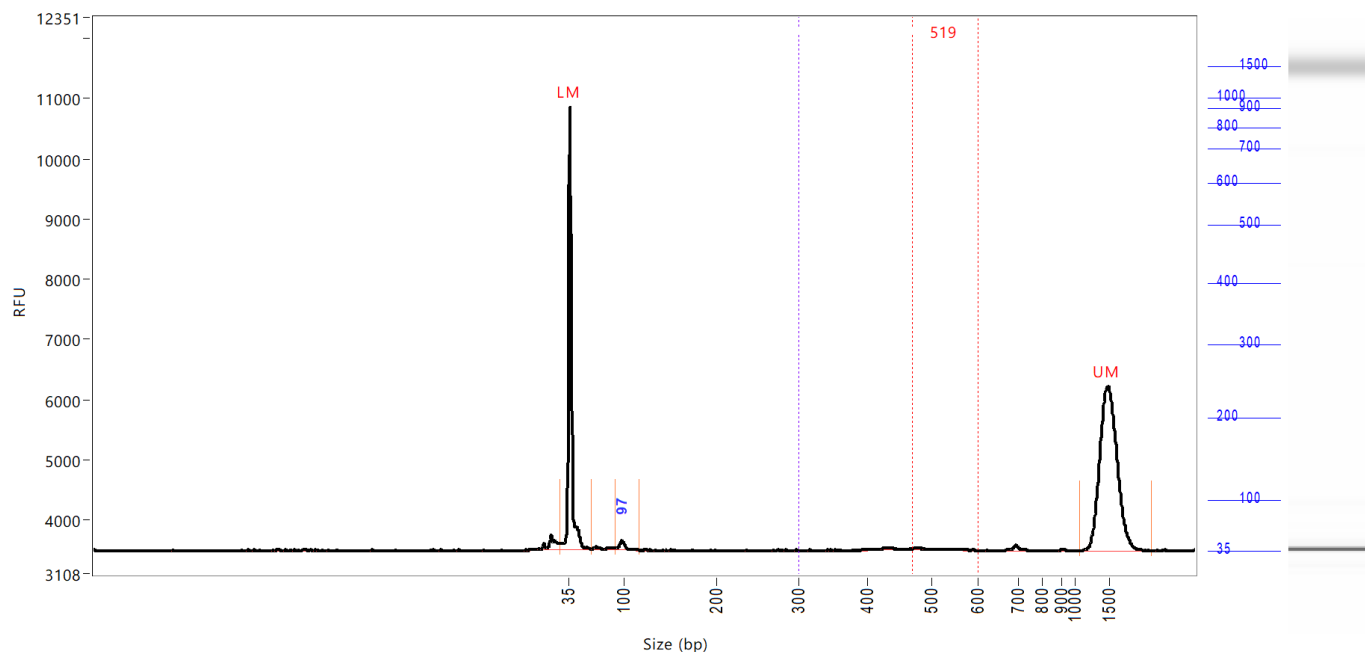
35 (LM)	0.4003	
542	3.5101	19.6
558	4.2106	21.9
641	10.6397	48.3
820	2.7979	10.1
1500 (UM)	0.5000	

TIC:	21.1584	ng/uL
TIM:	56.3390	nmole/L
Total Conc.:	21.3472	ng/uL

DQN:	9.9
Threshold:	300

Smear Analysis	470 bp to 600 bp	9.1552 ng/ul	42.9 %Total	27.3298 nmole/L	551 Avg. Size (bp)	5.14 %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): 45
Marker Peak Width (sec): 5	Marker Min Peak Height: 500	Marker Baseline V to V?: Y	Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU		Upper Marker Selection: Last Peak > 500 RFU	
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500			
Quantification Using: Upper Marker	Final Concentration (ng/uL): 0.5000	Dilution Factor: 12.0	
Size Threshold (b.p.): 300			

Sample: e1100004447_NW175_C07**Well Location:** C7**Created:** Wednesday, June 7, 2023 1:07:38 PM

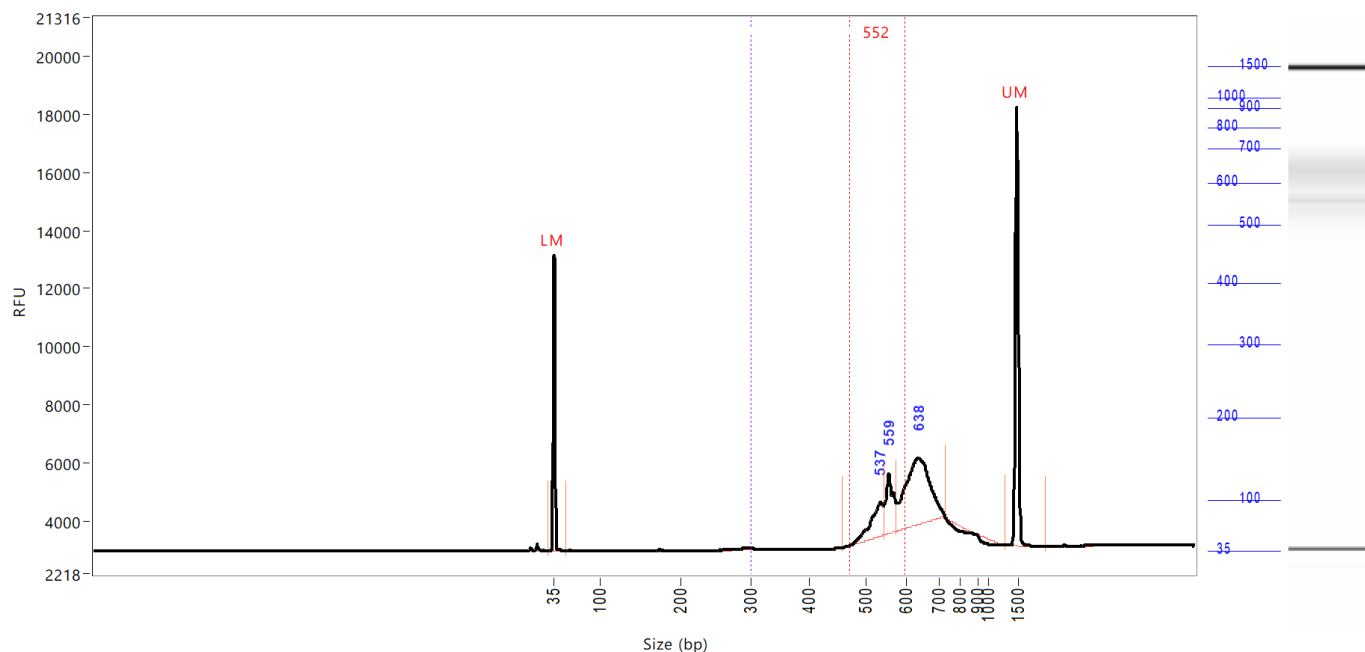
Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.5222	
97	0.2251	100.0
1500 (UM)	0.5000	

TIC: 0.2251 ng/uL
TIM: 3.8108 nmole/L
Total Conc.: 0.7652 ng/uL

DQN: 4.0
Threshold: 300

Smear Analysis 470 bp to 600 bp 0.0561 ng/ul 7.3 %Total 0.1778 nmole/L 519 Avg. Size (bp) 7.86 %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): 45
Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
Size Threshold (b.p.): 300

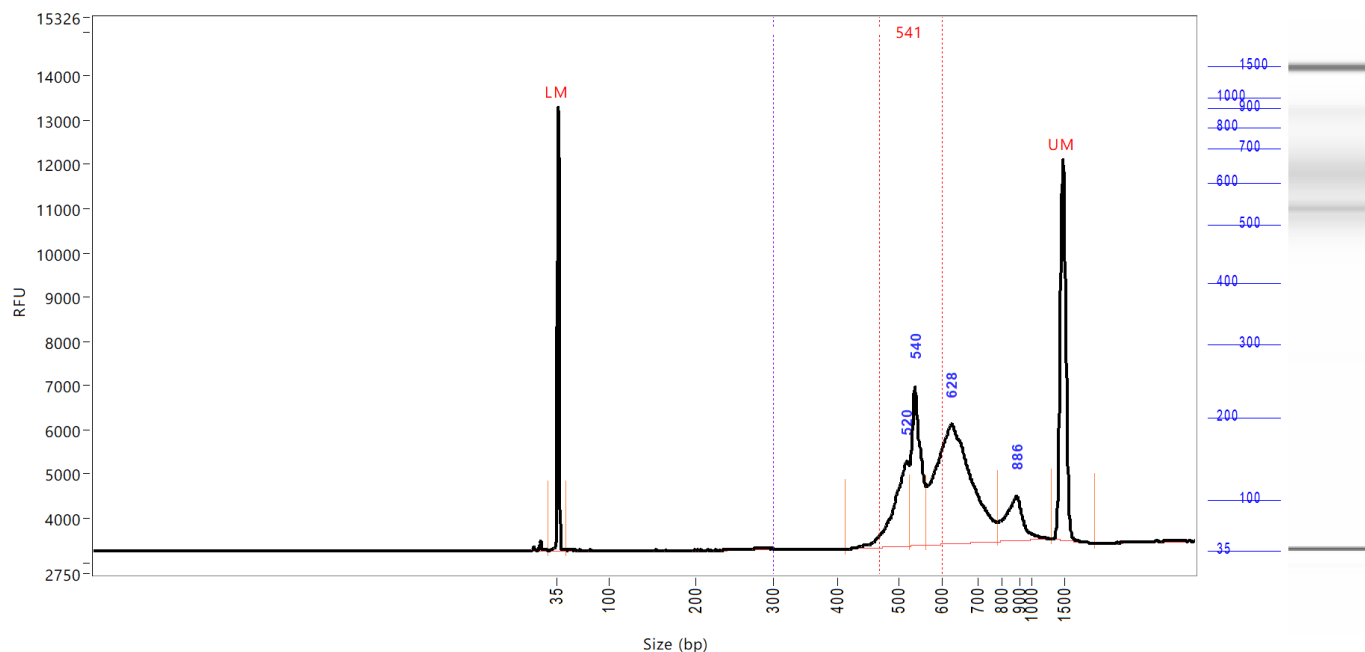
Sample: e1100004448_NW175_C08**Well Location:** C8**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.3995	
537	2.2138	20.0
559	2.3432	19.6
638	8.1490	60.4
1500 (UM)	0.5000	

TIC:	12.7060	ng/uL
TIM:	34.9846	nmole/L
Total Conc.:	12.9934	ng/uL
DQN:	9.8	
Threshold:	300	

Smear Analysis 470 bp to 600 bp 5.7222 ng/ul 44.0 %Total 17.0550 nmole/L 552 Avg. Size (bp) 5.34 %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): 45
Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
Size Threshold (b.p.): 300

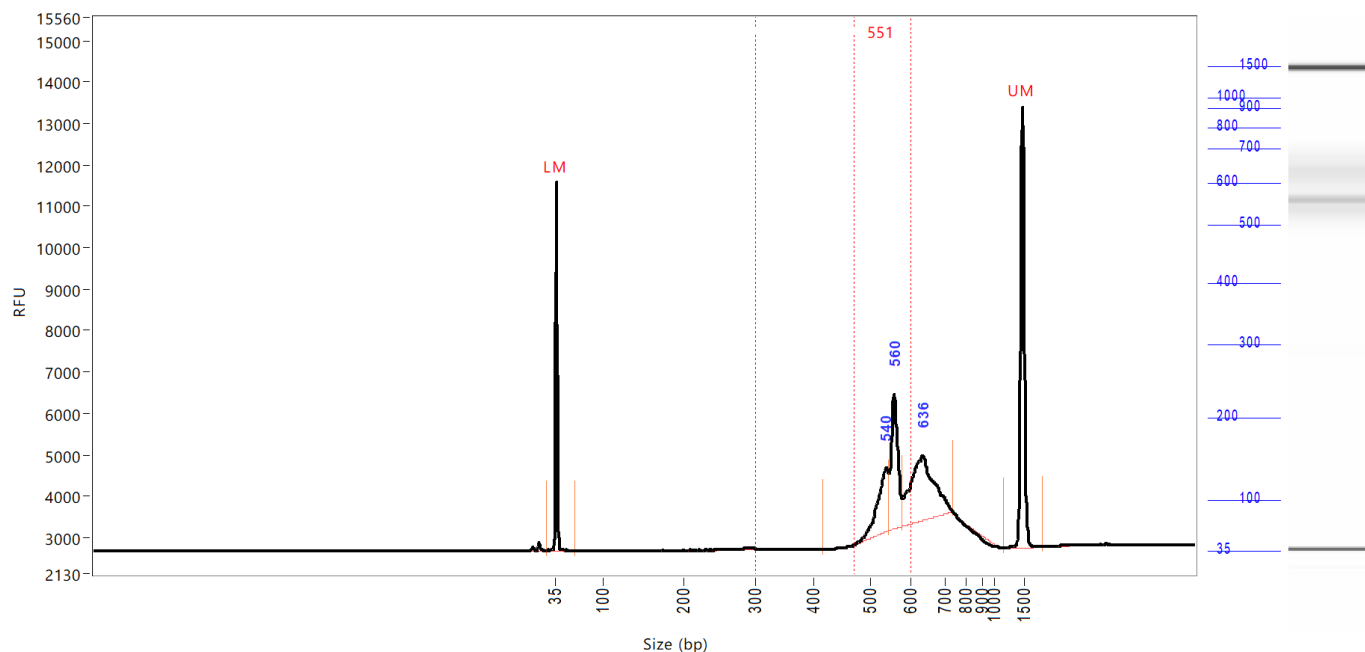
Sample: e1100004449_NW175_C09**Well Location:** C9**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.3989	
520	4.1938	20.6
540	4.9363	22.3
628	13.2374	50.8
886	2.2802	6.4
1500 (UM)	0.5000	

TIC:	24.6478	ng/uL
TIM:	67.0245	nmole/L
Total Conc.:	24.7736	ng/uL
DQN:	9.9	
Threshold:	300	

Smear Analysis 470 bp to 600 bp 11.6044 ng/uL 46.8 %Total 35.3144 nmole/L 541 Avg. Size (bp) 6.10 %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): 45
Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
Size Threshold (b.p.): 300

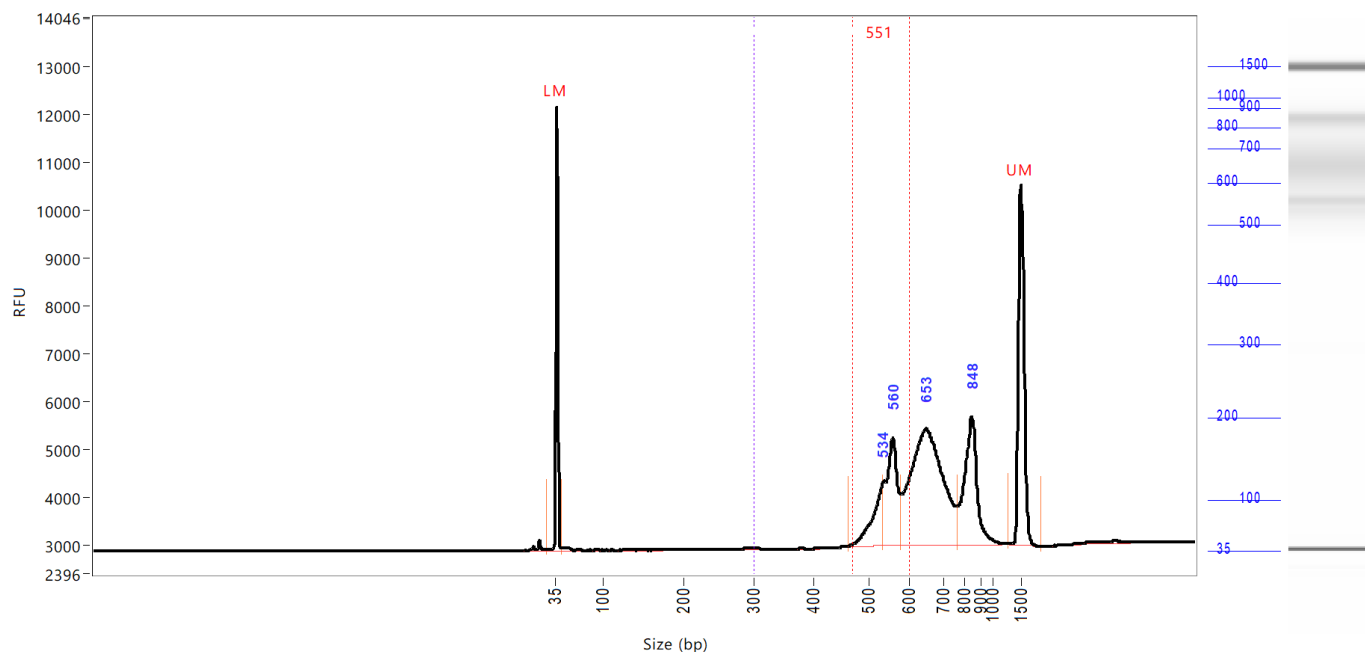
Sample: e1100004450_NW175_C10**Well Location:** C10**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4075	
540	3.0077	25.4
560	3.9523	31.3
636	6.2279	43.4
1500 (UM)	0.5000	

TIC:	13.1880	ng/uL
TIM:	37.0928	nmole/L
Total Conc.:	13.3280	ng/uL
DQN:	9.8	
Threshold:	300	

Smear Analysis 470 bp to 600 bp 7.7476 ng/ul 58.1 %Total 23.1381 nmole/L 551 Avg. Size (bp) 4.50 %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): 45
Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
Size Threshold (b.p.): 300

Sample: e1100004451_NW175_C11**Well Location:** C11**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
-----------	---------------	------------------------

35 (LM)

0.4201

534

2.0970

11.4

560

4.0268

20.2

653

12.1384

51.6

848

5.0838

16.8

1500 (UM)

0.5000

TIC:

23.3460

ng/uL

TIM:

58.9872

nmole/L

Total Conc.:

23.5710

ng/uL

DQN:

9.9

Threshold:

300

Smear Analysis

470 bp to 600 bp

7.3551 ng/ul

31.2 %Total

21.9861 nmole/L

551 Avg. Size (bp)

5.33 %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): 45

Marker Peak Width (sec): 5

Marker Min Peak Height: 500

Marker Baseline V to V?: Y

Marker Baseline V to V pts: 3

Lower Marker Selection: First Peak > 6000 RFU

Upper Marker Selection: Last Peak > 500 RFU

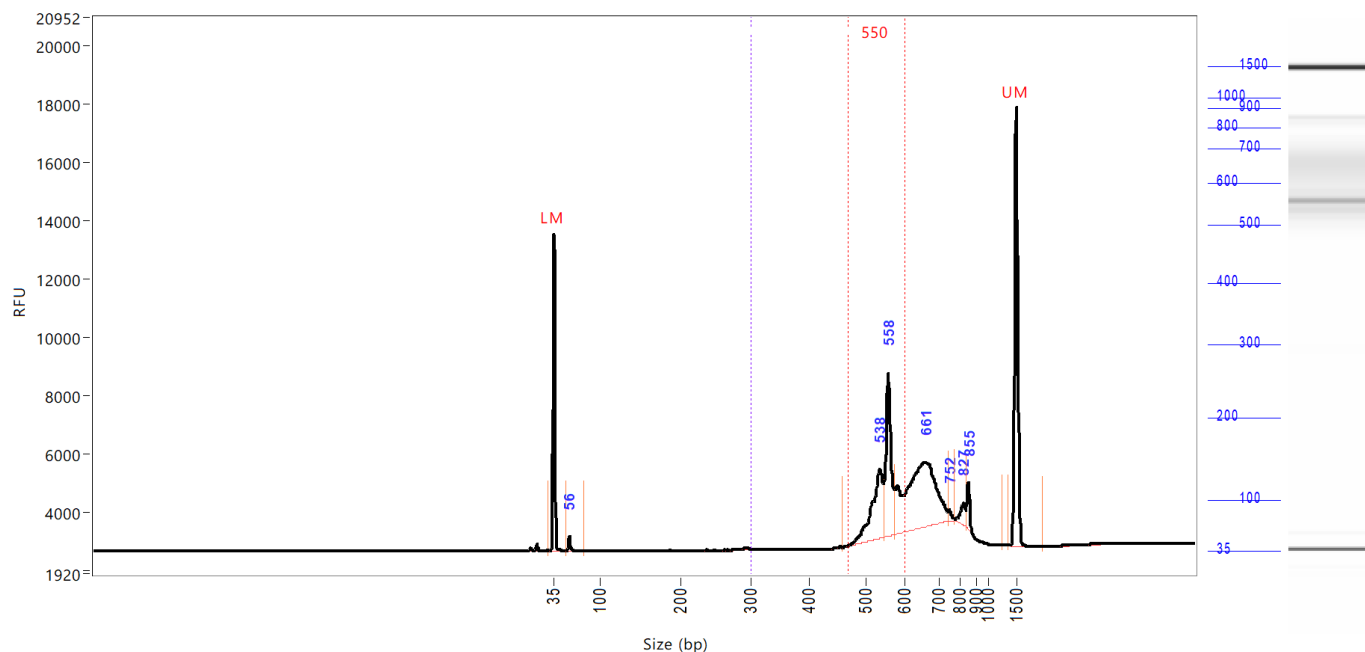
Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500

Quantification Using: Upper Marker

Final Concentration (ng/uL): 0.5000

Dilution Factor: 12.0

Size Threshold (b.p.): 300

Sample: e1100004452_NW175_C12**Well Location:** C12**Created:** Wednesday, June 7, 2023 1:07:38 PM

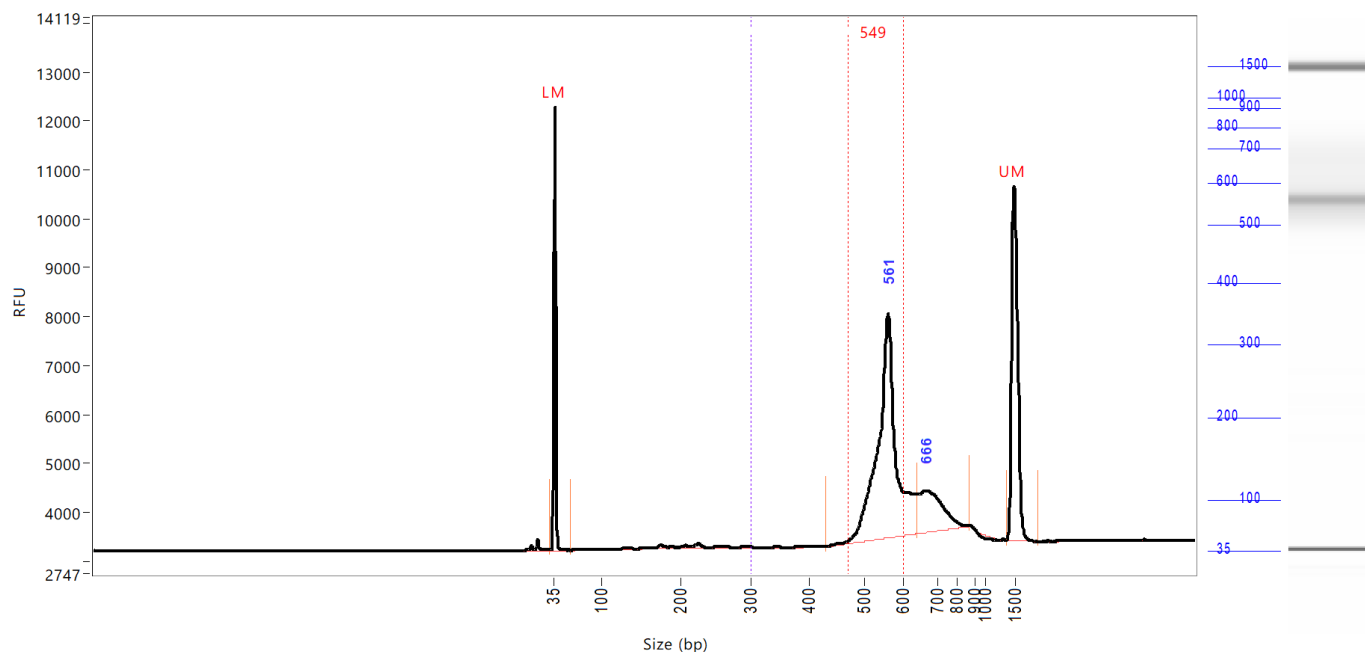
Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
-----------	---------------	------------------------

35 (LM)	0.4030	
56	0.2412	11.9
538	3.8424	20.3
558	4.4220	21.9
661	9.6262	41.5
752	0.1849	0.7
827	0.4875	1.7
855	0.6400	2.1
1500 (UM)	0.5000	

TIC:	19.4440	ng/uL
TIM:	59.3735	nmole/L
Total Conc.:	19.5098	ng/uL
DQN:	9.8	
Threshold:	300	

Smear Analysis	470 bp to 600 bp	9.8621 ng/uL	50.5 %Total	29.4911 nmole/L	550 Avg. Size (bp)	4.77 %CV
----------------	------------------	--------------	-------------	-----------------	--------------------	----------

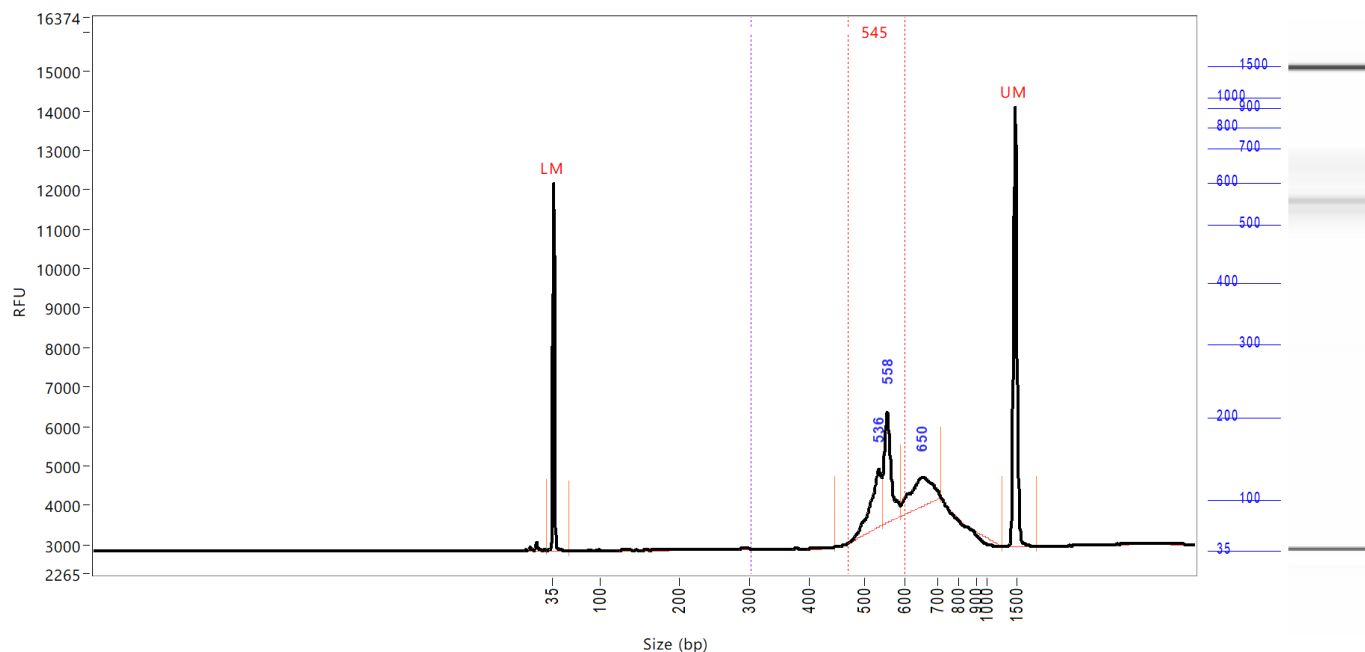
Sample Peak Width (sec): 5	Sample Min Peak Height: 100	Sample Baseline V to V?: Y	Sample Baseline V to V pts: 3
Sample Filter: Binomial	# of Pts for Filter: 3	Sample Start Region (min): 0	Sample End Region (min): 45
Marker Peak Width (sec): 5	Marker Min Peak Height: 500	Marker Baseline V to V?: Y	Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU		Upper Marker Selection: Last Peak > 500 RFU	
Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500			
Quantification Using: Upper Marker	Final Concentration (ng/uL): 0.5000		Dilution Factor: 12.0
Size Threshold (b.p.): 300			

Sample: e1100004453_NW175_D01**Well Location:** D1**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4100	
561	13.0119	84.3
666	3.0169	15.7
1500 (UM)	0.5000	
TIC:	16.0287	ng/uL
TIM:	45.5962	nmole/L
Total Conc.:	16.6722	ng/uL
DQN:	9.7	
Threshold:	300	

Smear Analysis 470 bp to 600 bp 11.3860 ng/uL 68.3 %Total 34.0976 nmole/L 549 Avg. Size (bp) 4.74 %CV

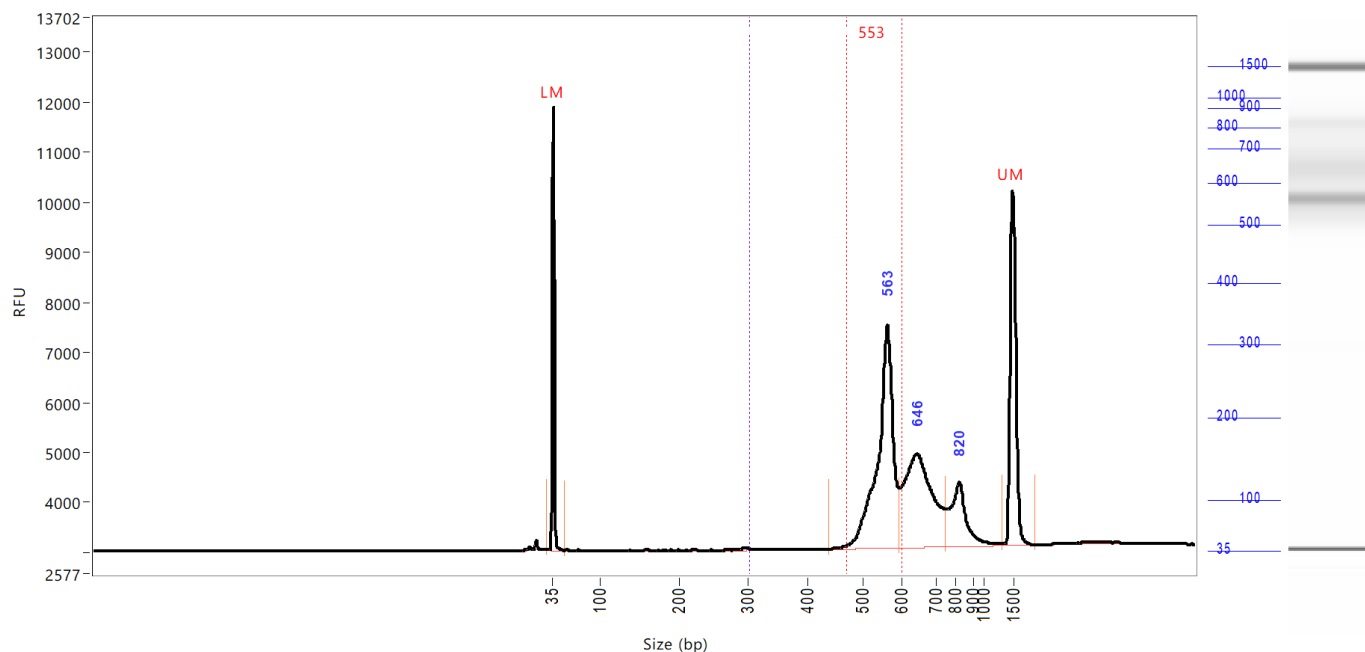
Sample Peak Width (sec): 5 Sample Min Peak Height: 100 Sample Baseline V to V?: Y Sample Baseline V to V pts: 3
Sample Filter: Binomial # of Pts for Filter: 3 Sample Start Region (min): 0 Sample End Region (min): 45
Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
Size Threshold (b.p.): 300

Sample: e1100004454_NW175_D02**Well Location:** D2**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4234	
536	2.8160	33.5
558	3.5630	39.5
650	2.7990	27.0
1500 (UM)	0.5000	
TIC: 9.1780 ng/uL		
TIM: 26.4421 nmole/L		
Total Conc.: 9.4173 ng/uL		
DQN: 9.7		
Threshold: 300		

Smear Analysis 470 bp to 600 bp 6.4586 ng/ul 68.6 %Total 19.5141 nmole/L 545 Avg. Size (bp) 4.49 %CV

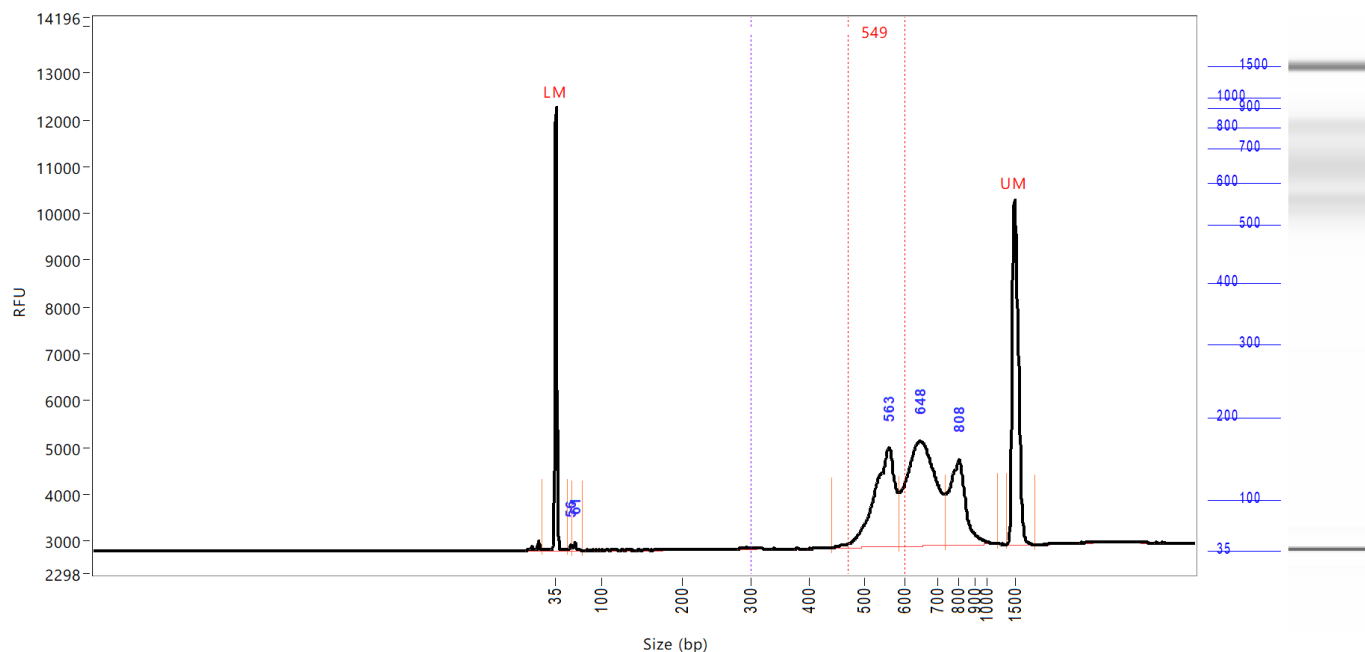
Sample Peak Width (sec): 5 Sample Min Peak Height: 100 Sample Baseline V to V?: Y Sample Baseline V to V pts: 3
Sample Filter: Binomial # of Pts for Filter: 3 Sample Start Region (min): 0 Sample End Region (min): 45
Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
Size Threshold (b.p.): 300

Sample: e1100004455_NW175_D03**Well Location:** D3**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4144	
563	11.4136	55.5
646	8.3532	34.2
820	3.1914	10.3
1500 (UM)	0.5000	
TIC: 22.9581 ng/uL		
TIM: 61.4031 nmole/L		
Total Conc.: 23.1855 ng/uL		
DQN: 9.9		
Threshold: 300		

Smear Analysis 470 bp to 600 bp 11.6970 ng/uL 50.4 %Total 34.8323 nmole/L 553 Avg. Size (bp) 4.79 %CV

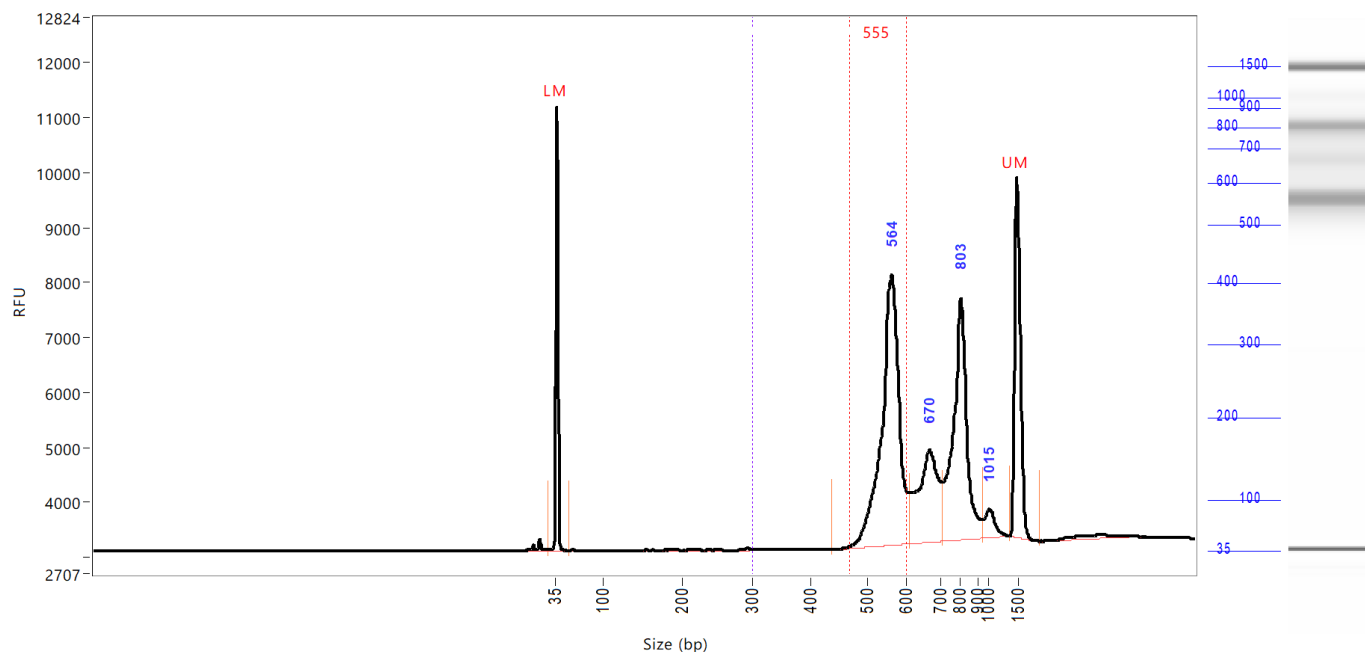
Sample Peak Width (sec): 5 Sample Min Peak Height: 100 Sample Baseline V to V?: Y Sample Baseline V to V pts: 3
Sample Filter: Binomial # of Pts for Filter: 3 Sample Start Region (min): 0 Sample End Region (min): 45
Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
Size Threshold (b.p.): 300

Sample: e1100004456_NW175_D04**Well Location:** D4**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4235	
56	0.0732	3.6
61	0.1151	5.2
563	6.8508	35.1
648	9.6979	41.3
808	4.2566	14.7
1500 (UM)	0.5000	
TIC: 20.9937 ng/uL		
TIM: 59.1415 nmole/L		
Total Conc.: 21.0796 ng/uL		
DQN: 9.8		
Threshold: 300		

Smear Analysis 470 bp to 600 bp 7.5247 ng/ul 35.7 %Total 22.5470 nmole/L 549 Avg. Size (bp) 5.42 %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): 45
Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
Size Threshold (b.p.): 300

Sample: e1100004457_NW175_D05**Well Location:** D5**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
-----------	---------------	------------------------

35 (LM)

0.4601

564

15.7500

55.6

670

6.0221

17.9

803

10.0810

24.8

1015

0.9168

1.7

1500 (UM)

0.5000

TIC:

32.7700

ng/uL

TIM:

83.8471

nmole/L

Total Conc.:

33.0190

ng/uL

DQN:

9.9

Threshold:

300

Smear Analysis

470 bp to 600 bp

15.3139 ng/uL

46.4 %Total

45.4458 nmole/L

555 Avg. Size (bp)

4.44 %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): 45

Marker Peak Width (sec): 5

Marker Min Peak Height: 500

Marker Baseline V to V?: Y

Marker Baseline V to V pts: 3

Lower Marker Selection: First Peak > 6000 RFU

Upper Marker Selection: Last Peak > 500 RFU

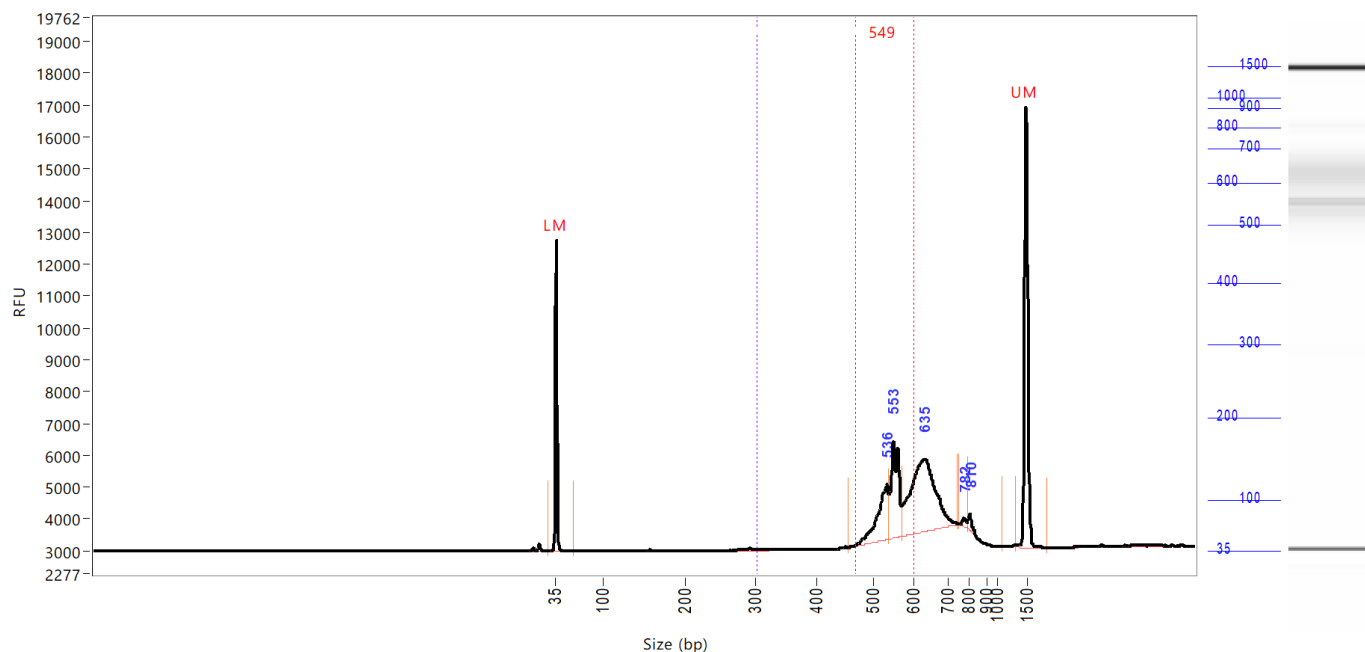
Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500

Quantification Using: Upper Marker

Final Concentration (ng/uL): 0.5000

Dilution Factor: 12.0

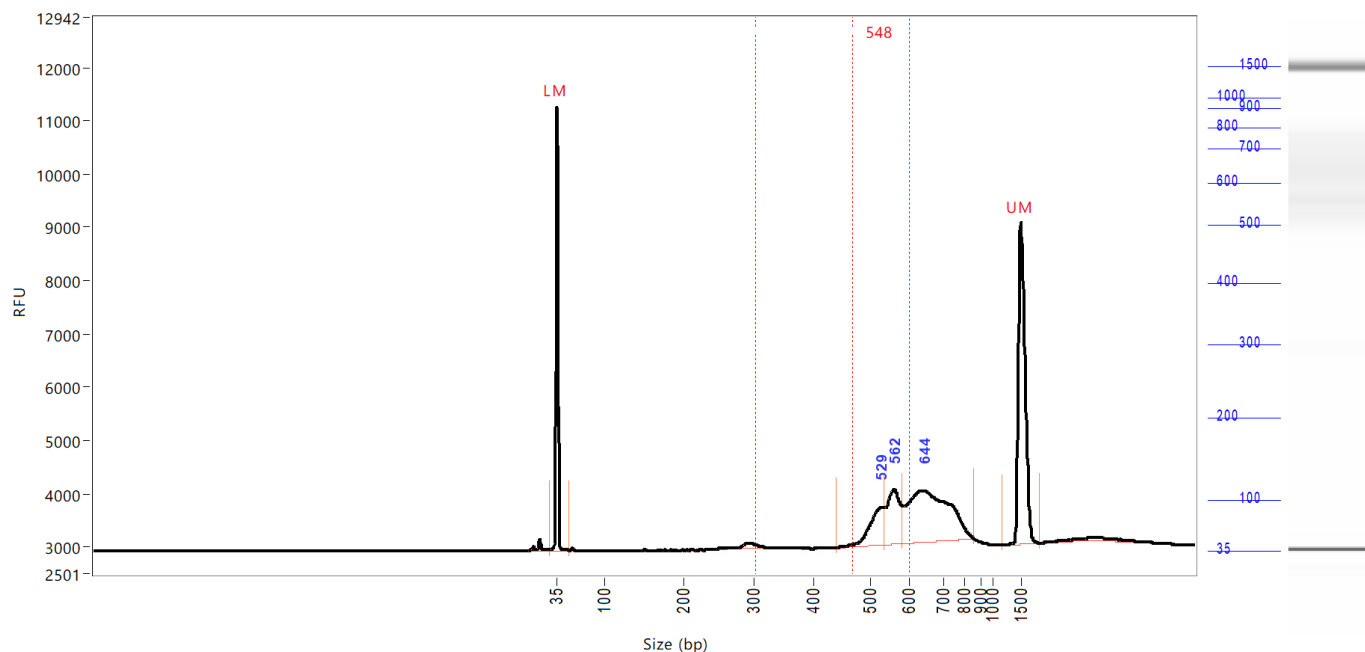
Size Threshold (b.p.): 300

Sample: e1100004458_NW175_D06**Well Location:** D6**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.3915	
536	3.0245	22.7
553	3.3575	23.5
635	8.3716	51.7
782	0.1548	0.8
810	0.2828	1.4
1500 (UM)	0.5000	
TIC: 15.1912 ng/uL		
TIM: 42.3287 nmole/L		
Total Conc.: 15.4303 ng/uL		
DQN: 9.9		
Threshold: 300		

Smear Analysis 470 bp to 600 bp 8.0431 ng/ul 52.1 %Total 24.1170 nmole/L 549 Avg. Size (bp) 5.26 %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): 45
Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
Size Threshold (b.p.): 300

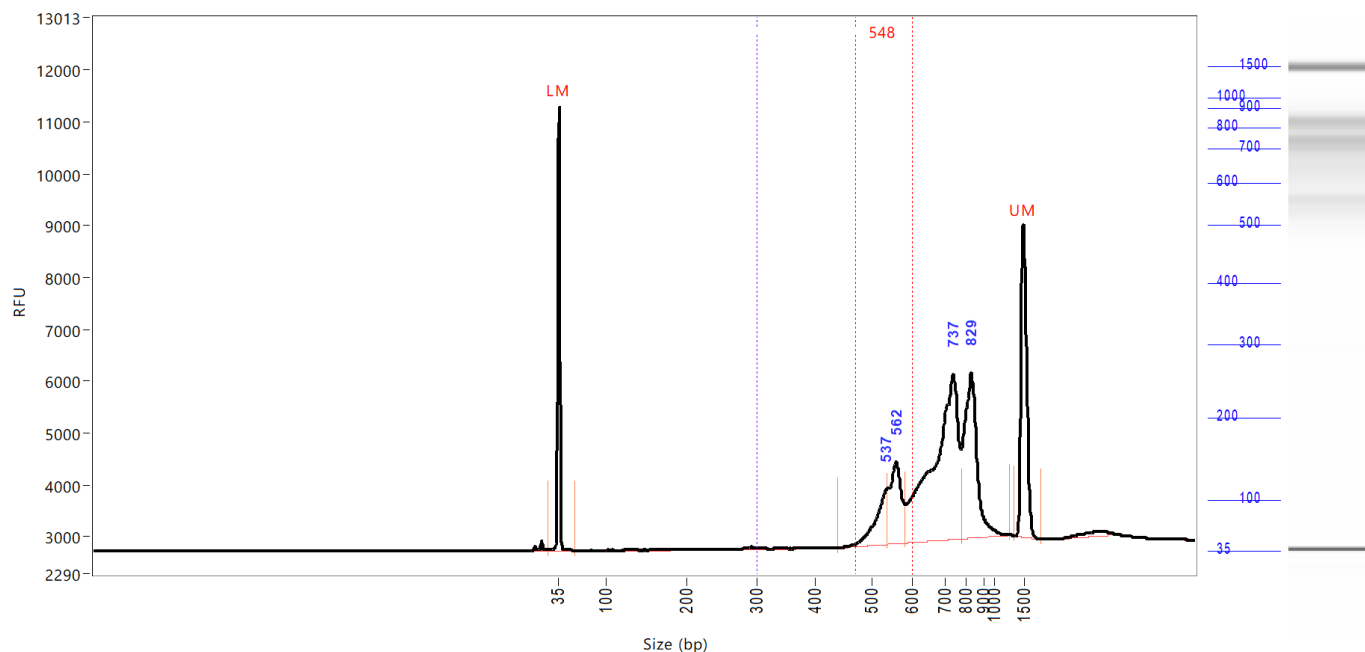
Sample: e1100004459_NW175_D07**Well Location:** D7**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4228	
529	1.7772	19.6
562	2.4024	24.3
644	6.6156	56.1
1500 (UM)	0.5000	

TIC:	10.7952	ng/uL
TIM:	29.0698	nmole/L
Total Conc.:	11.1946	ng/uL
DQN:	9.7	
Threshold:	300	

Smear Analysis 470 bp to 600 bp 4.7782 ng/ul 42.7 %Total 14.3480 nmole/L 548 Avg. Size (bp) 5.67 %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): 45
 Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
 Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
 Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
 Size Threshold (b.p.): 300

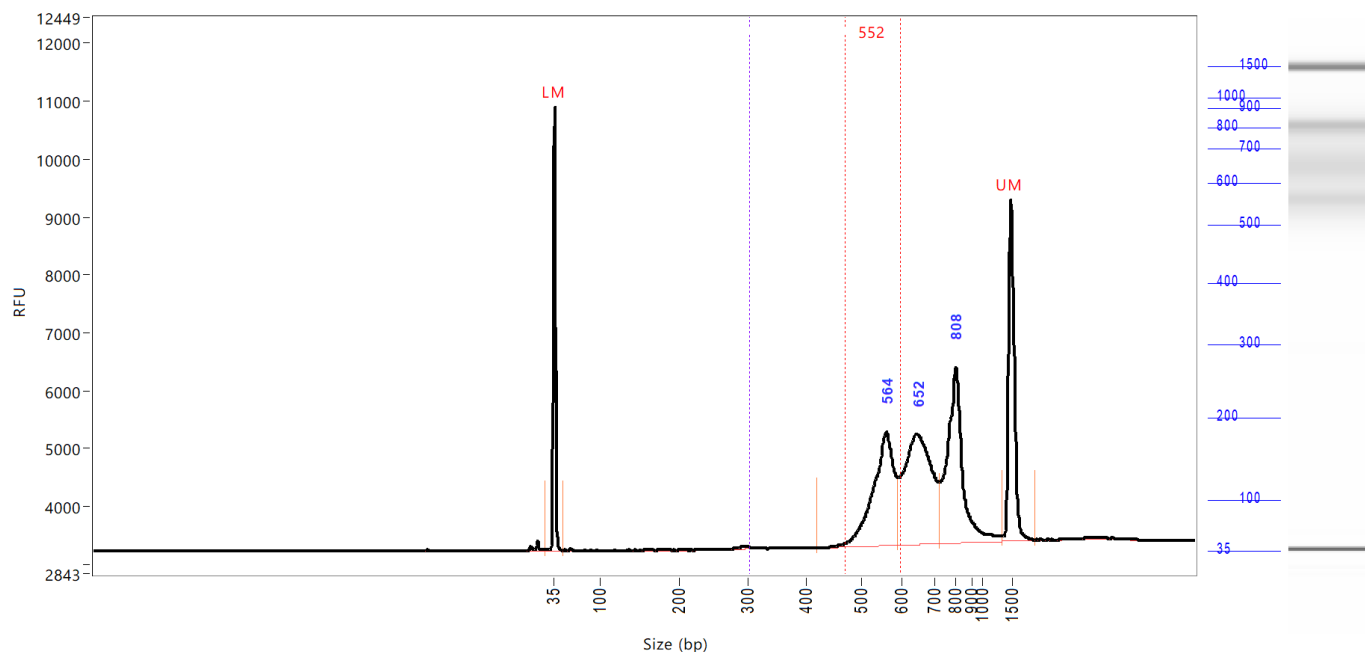
Sample: e1100004460_NW175_D08**Well Location:** D8**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.5239	
537	2.3950	10.8
562	3.9700	16.4
737	15.3238	51.6
829	7.5941	21.1
1500 (UM)	0.5000	

TIC:	29.2828	ng/uL
TIM:	70.9931	nmole/L
Total Conc.:	29.4308	ng/uL
DQN:	9.9	
Threshold:	300	

Smear Analysis 470 bp to 600 bp 7.0034 ng/ul 23.8 %Total 21.0117 nmole/L 548 Avg. Size (bp) 5.40 %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): 45
Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
Size Threshold (b.p.): 300

Sample: e1100004461_NW175_D09**Well Location:** D9**Created:** Wednesday, June 7, 2023 1:07:38 PM

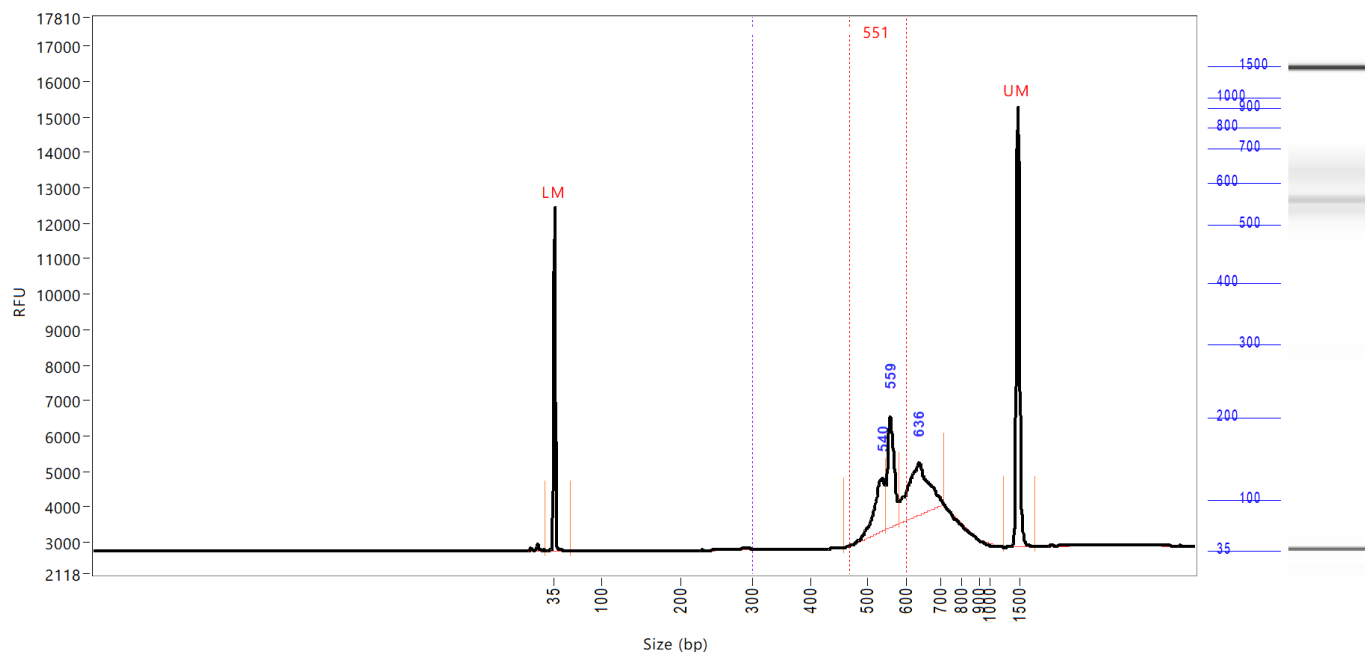
Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4950	
564	8.5811	36.8
652	10.4867	37.8
808	8.8248	25.3
1500 (UM)	0.5000	

TIC:	27.8926	ng/uL
TIM:	69.8409	nmole/L
Total Conc.:	28.1288	ng/uL

DQN:	9.9
Threshold:	300

Smear Analysis 470 bp to 600 bp 8.9954 ng/ul 32.0 %Total 26.8070 nmole/L 552 Avg. Size (bp) 5.32 %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): 45
Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
Size Threshold (b.p.): 300

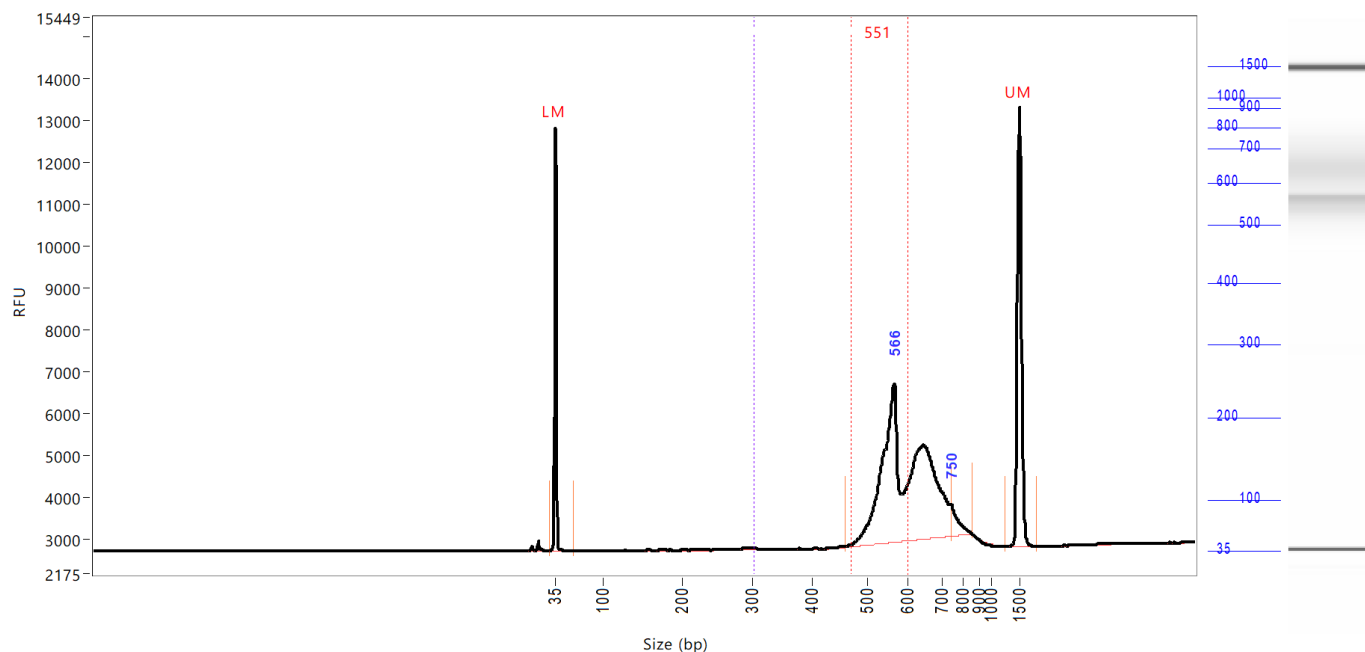
Sample: e1100004462_NW175_D10**Well Location:** D10**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4282	
540	2.7991	27.1
559	3.5204	31.9
636	5.1047	41.0
1500 (UM)	0.5000	

TIC:	11.4243	ng/uL
TIM:	32.2988	nmole/L
Total Conc.:	11.5422	ng/uL
DQN:	9.8	
Threshold:	300	

Smear Analysis 470 bp to 600 bp 6.9884 ng/ul 60.5 %Total 20.8716 nmole/L 551 Avg. Size (bp) 4.36 %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): 45
 Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
 Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
 Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
 Size Threshold (b.p.): 300

Sample: e1100004463_NW175_D11**Well Location:** D11**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4168	
566	18.8340	97.2
750	0.6917	2.8
1500 (UM)	0.5000	

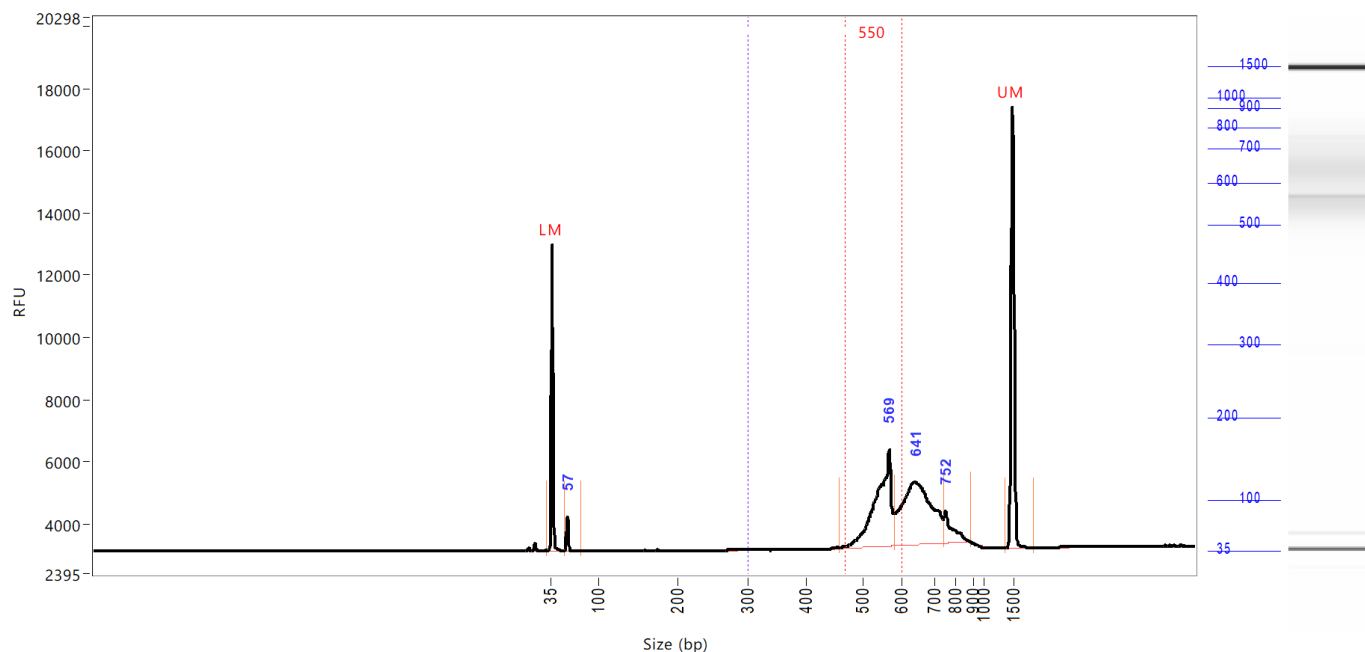
TIC:	19.5257	ng/uL
TIM:	53.1184	nmole/L
Total Conc.:	19.8184	ng/uL

DQN:	9.9
Threshold:	300

Smear Analysis 470 bp to 600 bp 9.9922 ng/ul 50.4 %Total 29.8680 nmole/L 551 Avg. Size (bp) 4.86 %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): 45
Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
Size Threshold (b.p.): 300

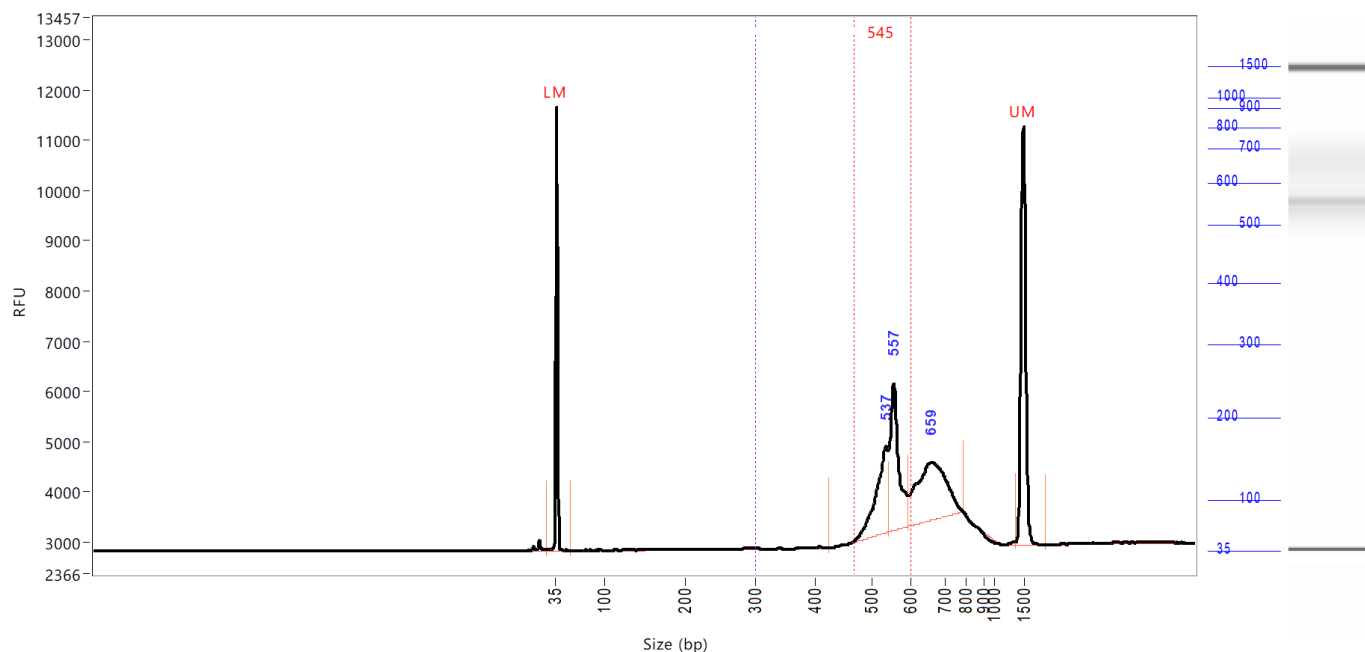
Created: Wednesday, June 7, 2023 1:07:38 PM



Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)	
35 (LM)	0.3981		
57	0.5418	25.4	
569	7.0049	34.0	
641	8.9529	36.4	
752	1.2628	4.3	
1500 (UM)	0.5000		
	TIC:	17.7623	ng/uL
	TIM:	62.4892	nmole/L
	Total Conc.:	17.9697	ng/uL
	DQN:	9.6	
	Threshold:	300	

Smear Analysis	470 bp to 600 bp	8.0514 ng/ul	44.8 %Total	24.0871 nmole/L	550 Avg. Size (bp)	5.12 %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): 45
Marker Peak Width (sec): 5	Marker Min Peak Height: 500	Marker Baseline V to V?: Y	Marker Baseline V to V pts: 3
Lower Marker Selection: First	Peak > 6000 RFU	Upper Marker Selection: Last	Peak > 500 RFU
Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500			
Quantification Using: Upper Marker	Final Concentration (ng/uL): 0.5000		Dilution Factor: 12.0
Size Threshold (b.p.): 300			

Sample: e1100004465_NW175_E01**Well Location:** E1**Created:** Wednesday, June 7, 2023 1:07:38 PM

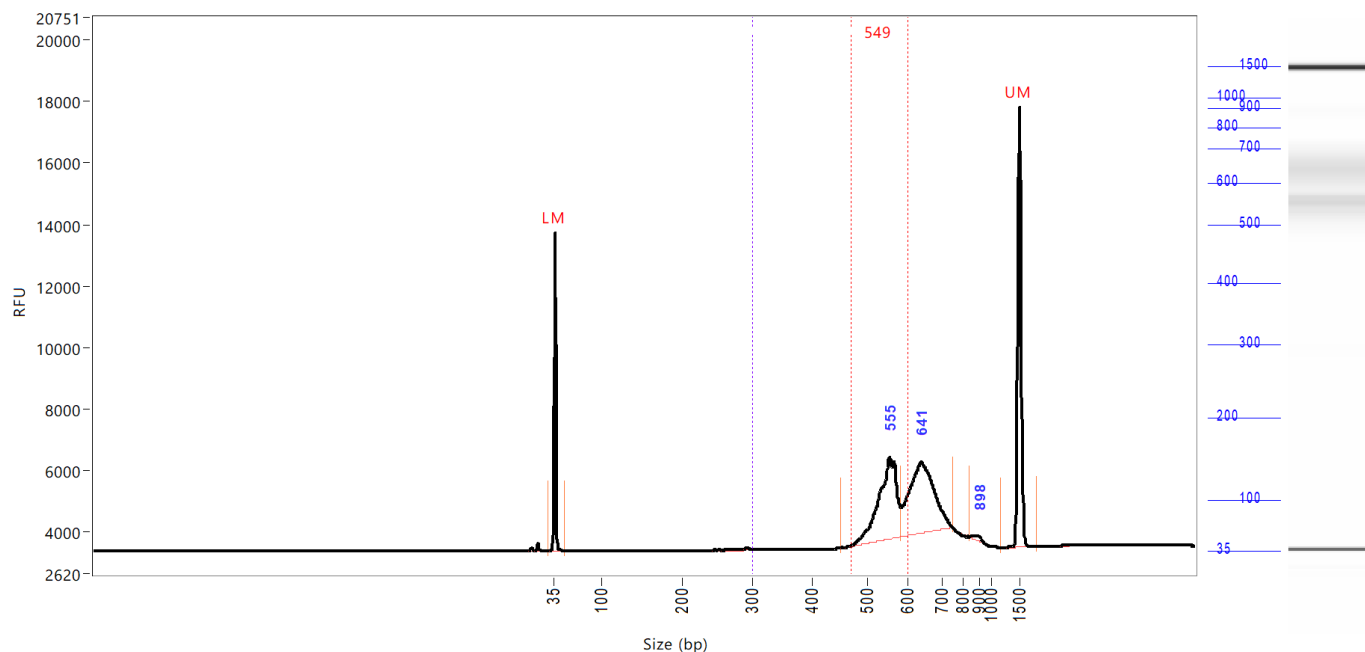
Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4110	
537	3.5479	28.9
557	4.5986	34.6
659	5.6906	36.5
1500 (UM)	0.5000	

TIC:	13.8371	ng/uL
TIM:	38.8820	nmole/L
Total Conc.:	14.0639	ng/uL

DQN:	9.8
Threshold:	300

Smear Analysis 470 bp to 600 bp 8.2452 ng/ul 58.6 %Total 24.9095 nmole/L 545 Avg. Size (bp) 4.92 %CV

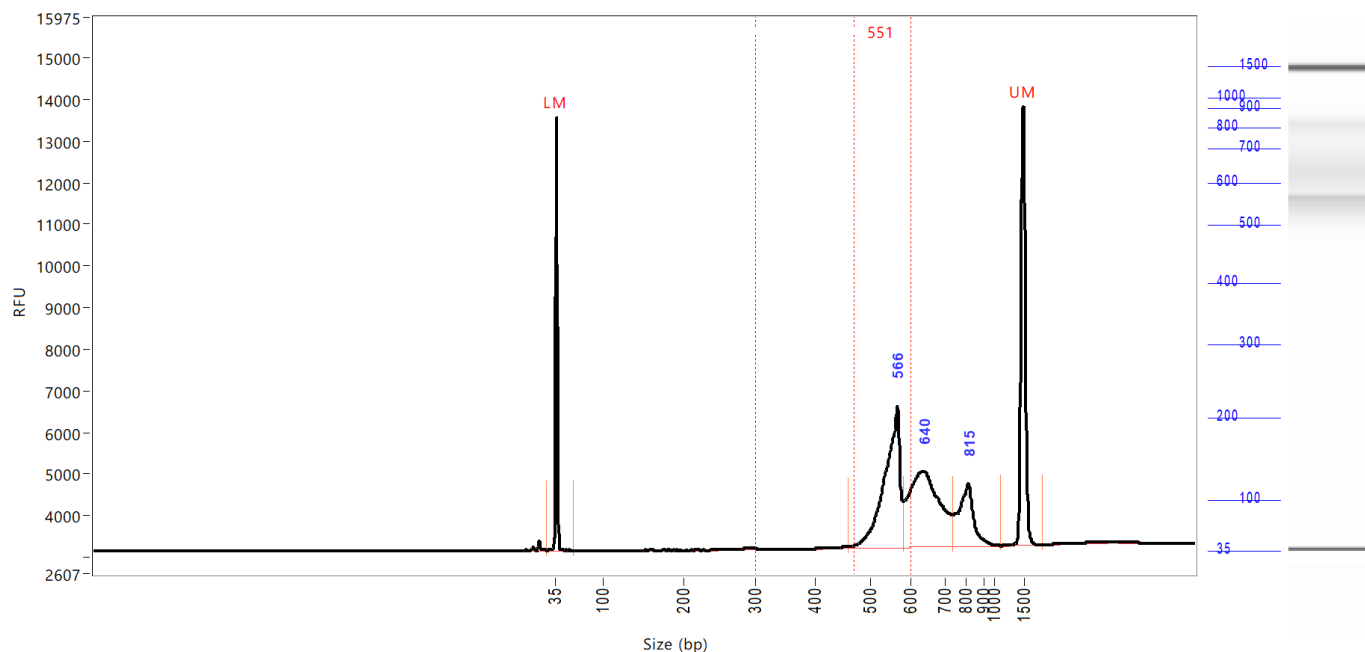
Sample Peak Width (sec): 5 Sample Min Peak Height: 100 Sample Baseline V to V?: Y Sample Baseline V to V pts: 3
 Sample Filter: Binomial # of Pts for Filter: 3 Sample Start Region (min): 0 Sample End Region (min): 45
 Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
 Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
 Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
 Size Threshold (b.p.): 300

Sample: e1100004466_NW175_E02**Well Location:** E2**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.3851	
555	6.7165	50.3
641	7.7063	48.9
898	0.1717	0.8
1500 (UM)	0.5000	
TIC:	14.5945	ng/uL
TIM:	40.3886	nmole/L
Total Conc.:	14.8481	ng/uL
DQN:	9.8	
Threshold:	300	

Smear Analysis 470 bp to 600 bp 7.4880 ng/ul 50.4 %Total 22.4401 nmole/L 549 Avg. Size (bp) 5.00 %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): 45
Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
Size Threshold (b.p.): 300

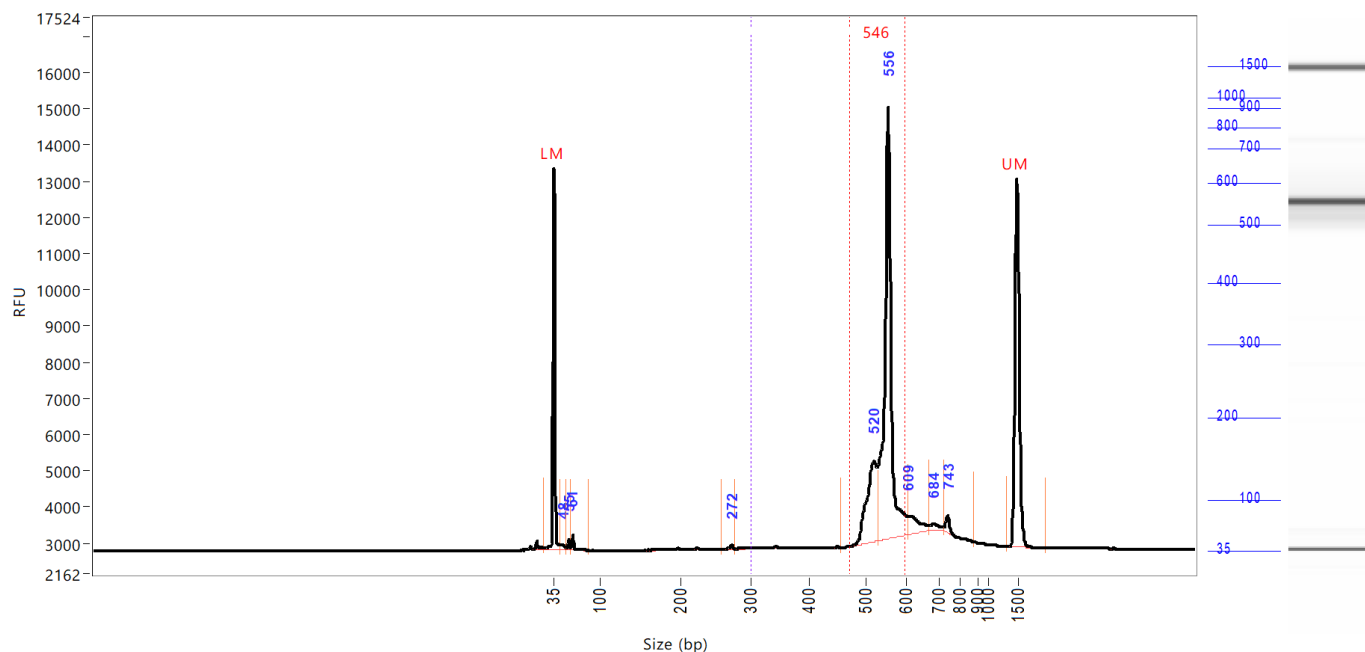
Sample: e1100004467_NW175_E03**Well Location:** E3**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4096	
566	7.7433	46.6
640	7.9835	40.7
815	3.1308	12.8
1500 (UM)	0.5000	

TIC:	18.8577	ng/uL
TIM:	50.2653	nmole/L
Total Conc.:	19.1236	ng/uL
DQN:	9.9	
Threshold:	300	

Smear Analysis 470 bp to 600 bp 8.8336 ng/ul 46.2 %Total 26.4033 nmole/L 551 Avg. Size (bp) 4.96 %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): 45
Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
Size Threshold (b.p.): 300

Sample: e1100004468_NW175_E04**Well Location:** E4**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
-----------	---------------	------------------------

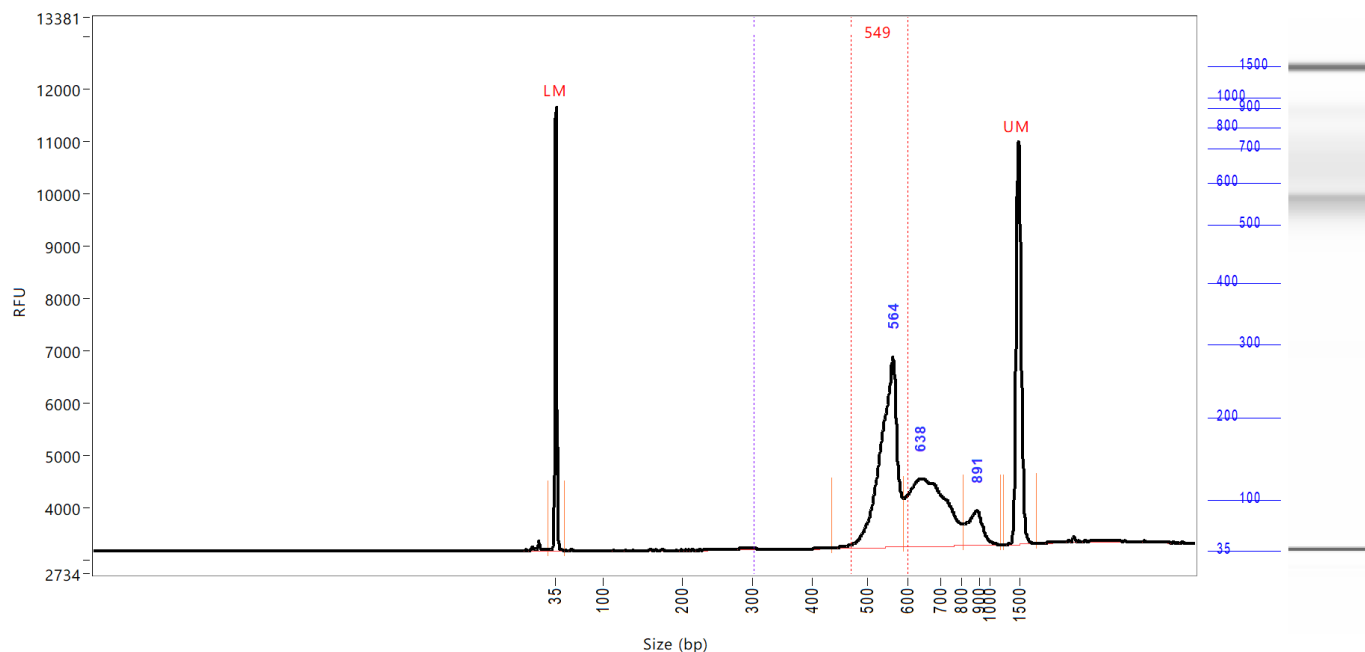
35 (LM)	0.4375	
48	0.1505	7.7
55	0.1669	7.3
61	0.2116	8.4
272	0.0800	0.7
520	3.6602	17.3
556	12.3426	53.6
609	0.8073	3.1
684	0.2494	0.9
743	0.3010	1.0
1500 (UM)	0.5000	

TIC:	17.9694	ng/uL
TIM:	67.9809	nmole/L
Total Conc.:	18.1678	ng/uL

DQN:	9.6
Threshold:	300

Smear Analysis	470 bp to 600 bp	15.6690 ng/uL	86.2 %Total	47.2267 nmole/L	546 Avg. Size (bp)	4.07 %CV
----------------	------------------	---------------	-------------	-----------------	--------------------	----------

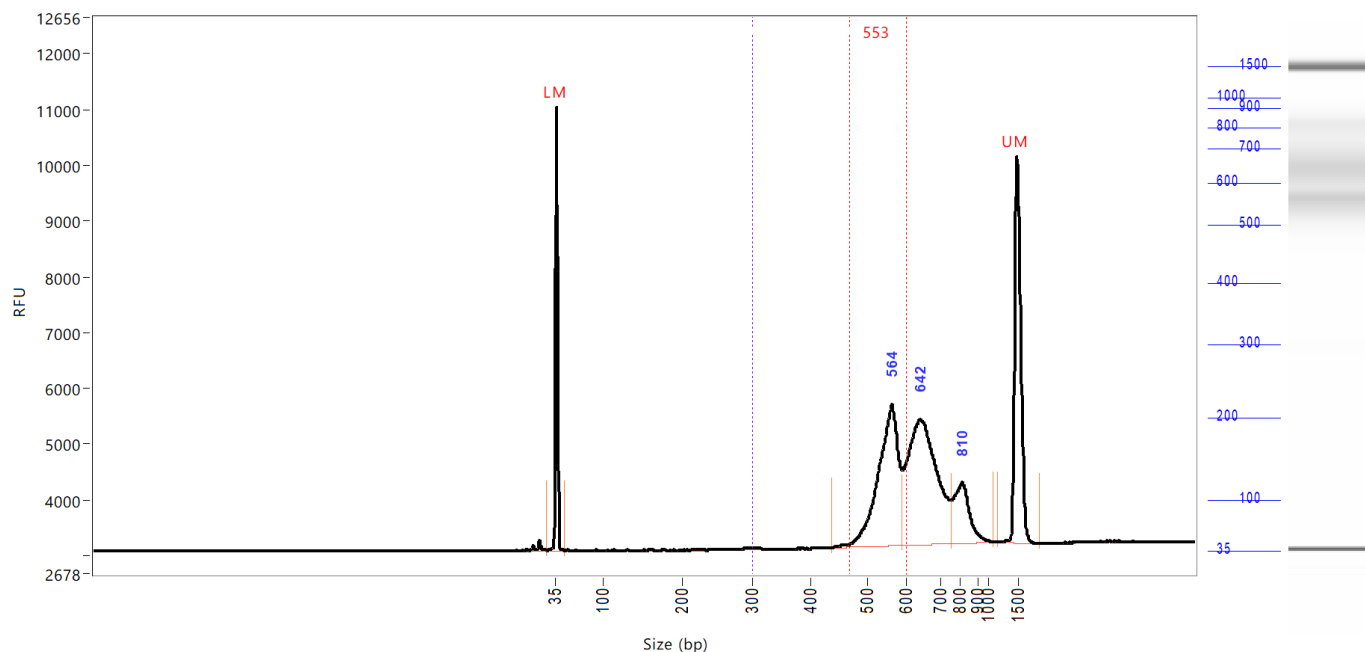
Sample Peak Width (sec): 5	Sample Min Peak Height: 100	Sample Baseline V to V?: Y	Sample Baseline V to V pts: 3
Sample Filter: Binomial	# of Pts for Filter: 3	Sample Start Region (min): 0	Sample End Region (min): 45
Marker Peak Width (sec): 5	Marker Min Peak Height: 500	Marker Baseline V to V?: Y	Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU		Upper Marker Selection: Last Peak > 500 RFU	
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500			
Quantification Using: Upper Marker	Final Concentration (ng/uL): 0.5000		Dilution Factor: 12.0
Size Threshold (b.p.): 300			

Sample: e1100004469_NW175_E05**Well Location:** E5**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4221	
564	10.9209	58.0
638	8.4408	36.6
891	1.6344	5.4
1500 (UM)	0.5000	
TIC: 20.9961 ng/uL		
TIM: 56.6030 nmole/L		
Total Conc.: 21.2858 ng/uL		
DQN: 9.9		
Threshold: 300		

Smear Analysis 470 bp to 600 bp 11.3005 ng/uL 53.1 %Total 33.8441 nmole/L 549 Avg. Size (bp) 4.70 %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): 45
 Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
 Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
 Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
 Size Threshold (b.p.): 300

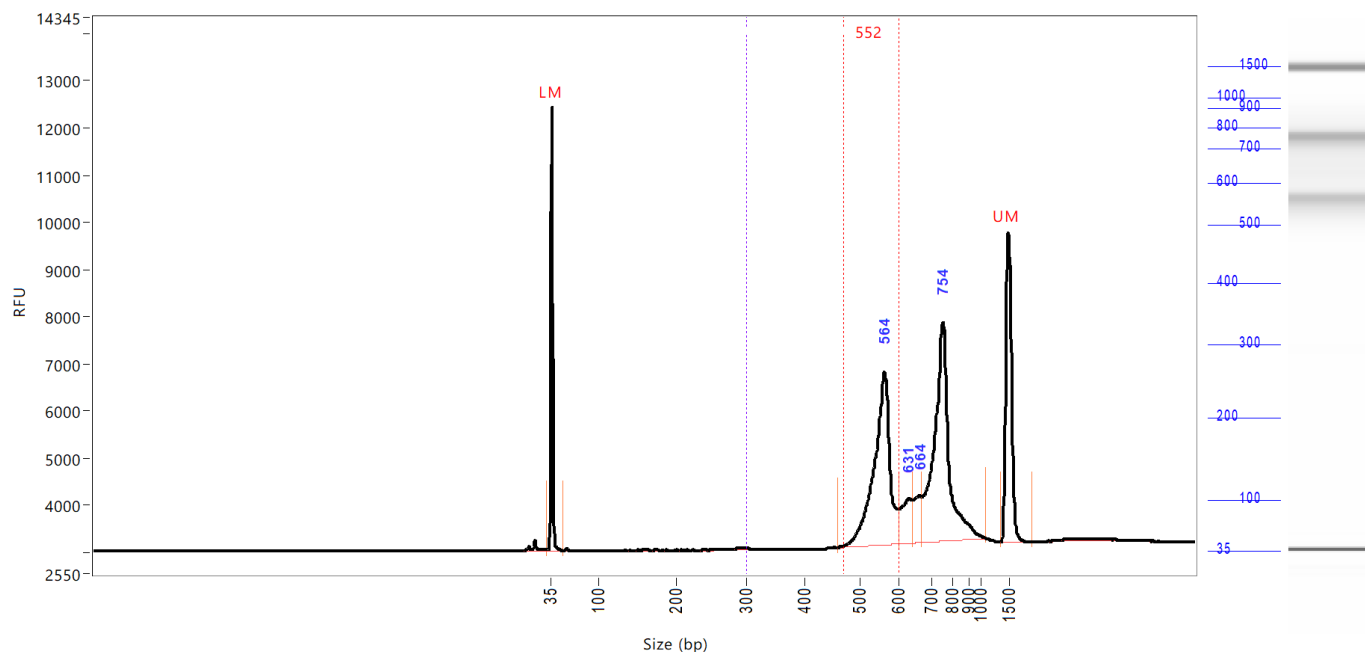
Sample: e1100004470_NW175_E06**Well Location:** E6**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4042	
564	8.4791	44.9
642	10.3048	45.8
810	2.6203	9.3
1500 (UM)	0.5000	

TIC:	21.4041	ng/uL
TIM:	56.5849	nmole/L
Total Conc.:	21.6129	ng/uL
DQN:	9.9	
Threshold:	300	

Smear Analysis 470 bp to 600 bp 9.0400 ng/ul 41.8 %Total 26.9189 nmole/L 553 Avg. Size (bp) 5.12 %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): 45
Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
Size Threshold (b.p.): 300

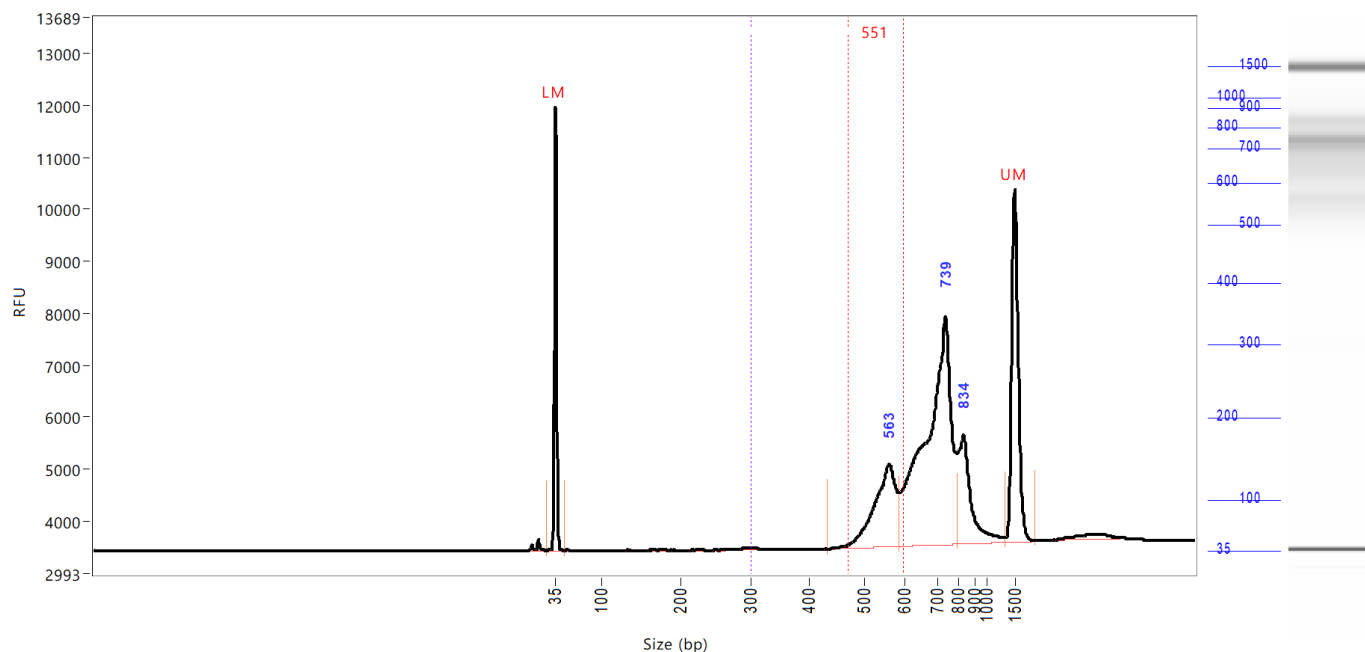
Sample: e1100004471_NW175_E07**Well Location:** E7**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4840	
564	10.5967	48.5
631	1.6849	6.9
664	1.4542	5.6
754	11.6364	39.1
1500 (UM)	0.5000	

TIC:	25.3723	ng/uL
TIM:	65.0724	nmole/L
Total Conc.:	25.5756	ng/uL
DQN:	9.9	
Threshold:	300	

Smear Analysis 470 bp to 600 bp 10.4966 ng/uL 41.0 %Total 31.2822 nmole/L 552 Avg. Size (bp) 4.47 %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): 45
Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
Size Threshold (b.p.): 300

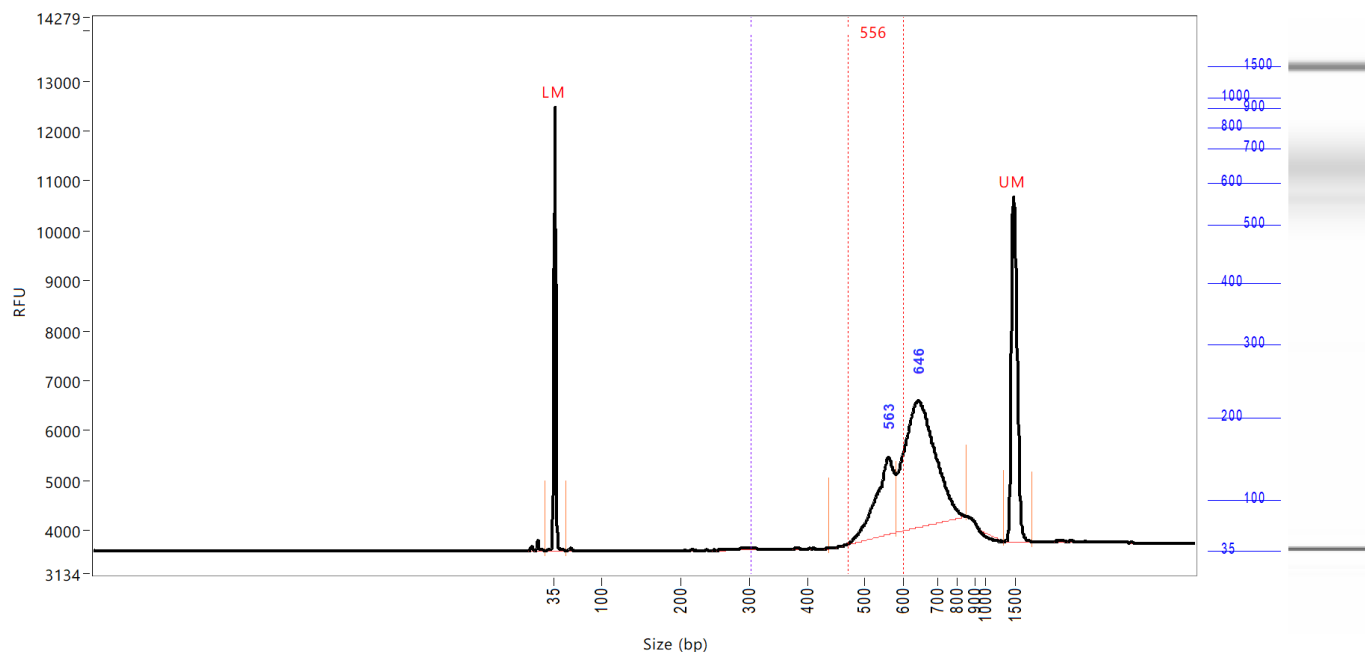
Sample: e1100004472_NW175_E08**Well Location:** E8**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4326	
563	5.3185	26.1
739	16.2280	62.5
834	3.7285	11.4
1500 (UM)	0.5000	

TIC:	25.2750	ng/uL
TIM:	61.6085	nmole/L
Total Conc.:	25.4988	ng/uL
DQN:	9.9	
Threshold:	300	

Smear Analysis 470 bp to 600 bp 5.9433 ng/ul 23.3 %Total 17.7637 nmole/L 551 Avg. Size (bp) 5.55 %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): 45
Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
Size Threshold (b.p.): 300

Sample: e1100004473_NW175_E09**Well Location:** E9**Created:** Wednesday, June 7, 2023 1:07:38 PM

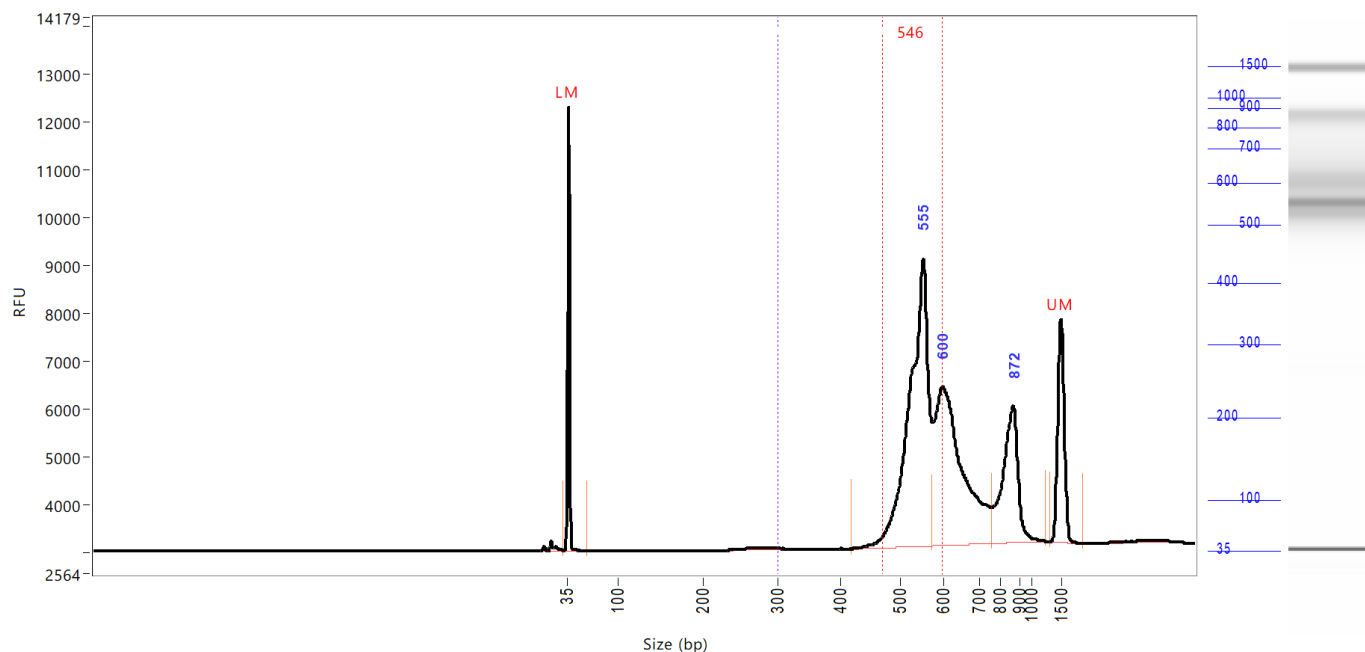
Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4476	
563	4.9492	31.5
646	12.9068	68.5
1500 (UM)	0.5000	

TIC:	17.8560	ng/uL
TIM:	47.3450	nmole/L
Total Conc.:	18.1710	ng/uL

DQN:	9.8
Threshold:	300

Smear Analysis 470 bp to 600 bp 6.2545 ng/ul 34.4 %Total 18.5268 nmole/L 556 Avg. Size (bp) 5.33 %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): 45
Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
Size Threshold (b.p.): 300

Sample: e1100004474_NW175_E10**Well Location:** E10**Created:** Wednesday, June 7, 2023 1:07:38 PM

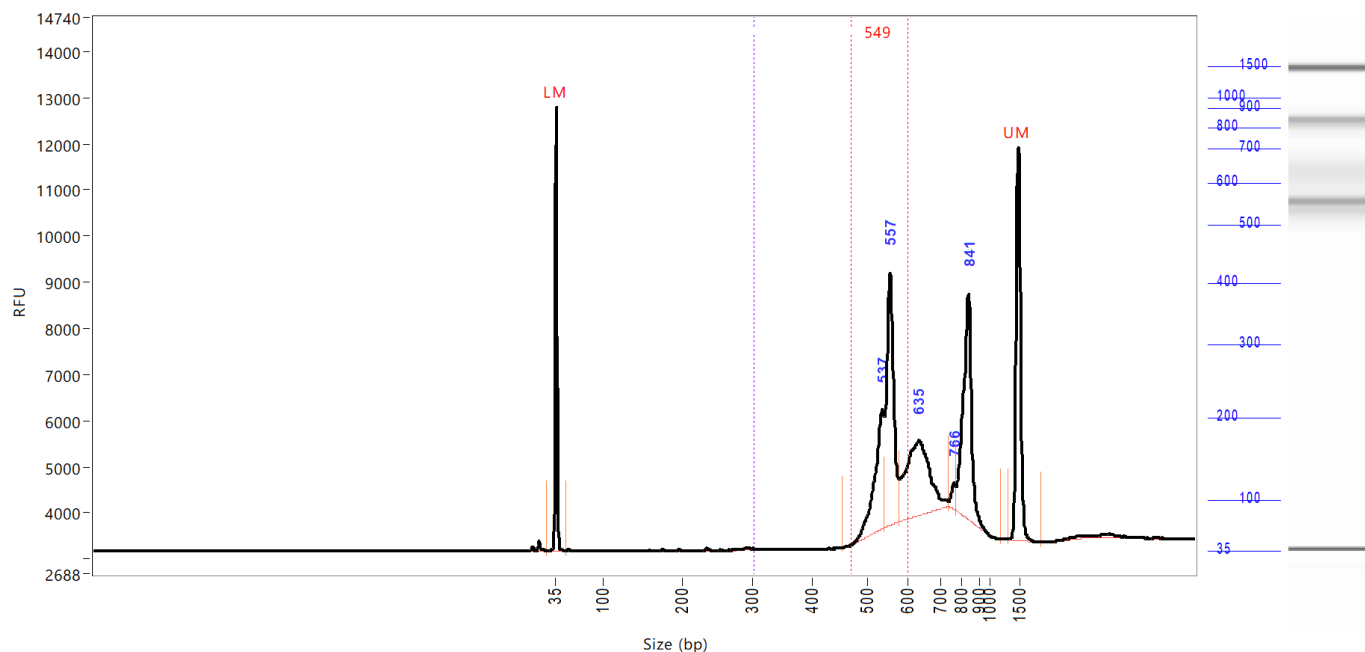
Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.6285	
555	26.0990	52.8
600	20.6839	35.4
872	9.1899	11.7
1500 (UM)	0.5000	

TIC:	55.9728	ng/uL
TIM:	151.6950	nmole/L
Total Conc.:	56.2063	ng/uL

DQN:	9.9
Threshold:	300

Smear Analysis 470 bp to 600 bp 31.2473 ng/uL 55.6 %Total 94.1011 nmole/L 546 Avg. Size (bp) 5.49 %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): 45
 Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
 Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
 Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
 Size Threshold (b.p.): 300

Sample: e1100004475_NW175_E11**Well Location:** E11**Created:** Wednesday, June 7, 2023 1:07:38 PM

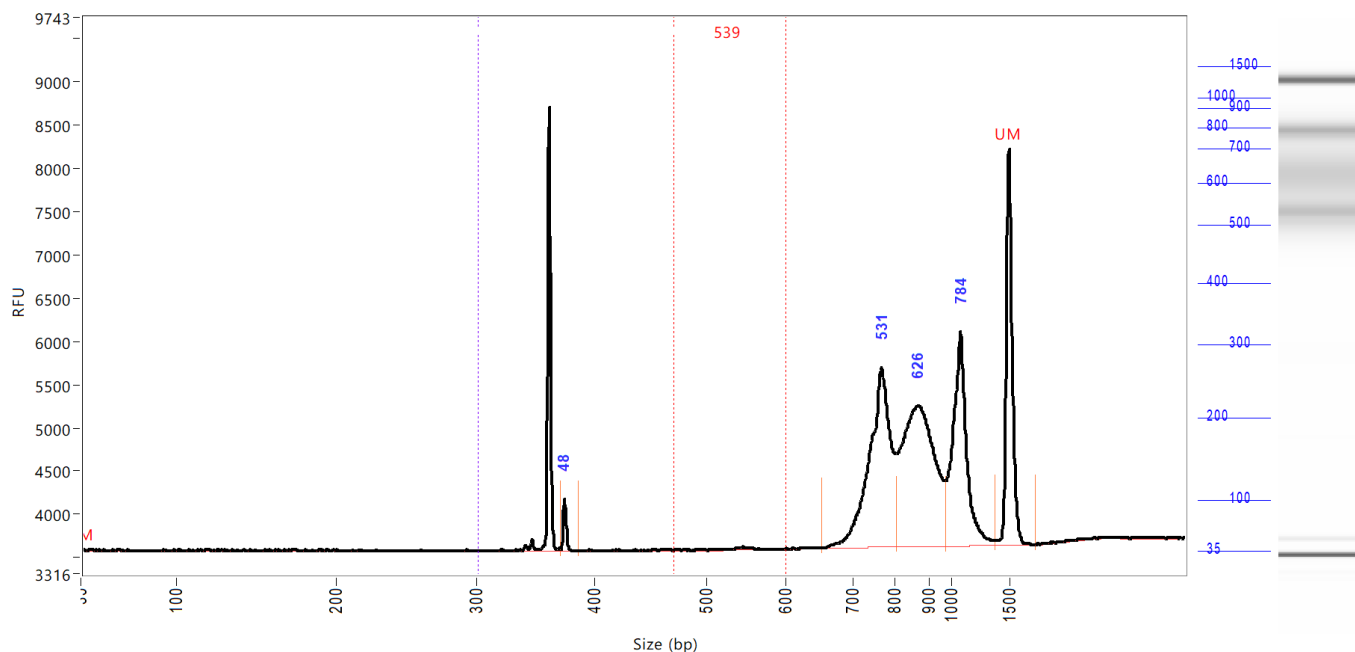
Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4731	
537	4.3418	20.8
557	7.0289	31.6
635	6.6679	26.5
766	0.4355	1.4
841	6.5506	19.7
1500 (UM)	0.5000	

TIC: 25.0246 ng/uL
 TIM: 65.6264 nmole/L
 Total Conc.: 25.2097 ng/uL

DQN: 9.9
 Threshold: 300

Smear Analysis 470 bp to 600 bp 12.3069 ng/ul 48.8 %Total 36.8890 nmole/L 549 Avg. Size (bp) 4.28 %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): 45
 Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
 Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
 Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
 Size Threshold (b.p.): 300

Sample: e1100004476_NW175_E12**Well Location:** E12**Created:** Wednesday, June 7, 2023 1:07:38 PM

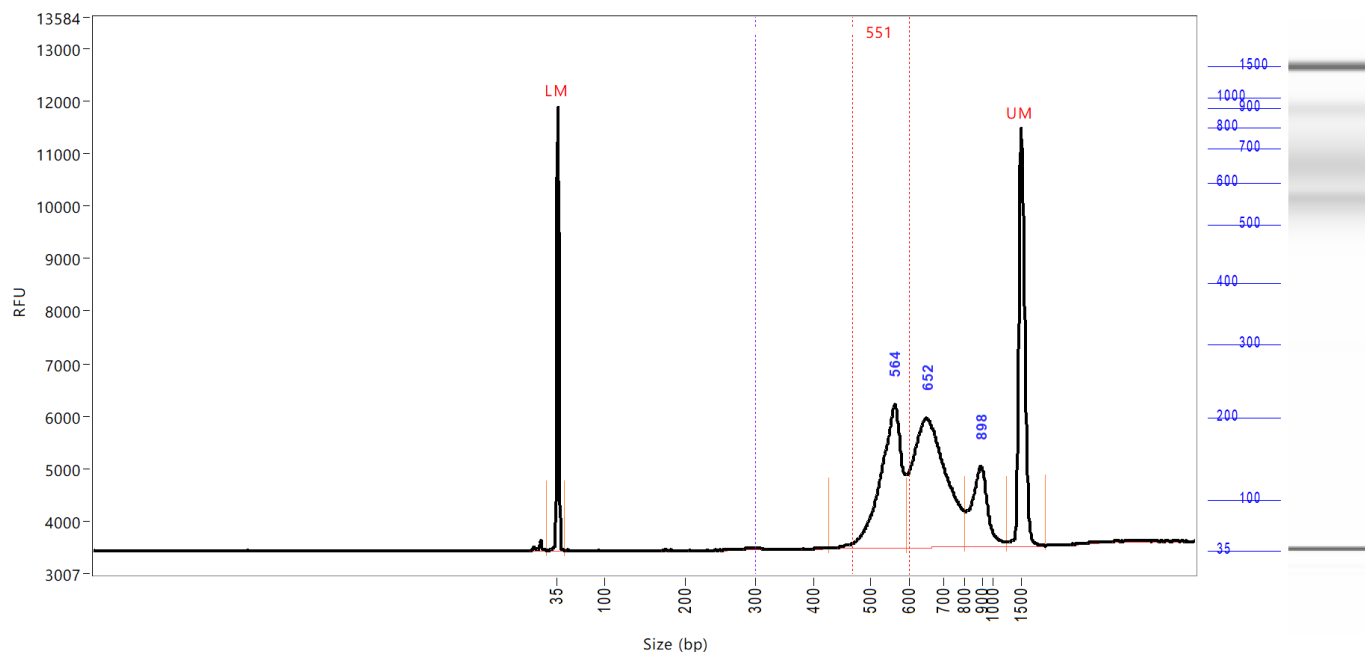
Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.8233	
531	11.2862	41.2
626	13.0743	39.6
784	7.8991	19.2
1500 (UM)	0.5000	

TIC:	32.2597	ng/uL
TIM:	86.2712	nmole/L
Total Conc.:	43.1269	ng/uL

DQN: N/A (Lower Marker was set at time zero)
 Threshold: 300

Smear Analysis 470 bp to 600 bp 0.2530 ng/ul 0.6 %Total 0.7725 nmole/L 539 Avg. Size (bp) 6.24 %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): 45
 Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
 Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
 Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
 Size Threshold (b.p.): 300

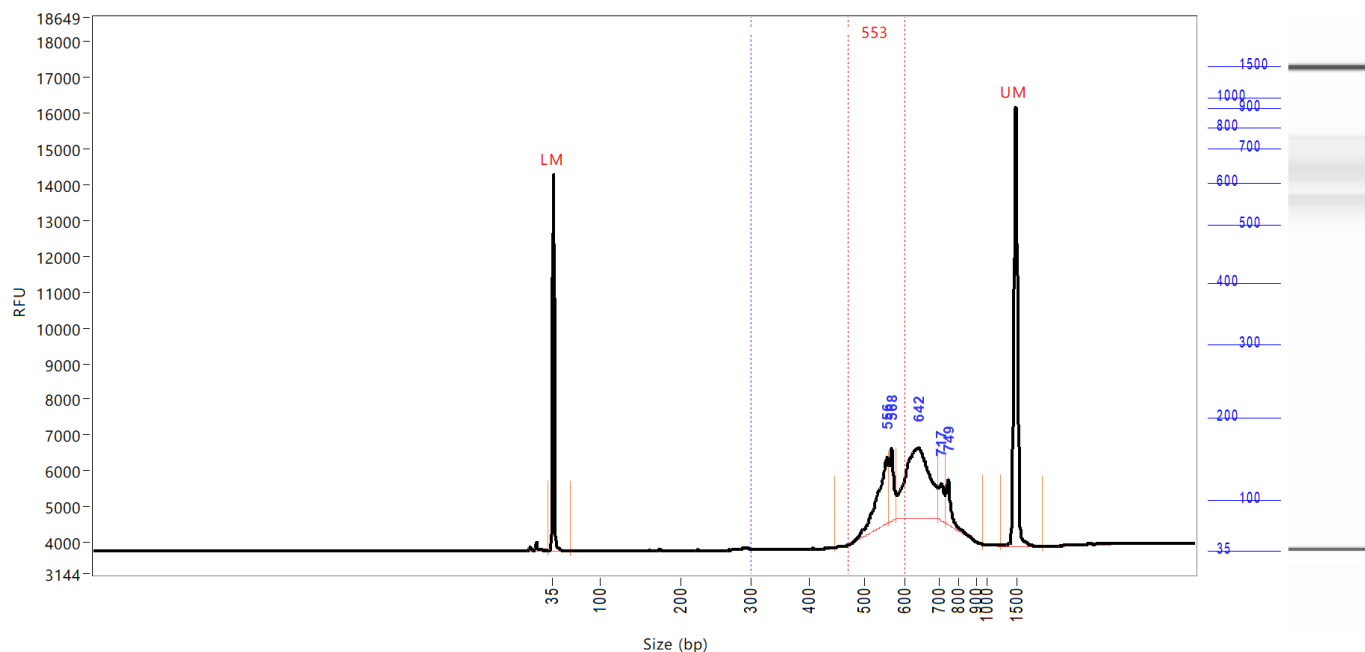
Sample: e1100004477_NW175_F01**Well Location:** F1**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.3879	
564	8.3813	42.4
652	11.5682	47.8
898	3.2218	9.8
1500 (UM)	0.5000	

TIC:	23.1713	ng/uL
TIM:	59.5834	nmole/L
Total Conc.:	23.3485	ng/uL
DQN:	9.9	
Threshold:	300	

Smear Analysis 470 bp to 600 bp 8.8381 ng/ul 37.9 %Total 26.4164 nmole/L 551 Avg. Size (bp) 5.30 %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): 45
 Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
 Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
 Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
 Size Threshold (b.p.): 300

Sample: e1100004478_NW175_F02**Well Location:** F2**Created:** Wednesday, June 7, 2023 1:07:38 PM

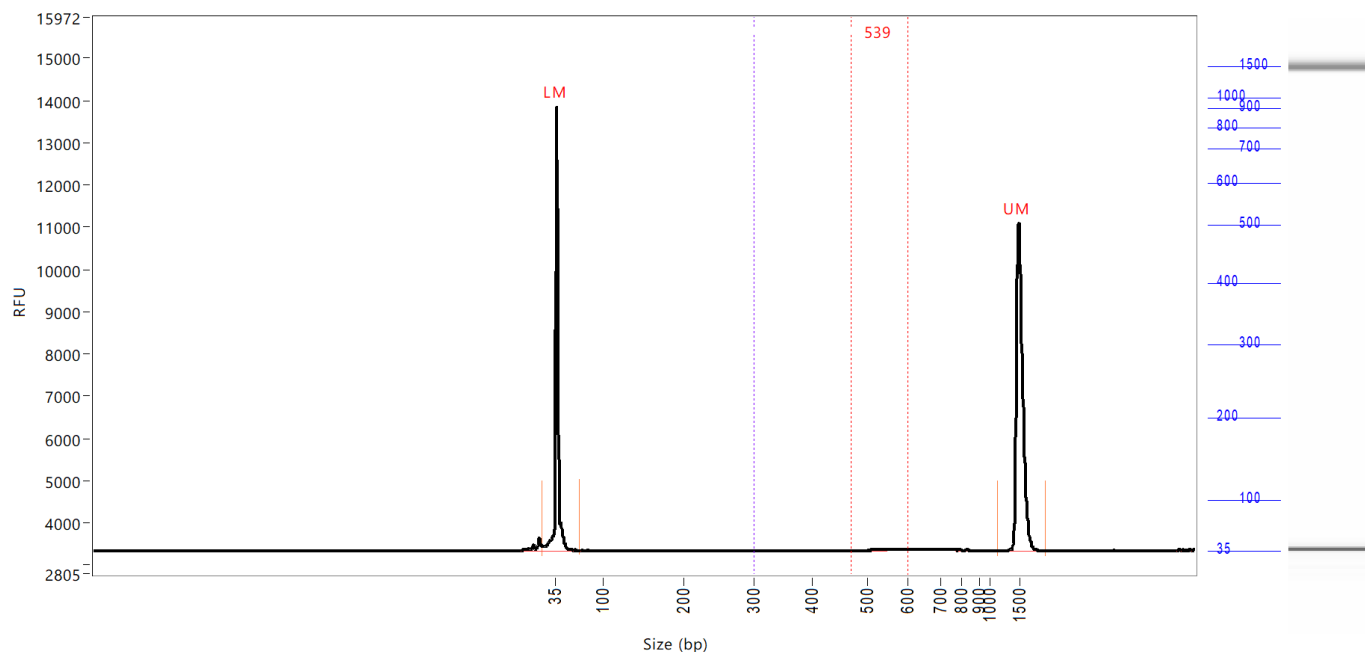
Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4156	
556	3.1069	26.7
568	1.4288	11.6
642	7.0293	50.7
717	0.8065	5.2
749	0.9615	5.8
1500 (UM)	0.5000	

TIC: 13.3329 ng/uL
 TIM: 35.6867 nmole/L
 Total Conc.: 13.4606 ng/uL

DQN: 9.8
 Threshold: 300

Smear Analysis 470 bp to 600 bp 5.2519 ng/ul 39.0 %Total 15.6159 nmole/L 553 Avg. Size (bp) 4.69 %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): 45
 Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
 Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
 Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
 Size Threshold (b.p.): 300

Sample: e1100004479_NW175_F03**Well Location:** F3**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
-----------	---------------	------------------------

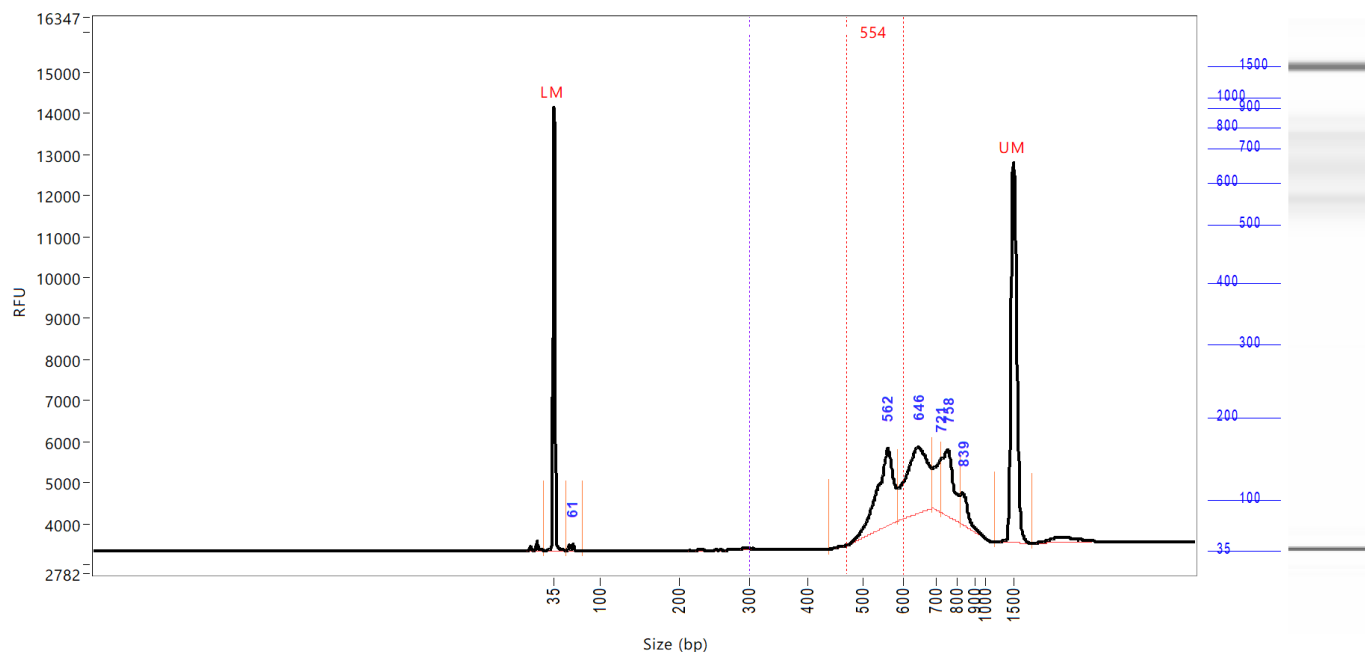
35 (LM)	0.5554	
1500 (UM)	0.5000	

TIC:	0.0000	ng/uL
TIM:	0.0000	nmole/L
Total Conc.:	0.3118	ng/uL

DQN:	6.1
Threshold:	300

Smear Analysis	470 bp to 600 bp	0.0702 ng/ul	22.5 %Total	0.2145 nmole/L	539 Avg. Size (bp)	5.25 %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): 45
Marker Peak Width (sec): 5	Marker Min Peak Height: 500	Marker Baseline V to V?: Y	Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU		Upper Marker Selection: Last Peak > 500 RFU	
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500			
Quantification Using: Upper Marker	Final Concentration (ng/uL): 0.5000		Dilution Factor: 12.0
Size Threshold (b.p.): 300			

Sample: e1100004480_NW175_F04**Well Location:** F4**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
-----------	---------------	------------------------

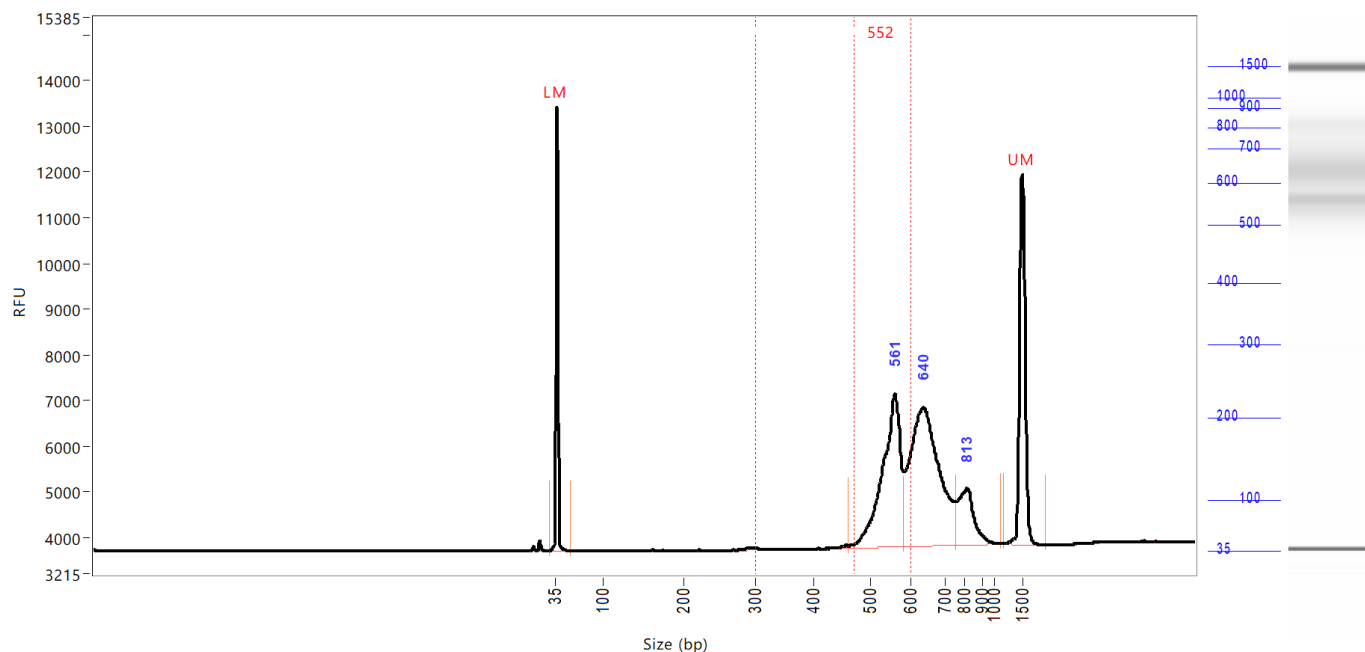
35 (LM)	0.3967	
61	0.1548	11.7
562	3.9944	32.6
646	4.5496	31.9
721	0.9864	6.3
758	2.3011	13.5
839	0.7515	3.9
1500 (UM)	0.5000	

TIC:	12.7377	ng/uL
TIM:	36.6827	nmole/L
Total Conc.:	12.8006	ng/uL

DQN:	9.8
Threshold:	300

Smear Analysis	470 bp to 600 bp	4.4186 ng/ul	34.5 %Total	13.1360 nmole/L	554 Avg. Size (bp)	4.70 %CV
----------------	------------------	--------------	-------------	-----------------	--------------------	----------

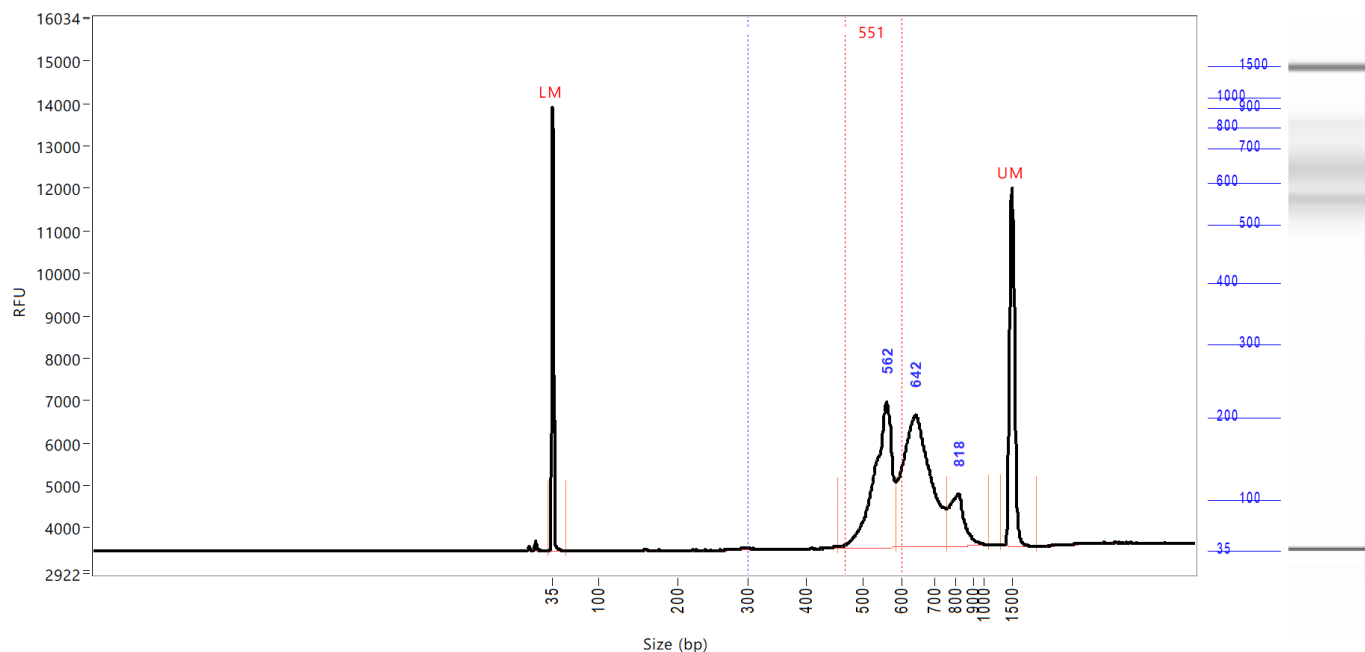
Sample Peak Width (sec): 5	Sample Min Peak Height: 100	Sample Baseline V to V?: Y	Sample Baseline V to V pts: 3
Sample Filter: Binomial	# of Pts for Filter: 3	Sample Start Region (min): 0	Sample End Region (min): 45
Marker Peak Width (sec): 5	Marker Min Peak Height: 500	Marker Baseline V to V?: Y	Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU		Upper Marker Selection: Last Peak > 500 RFU	
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500			
Quantification Using: Upper Marker	Final Concentration (ng/uL): 0.5000		Dilution Factor: 12.0
Size Threshold (b.p.): 300			

Sample: e1100004481_NW175_F05**Well Location:** F5**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4200	
561	9.1296	42.1
640	12.8582	49.7
813	2.6675	8.2
1500 (UM)	0.5000	
TIC:	24.6553	ng/uL
TIM:	65.4882	nmole/L
Total Conc.:	24.8996	ng/uL
DQN:	9.9	
Threshold:	300	

Smear Analysis 470 bp to 600 bp 10.4527 ng/uL 42.0 %Total 31.1691 nmole/L 552 Avg. Size (bp) 5.18 %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): 45
Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
Size Threshold (b.p.): 300

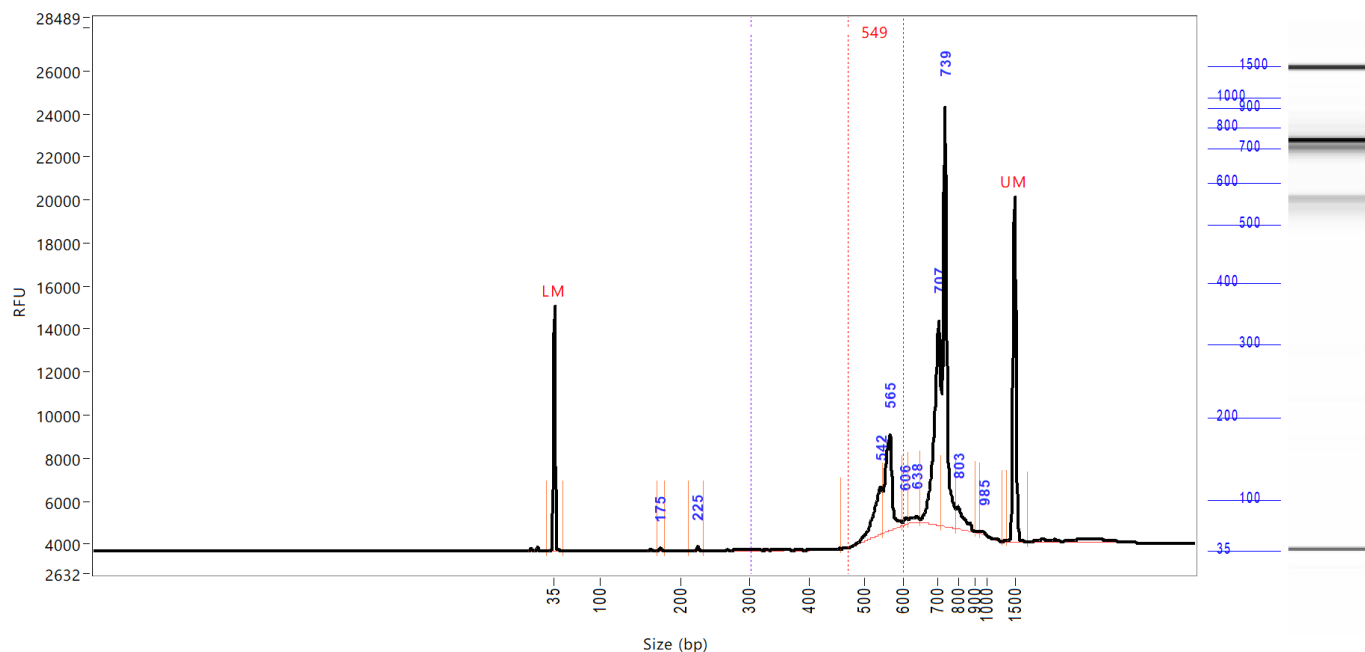
Sample: e1100004482_NW175_F06**Well Location:** F6**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4578	
562	9.7695	43.4
642	13.0350	48.5
818	2.7349	8.1
1500 (UM)	0.5000	

TIC:	25.5394	ng/uL
TIM:	68.0239	nmole/L
Total Conc.:	25.7481	ng/uL
DQN:	9.9	
Threshold:	300	

Smear Analysis 470 bp to 600 bp 10.8639 ng/uL 42.2 %Total 32.4243 nmole/L 551 Avg. Size (bp) 5.15 %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): 45
Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
Size Threshold (b.p.): 300

Sample: e1100004483_NW175_F07**Well Location:** F7**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
-----------	---------------	------------------------

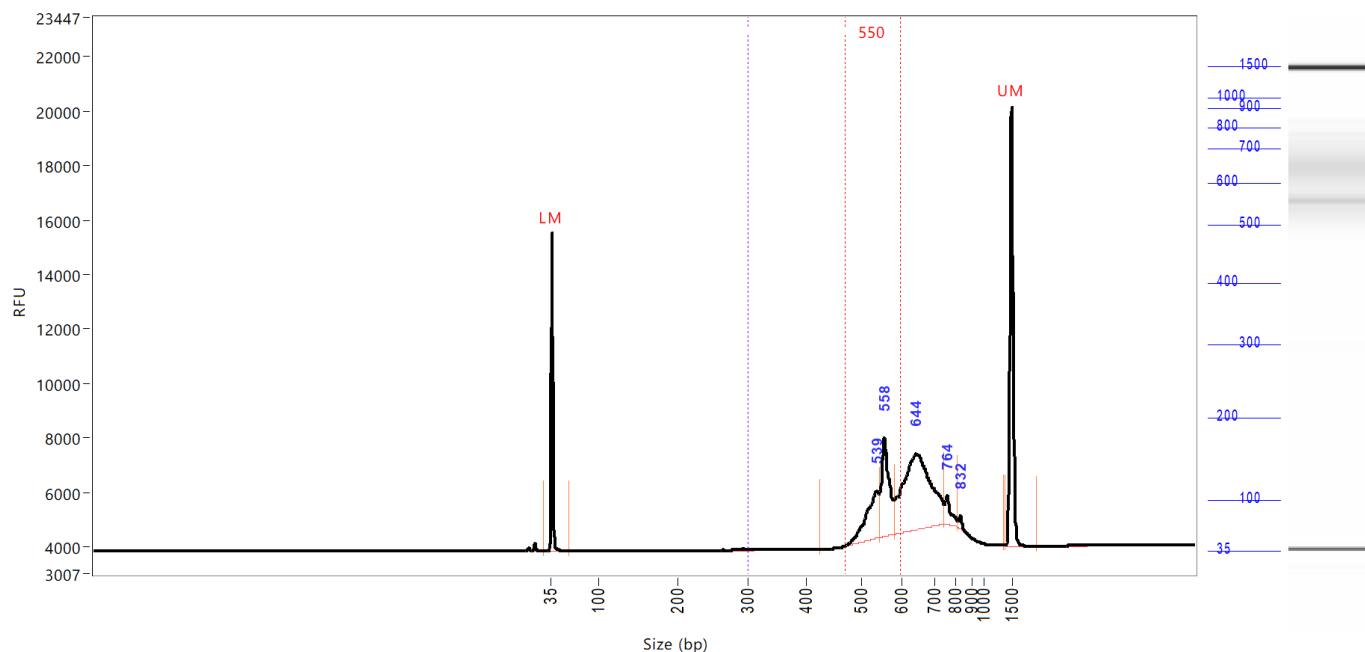
35 (LM)	0.4207	
175	0.0638	0.9
225	0.0908	1.0
542	2.9585	13.4
565	4.2534	18.1
606	0.1792	0.7
638	0.2938	1.1
707	8.3940	28.9
739	10.0516	32.6
803	1.0580	3.1
985	0.1069	0.3
1500 (UM)	0.5000	

TIC:	27.4501	ng/uL
TIM:	68.5385	nmole/L
Total Conc.:	27.3941	ng/uL

DQN:	9.8
Threshold:	300

Smear Analysis	470 bp to 600 bp	7.1410 ng/ul	26.1 %Total	21.4025 nmole/L	549 Avg. Size (bp)	3.69 %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): 45
Marker Peak Width (sec): 5	Marker Min Peak Height: 500	Marker Baseline V to V?: Y	Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU		Upper Marker Selection: Last Peak > 500 RFU	
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500			
Quantification Using: Upper Marker	Final Concentration (ng/uL): 0.5000		Dilution Factor: 12.0
Size Threshold (b.p.): 300			

Sample: e1100004484_NW175_F08**Well Location:** F8**Created:** Wednesday, June 7, 2023 1:07:38 PM

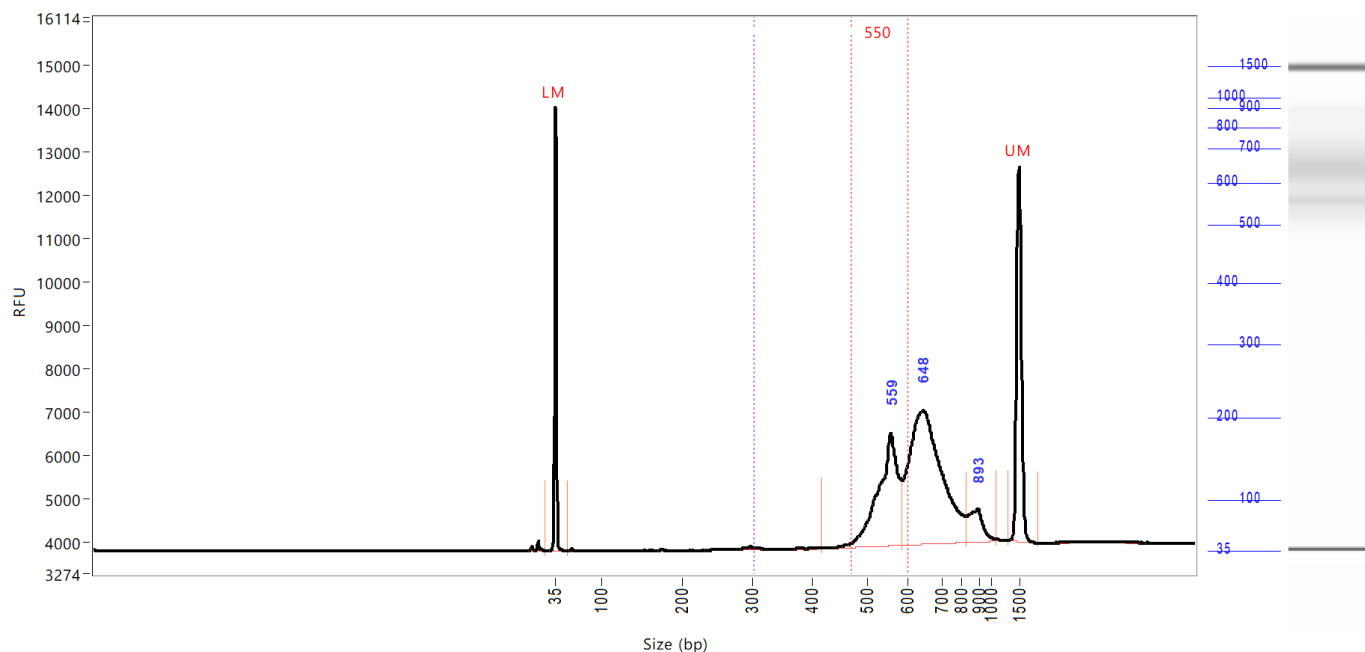
Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4109	
539	2.9815	19.4
558	3.8612	23.3
644	10.1562	53.0
764	0.7694	3.4
832	0.2251	0.9
1500 (UM)	0.5000	

TIC:	17.9934	ng/uL
TIM:	48.5128	nmole/L
Total Conc.:	18.1712	ng/uL

DQN:	9.9
Threshold:	300

Smear Analysis	470 bp to 600 bp	7.7759 ng/ul	42.8 %Total	23.2462 nmole/L	550 Avg. Size (bp)	5.14 %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): 45
 Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
 Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
 Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
 Size Threshold (b.p.): 300

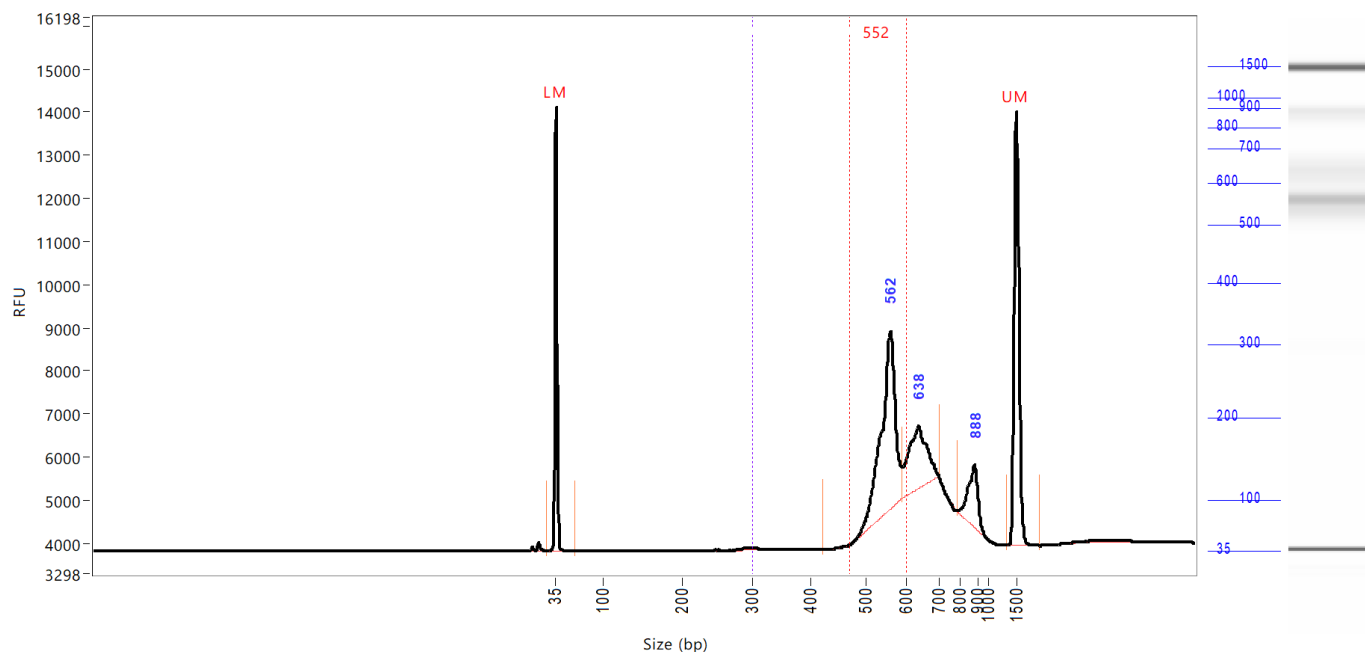
Sample: e1100004485_NW175_F09**Well Location:** F9**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4590	
559	8.4695	38.0
648	15.6856	57.4
893	1.6679	4.6
1500 (UM)	0.5000	

TIC:	25.8230	ng/uL
TIM:	67.5871	nmole/L
Total Conc.:	26.1786	ng/uL
DQN:	9.9	
Threshold:	300	

Smear Analysis 470 bp to 600 bp 9.4363 ng/ul 36.0 %Total 28.2271 nmole/L 550 Avg. Size (bp) 5.57 %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): 45
Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
Size Threshold (b.p.): 300

Sample: e1100004486_NW175_F10**Well Location:** F10**Created:** Wednesday, June 7, 2023 1:07:38 PM

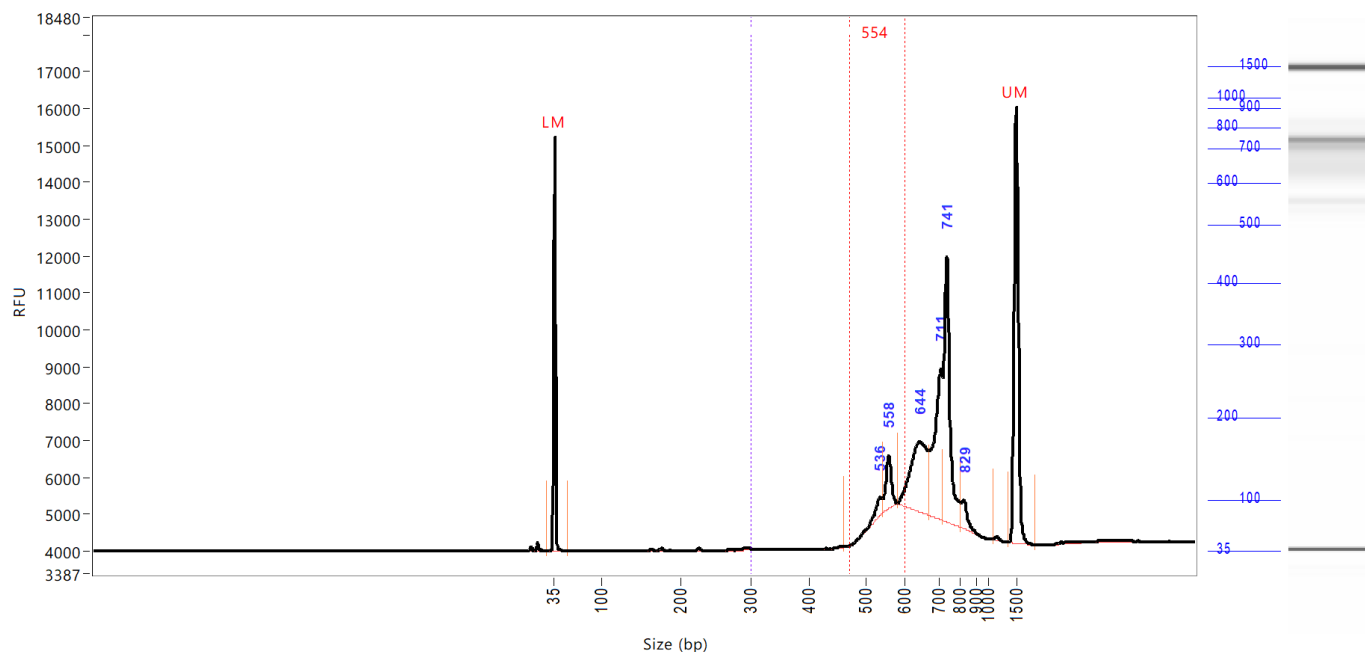
Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4527	
562	8.1871	65.9
638	3.6002	25.1
888	1.7777	9.0
1500 (UM)	0.5000	

TIC:	13.5650	ng/uL
TIM:	37.1292	nmole/L
Total Conc.:	13.8542	ng/uL

DQN:	9.8
Threshold:	300

Smear Analysis 470 bp to 600 bp 8.4585 ng/ul 61.1 %Total 25.2083 nmole/L 552 Avg. Size (bp) 4.06 %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): 45
 Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
 Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
 Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
 Size Threshold (b.p.): 300

Sample: e1100004487_NW175_F11**Well Location:** F11**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
-----------	---------------	------------------------

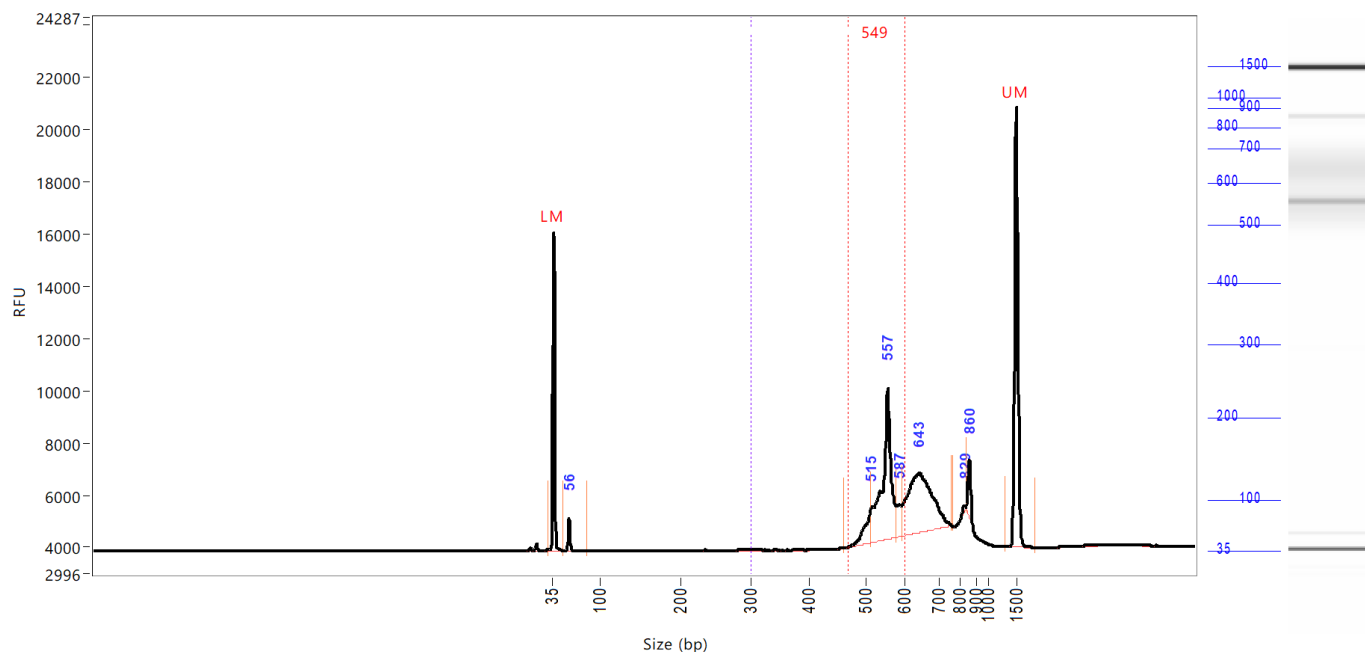
35 (LM)	0.4207	
536	0.5323	4.2
558	1.0881	8.1
644	4.3277	28.1
711	4.2832	25.4
741	5.5882	31.1
829	0.6393	3.2
1500 (UM)	0.5000	

TIC:	16.4588	ng/uL
TIM:	39.6660	nmole/L
Total Conc.:	16.6625	ng/uL

DQN:	9.8
Threshold:	300

Smear Analysis	470 bp to 600 bp	1.8004 ng/ul	10.8 %Total	5.3475 nmole/L	554 Avg. Size (bp)	3.82 %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): 45
Marker Peak Width (sec): 5	Marker Min Peak Height: 500	Marker Baseline V to V?: Y	Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU		Upper Marker Selection: Last Peak > 500 RFU	
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500			
Quantification Using: Upper Marker	Final Concentration (ng/uL): 0.5000		Dilution Factor: 12.0
Size Threshold (b.p.): 300			

Sample: e1100004488_NW175_F12**Well Location:** F12**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
-----------	---------------	------------------------

35 (LM)	0.3994	
---------	--------	--

56	0.5095	26.1
----	--------	------

515	1.0919	6.3
-----	--------	-----

557	6.1492	32.2
-----	--------	------

587	0.6555	3.2
-----	--------	-----

643	6.6469	29.6
-----	--------	------

829	0.0726	0.3
-----	--------	-----

860	0.7086	2.4
-----	--------	-----

1500 (UM)	0.5000	
-----------	--------	--

TIC:	15.8343	ng/uL
------	---------	-------

TIM:	57.1285	nmole/L
------	---------	---------

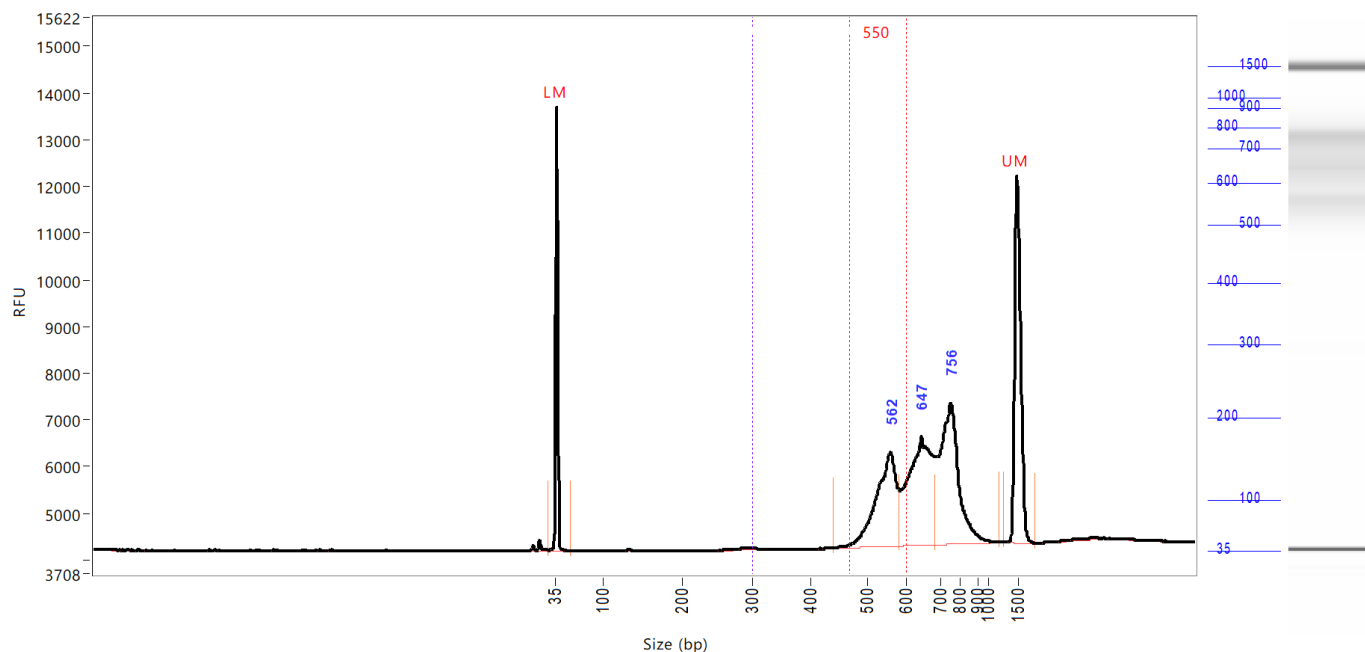
Total Conc.:	15.9682	ng/uL
--------------	---------	-------

DQN:	9.6
------	-----

Threshold:	300
------------	-----

Smear Analysis	470 bp to 600 bp	8.1501 ng/uL	51.0 %Total	24.4319 nmole/L	549 Avg. Size (bp)	4.82 %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): 45
Marker Peak Width (sec): 5	Marker Min Peak Height: 500	Marker Baseline V to V?: Y	Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU		Upper Marker Selection: Last Peak > 500 RFU	
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500			
Quantification Using: Upper Marker	Final Concentration (ng/uL): 0.5000		Dilution Factor: 12.0
Size Threshold (b.p.): 300			

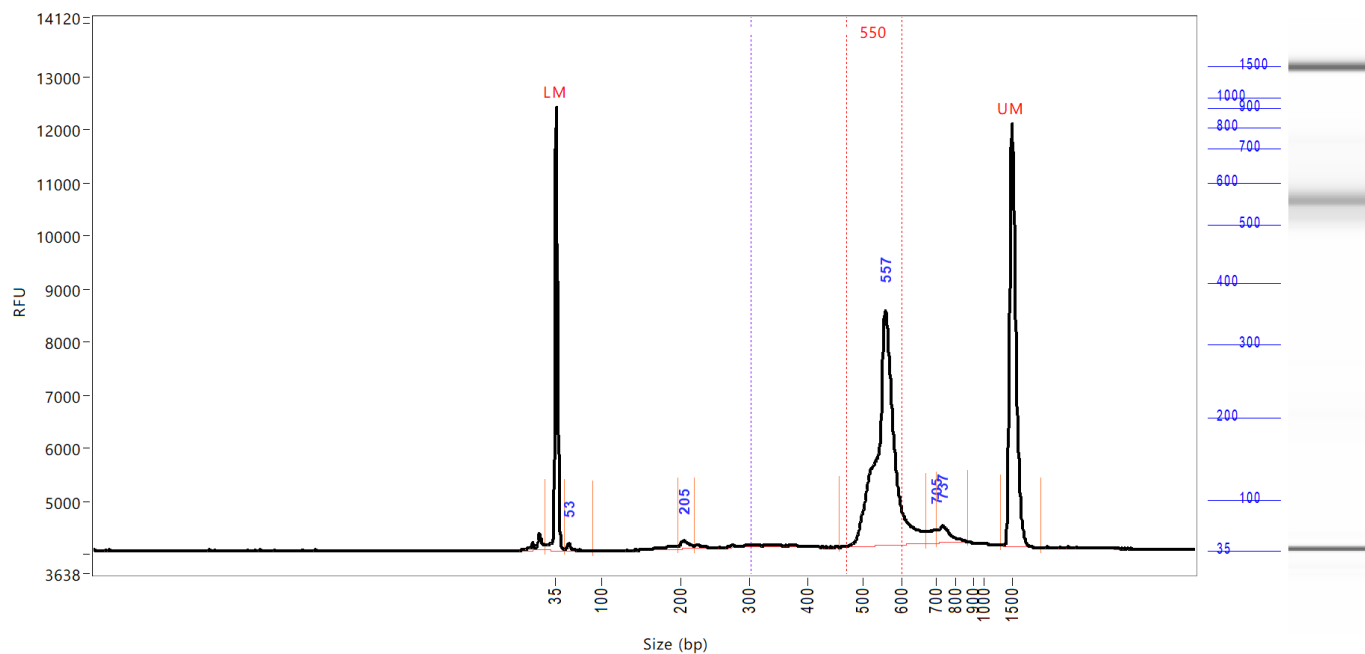
Sample: e1100004489_NW175_G01**Well Location:** G1**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4323	
562	6.0075	33.1
647	7.8238	36.5
756	7.6797	30.4
1500 (UM)	0.5000	

TIC:	21.5110	ng/uL
TIM:	55.1297	nmole/L
Total Conc.:	21.7291	ng/uL
DQN:	9.9	
Threshold:	300	

Smear Analysis 470 bp to 600 bp 6.9596 ng/ul 32.0 %Total 20.8167 nmole/L 550 Avg. Size (bp) 5.40 %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): 45
 Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
 Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
 Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
 Size Threshold (b.p.): 300

Sample: e1100004490_NW175_G02**Well Location:** G2**Created:** Wednesday, June 7, 2023 1:07:38 PM

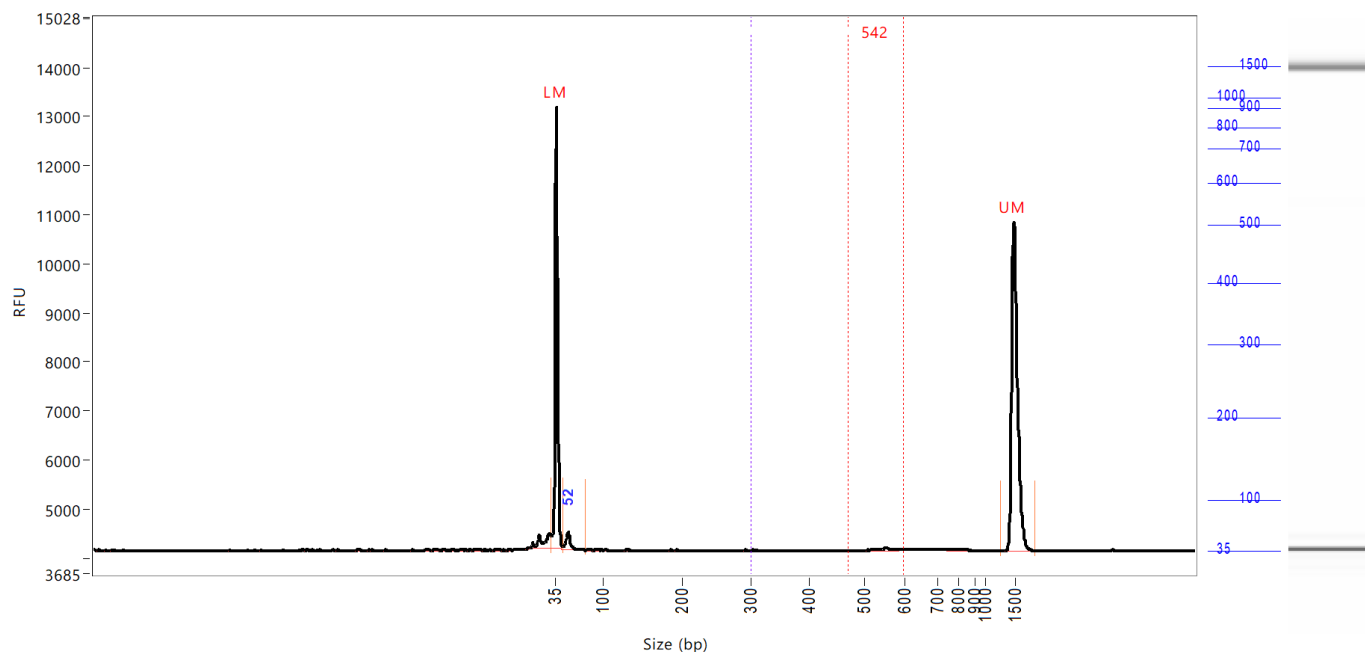
Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4653	
53	0.1300	9.8
205	0.2496	5.1
557	10.7411	80.6
705	0.2891	1.8
737	0.4868	2.7
1500 (UM)	0.5000	

TIC:	11.8966	ng/uL
TIM:	39.3514	nmole/L
Total Conc.:	12.3652	ng/uL

DQN:	9.4
Threshold:	300

Smear Analysis	470 bp to 600 bp	9.8108 ng/ul	79.3 %Total	29.3464 nmole/L	550 Avg. Size (bp)	4.59 %CV
----------------	------------------	--------------	-------------	-----------------	--------------------	----------

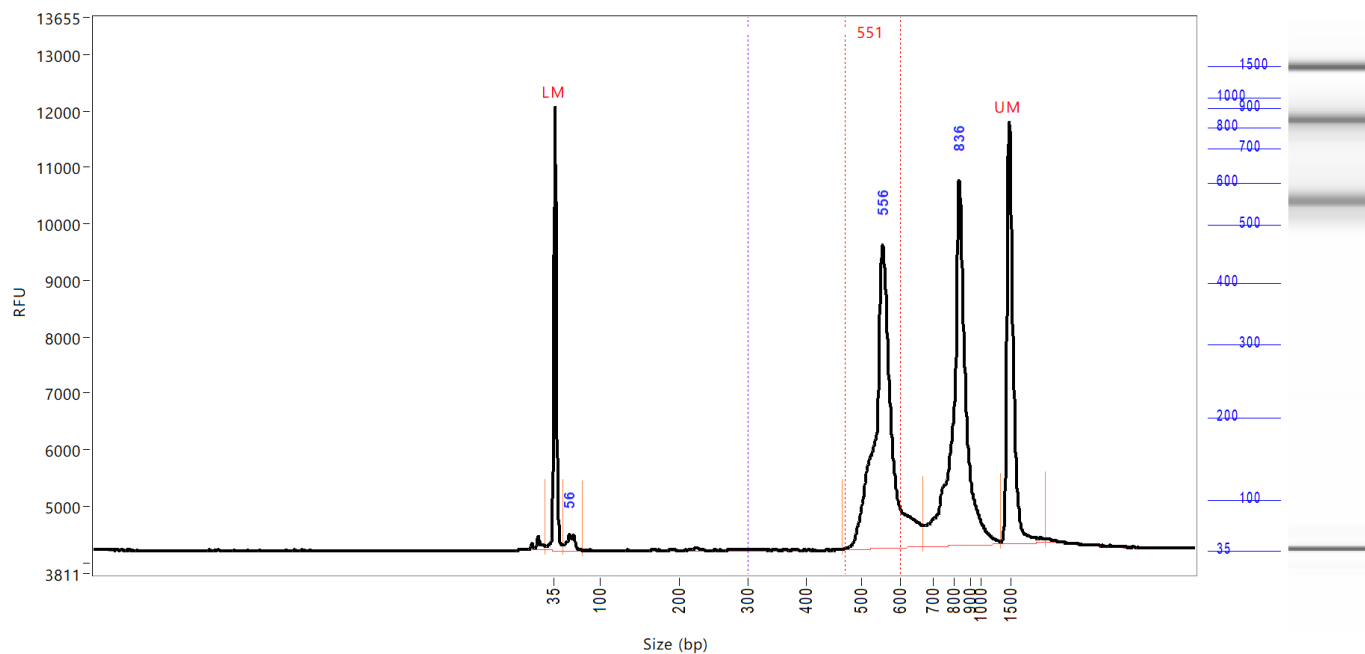
Sample Peak Width (sec): 5 Sample Min Peak Height: 100 Sample Baseline V to V?: Y Sample Baseline V to V pts: 3
 Sample Filter: Binomial # of Pts for Filter: 3 Sample Start Region (min): 0 Sample End Region (min): 45
 Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
 Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
 Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
 Size Threshold (b.p.): 300

Sample: e1100004491_NW175_G03**Well Location:** G3**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.5904	
52	0.4548	100.0
1500 (UM)	0.5000	
TIC:	0.4548	ng/uL
TIM:	14.3274	nmole/L
Total Conc.:	0.9739	ng/uL
DQN:	3.5	
Threshold:	300	

Smear Analysis 470 bp to 600 bp 0.1337 ng/ul 13.7 %Total 0.4060 nmole/L 542 Avg. Size (bp) 5.25 %CV

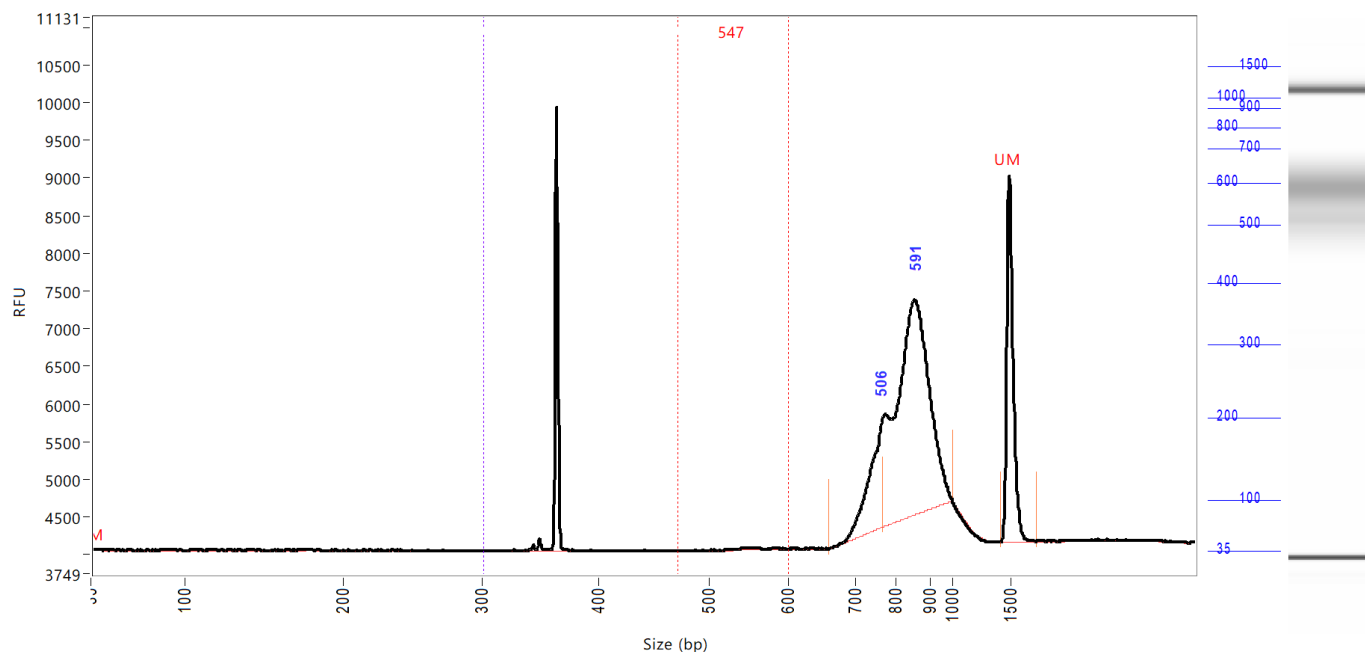
Sample Peak Width (sec): 5 Sample Min Peak Height: 100 Sample Baseline V to V?: Y Sample Baseline V to V pts: 3
Sample Filter: Binomial # of Pts for Filter: 3 Sample Start Region (min): 0 Sample End Region (min): 45
Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
Size Threshold (b.p.): 300

Sample: e1100004492_NW175_G04**Well Location:** G4**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4544	
56	0.5473	20.4
556	13.2328	50.5
836	11.4097	29.1
1500 (UM)	0.5000	
TIC: 25.1898 ng/uL		
TIM: 77.1809 nmole/L		
Total Conc.: 25.5348 ng/uL		
DQN: 9.7		
Threshold: 300		

Smear Analysis 470 bp to 600 bp 11.7679 ng/uL 46.1 %Total 35.1714 nmole/L 551 Avg. Size (bp) 4.40 %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): 45
Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
Size Threshold (b.p.): 300

Sample: e1100004493_NW175_G05**Well Location:** G5**Created:** Wednesday, June 7, 2023 1:07:38 PM

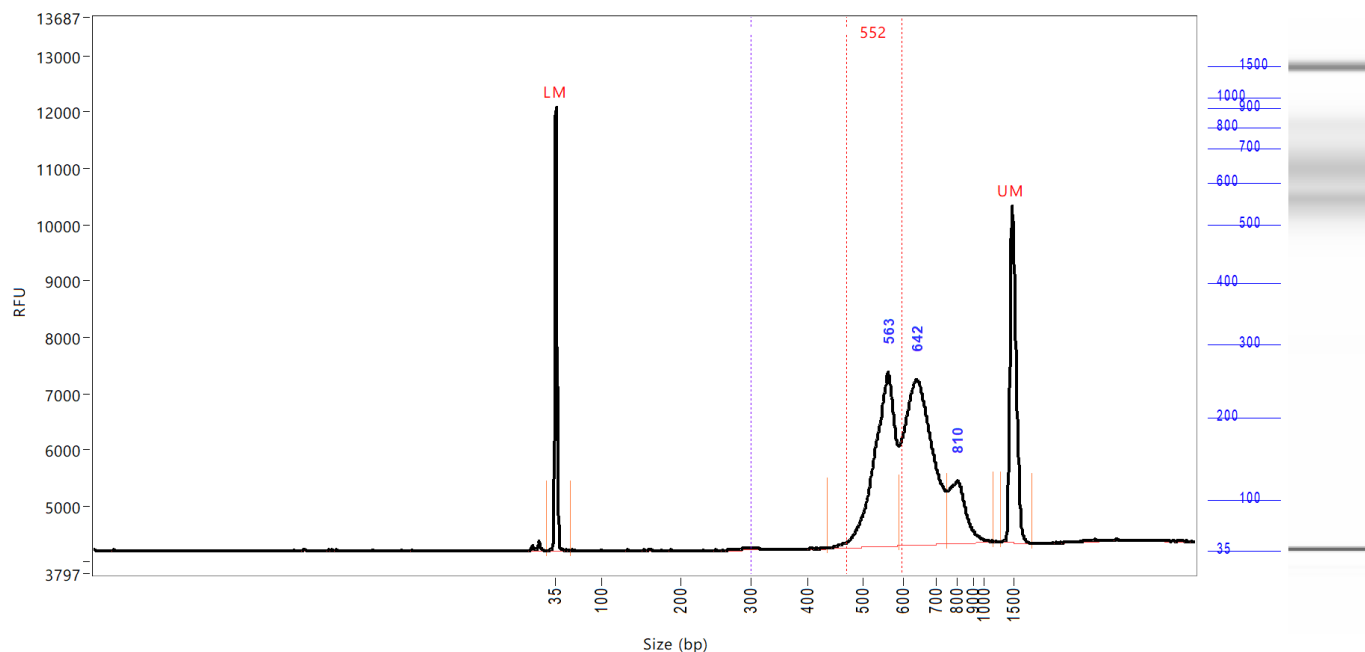
Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	4.0568	
591	20.6172	100.0
1500 (UM)	0.5000	

TIC: 20.6172 ng/uL
 TIM: 58.2960 nmole/L
 Total Conc.: 34.1806 ng/uL

DQN: N/A (Lower Marker was set at time zero)
 Threshold: 300

Smear Analysis 470 bp to 600 bp 0.2163 ng/ul 0.6 %Total 0.6505 nmole/L 547 Avg. Size (bp) 6.75 %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): 45
 Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
 Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
 Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
 Size Threshold (b.p.): 300

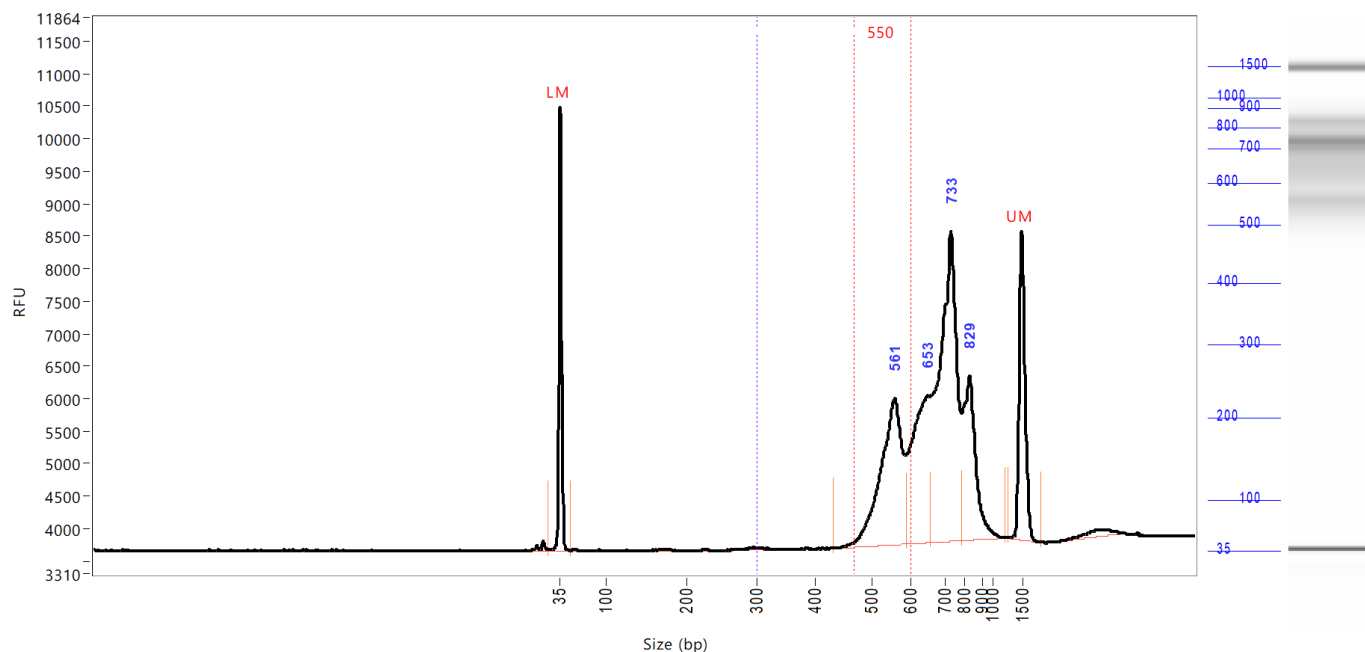
Sample: e1100004494_NW175_G06**Well Location:** G6**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4923	
563	12.2056	45.2
642	15.0599	46.7
810	3.2791	8.1
1500 (UM)	0.5000	

TIC:	30.5446	ng/uL
TIM:	81.1968	nmole/L
Total Conc.:	30.8598	ng/uL
DQN:	9.9	
Threshold:	300	

Smear Analysis 470 bp to 600 bp 13.0089 ng/uL 42.2 %Total 38.7952 nmole/L 552 Avg. Size (bp) 5.28 %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): 45
Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
Size Threshold (b.p.): 300

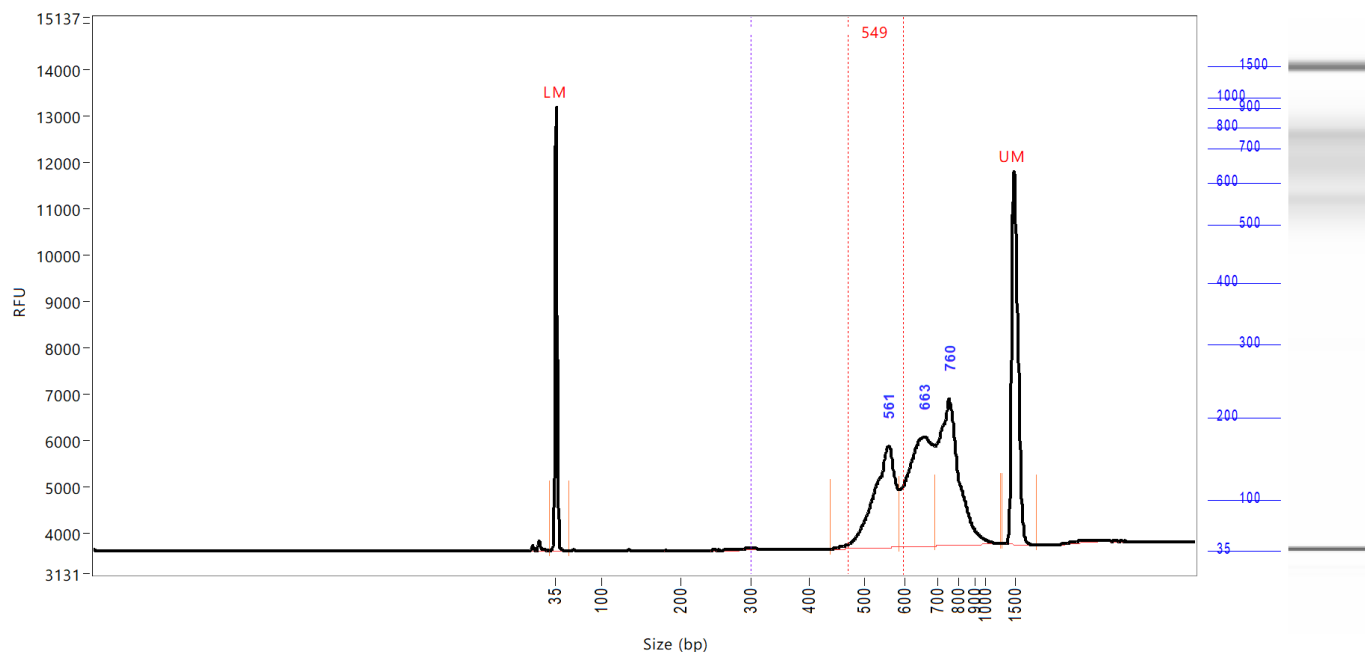
Sample: e1100004495_NW175_G07**Well Location:** G7**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.6443	
561	12.2909	30.5
653	9.4242	20.3
733	19.8448	37.4
829	7.2955	11.8
1500 (UM)	0.5000	

TIC:	48.8554	ng/uL
TIM:	122.0349	nmole/L
Total Conc.:	48.9205	ng/uL
DQN:	9.9	
Threshold:	300	

Smear Analysis 470 bp to 600 bp 13.5184 ng/uL 27.6 %Total 40.4466 nmole/L 550 Avg. Size (bp) 5.46 %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): 45
Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
Size Threshold (b.p.): 300

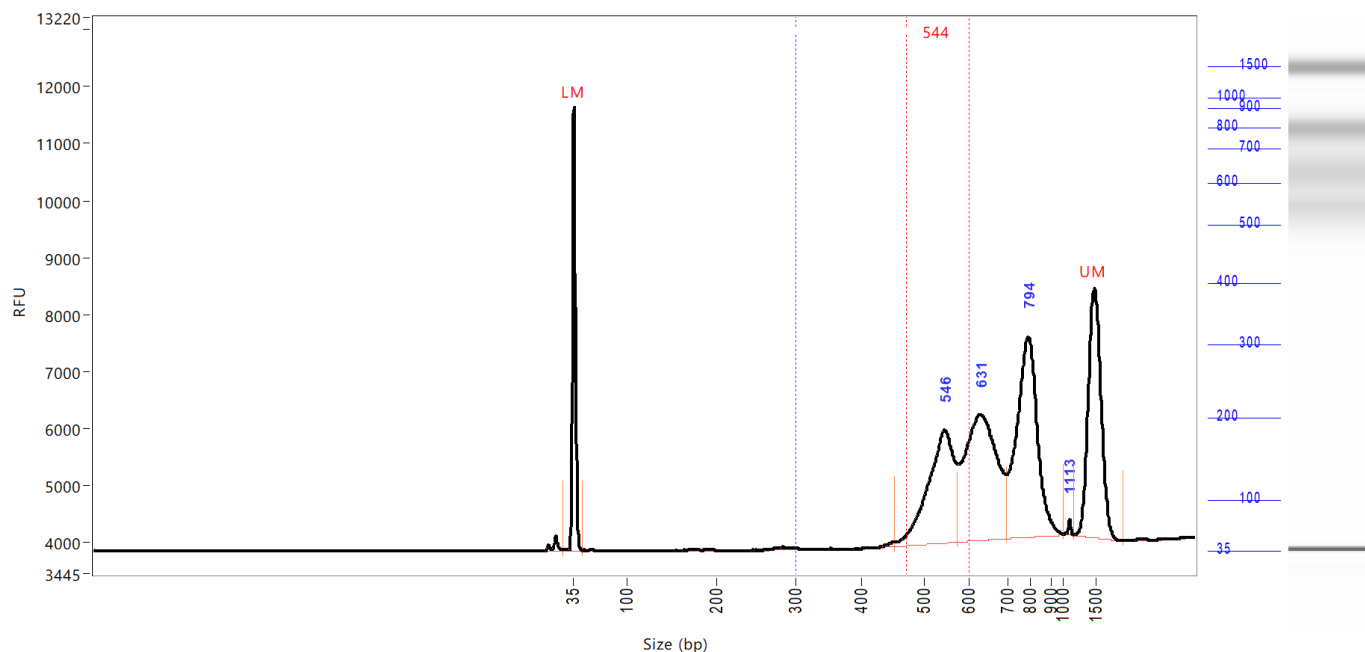
Sample: e1100004496_NW175_G08**Well Location:** G8**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4190	
561	6.5655	34.5
663	7.9746	35.3
760	8.1326	30.2
1500 (UM)	0.5000	

TIC:	22.6728	ng/uL
TIM:	57.6267	nmole/L
Total Conc.:	22.8124	ng/uL
DQN:	9.9	
Threshold:	300	

Smear Analysis 470 bp to 600 bp 7.1434 ng/ul 31.3 %Total 21.4220 nmole/L 549 Avg. Size (bp) 5.52 %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): 45
Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
Size Threshold (b.p.): 300

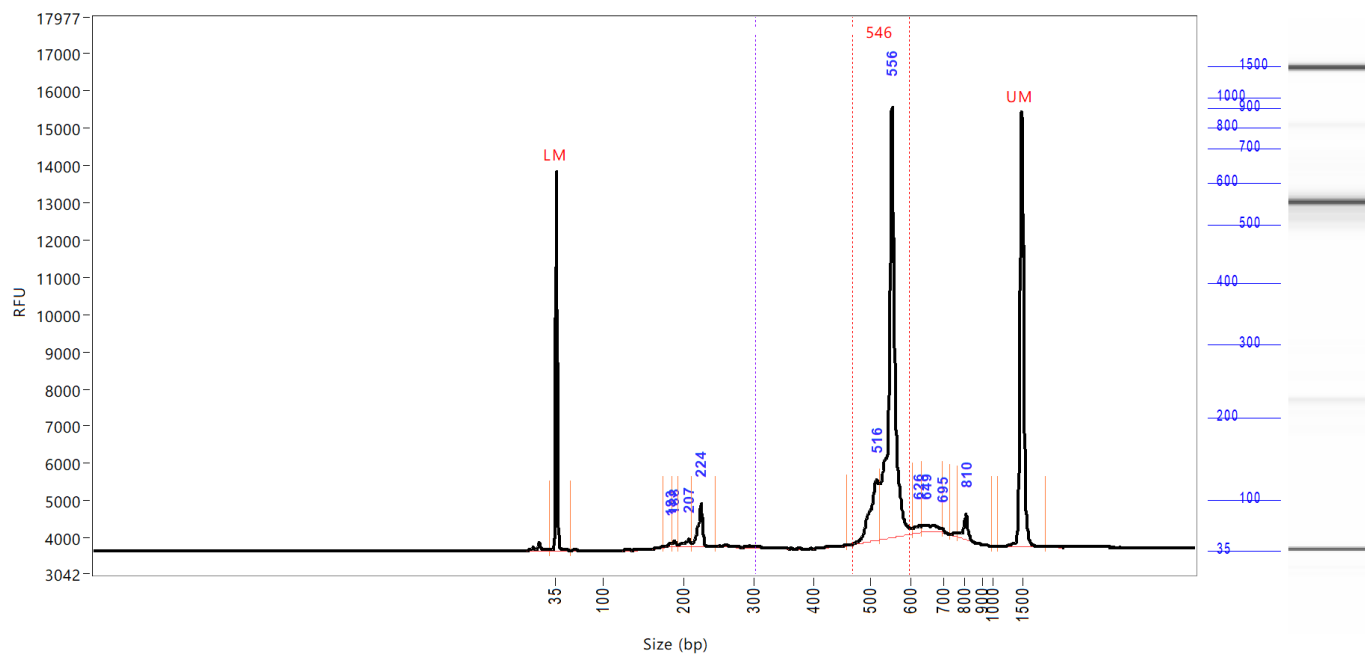
Sample: e1100004497_NW175_G09**Well Location:** G9**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4253	
546	6.5509	33.7
631	8.5971	37.1
794	8.3542	29.0
1113	0.0804	0.2
1500 (UM)	0.5000	

TIC:	23.5826	ng/uL
TIM:	60.2426	nmole/L
Total Conc.:	23.8733	ng/uL
DQN:	9.9	
Threshold:	300	

Smear Analysis 470 bp to 600 bp 8.1501 ng/ul 34.1 %Total 24.6356 nmole/L 544 Avg. Size (bp) 6.05 %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): 45
 Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
 Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
 Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
 Size Threshold (b.p.): 300

Sample: e1100004498_NW175_G10**Well Location:** G10**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
-----------	---------------	------------------------

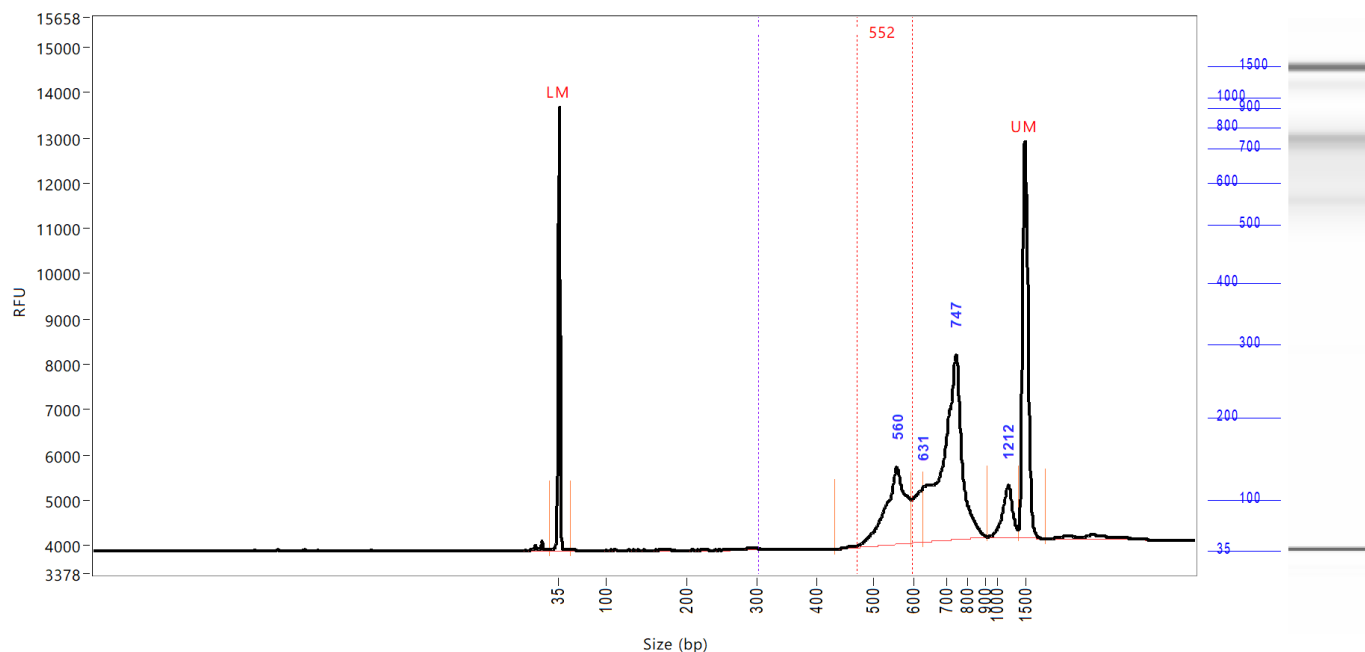
35 (LM)	0.4285	
183	0.1008	1.6
188	0.1297	2.0
207	0.3074	4.4
224	1.1063	14.4
516	2.3187	13.2
556	11.4140	59.7
626	0.1971	0.9
649	0.4276	1.9
695	0.0361	0.1
810	0.4737	1.7
1500 (UM)	0.5000	

TIC:	16.5114	ng/uL
TIM:	56.7827	nmole/L
Total Conc.:	16.8468	ng/uL

DQN:	8.9
Threshold:	300

Smear Analysis	470 bp to 600 bp	13.5984 ng/uL	80.7 %Total	40.9985 nmole/L	546 Avg. Size (bp)	3.94 %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): 45
Marker Peak Width (sec): 5	Marker Min Peak Height: 500	Marker Baseline V to V?: Y	Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU		Upper Marker Selection: Last Peak > 500 RFU	
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500			
Quantification Using: Upper Marker	Final Concentration (ng/uL): 0.5000		Dilution Factor: 12.0
Size Threshold (b.p.): 300			

Sample: e1100004499_NW175_G11**Well Location:** G11**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
-----------	---------------	------------------------

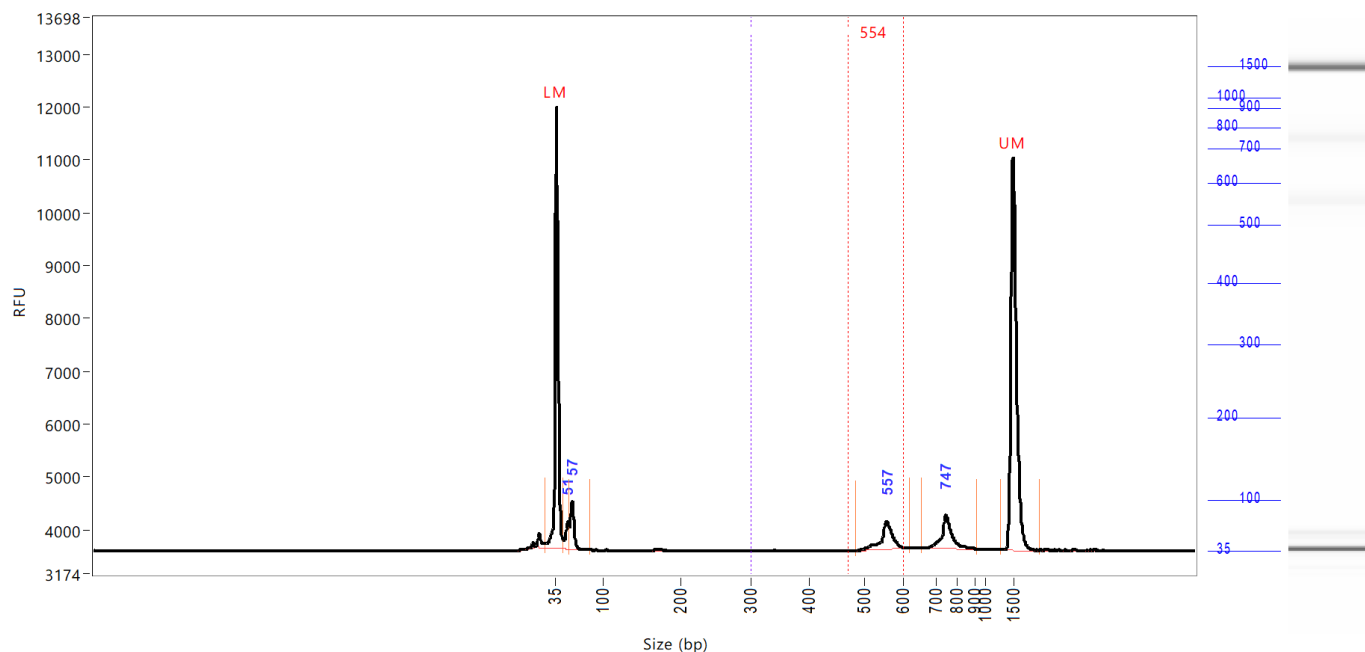
35 (LM)	0.4065	
560	4.9695	32.8
631	1.6174	9.5
747	10.5898	53.3
1212	1.4289	4.4
1500 (UM)	0.5000	

TIC:	18.6056	ng/uL
TIM:	45.3522	nmole/L
Total Conc.:	18.8393	ng/uL

DQN:	9.9
Threshold:	300

Smear Analysis	470 bp to 600 bp	5.0700 ng/ul	26.9 %Total	15.1025 nmole/L	552 Avg. Size (bp)	5.24 %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): 45
Marker Peak Width (sec): 5	Marker Min Peak Height: 500	Marker Baseline V to V?: Y	Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU		Upper Marker Selection: Last Peak > 500 RFU	
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500			
Quantification Using: Upper Marker	Final Concentration (ng/uL): 0.5000		Dilution Factor: 12.0
Size Threshold (b.p.): 300			

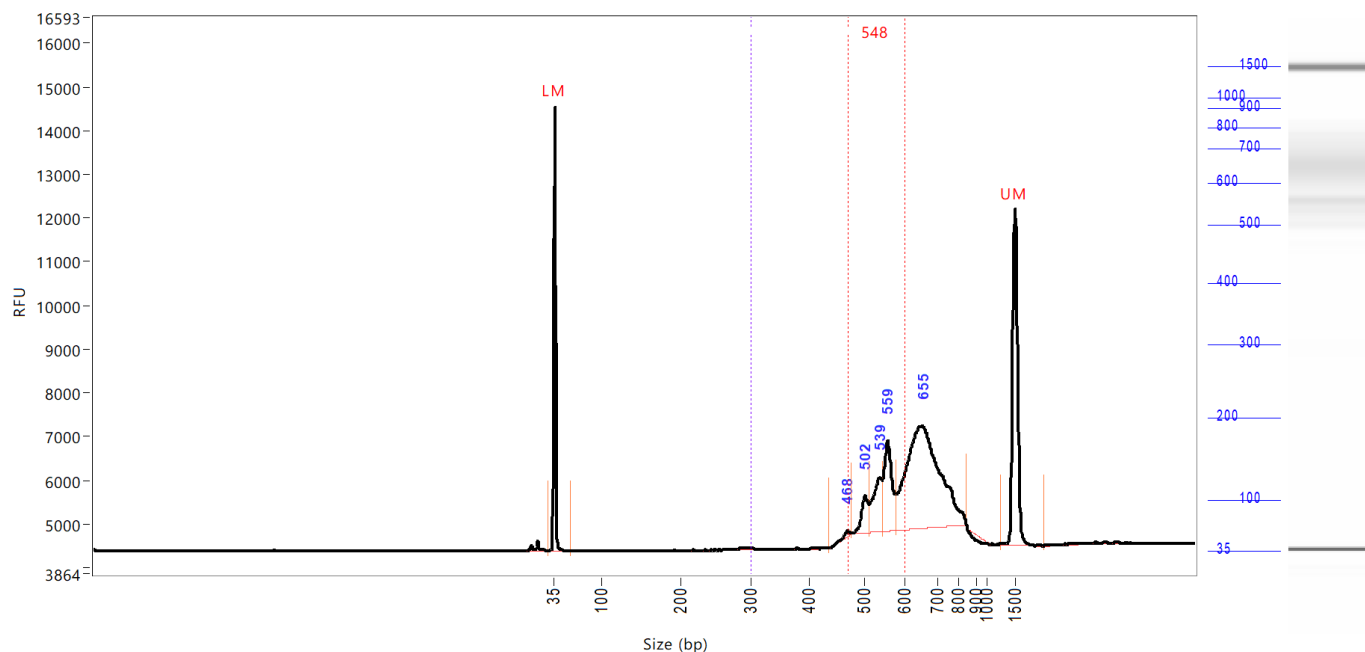
Sample: e1100004500_NW175_G12**Well Location:** G12**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.6071	
51	0.5095	34.2
57	0.9403	55.4
557	0.9802	6.0
747	0.9901	4.4
1500 (UM)	0.5000	

TIC:	3.4200	ng/uL
TIM:	48.8021	nmole/L
Total Conc.:	3.6697	ng/uL
DQN:	5.6	
Threshold:	300	

Smear Analysis 470 bp to 600 bp 0.9776 ng/ul 26.6 %Total 2.9061 nmole/L 554 Avg. Size (bp) 3.72 %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): 45
Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
Size Threshold (b.p.): 300

Sample: e1100004501_NW175_H01**Well Location:** H1**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
-----------	---------------	------------------------

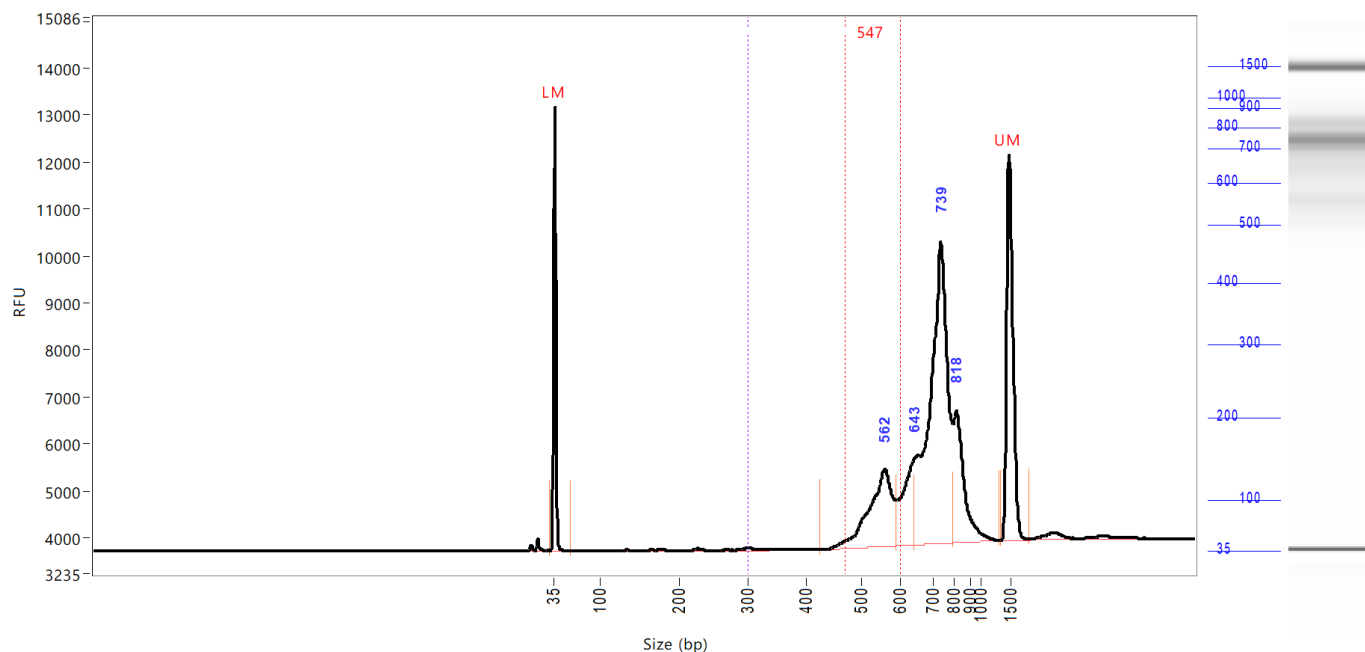
35 (LM)	0.4975	
468	0.1610	1.1
502	1.0655	6.7
539	1.9490	11.6
559	2.9883	16.9
655	13.4156	63.7
1500 (UM)	0.5000	

TIC:	19.5794	ng/uL
TIM:	52.1034	nmole/L
Total Conc.:	19.8721	ng/uL

DQN:	9.9
Threshold:	300

Smear Analysis	470 bp to 600 bp	7.1760 ng/ul	36.1 %Total	21.5411 nmole/L	548 Avg. Size (bp)	5.43 %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): 45
Marker Peak Width (sec): 5	Marker Min Peak Height: 500	Marker Baseline V to V?: Y	Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU		Upper Marker Selection: Last Peak > 500 RFU	
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500			
Quantification Using: Upper Marker	Final Concentration (ng/uL): 0.5000		Dilution Factor: 12.0
Size Threshold (b.p.): 300			

Sample: e1100004503_NW175_H03**Well Location:** H3**Created:** Wednesday, June 7, 2023 1:07:38 PM

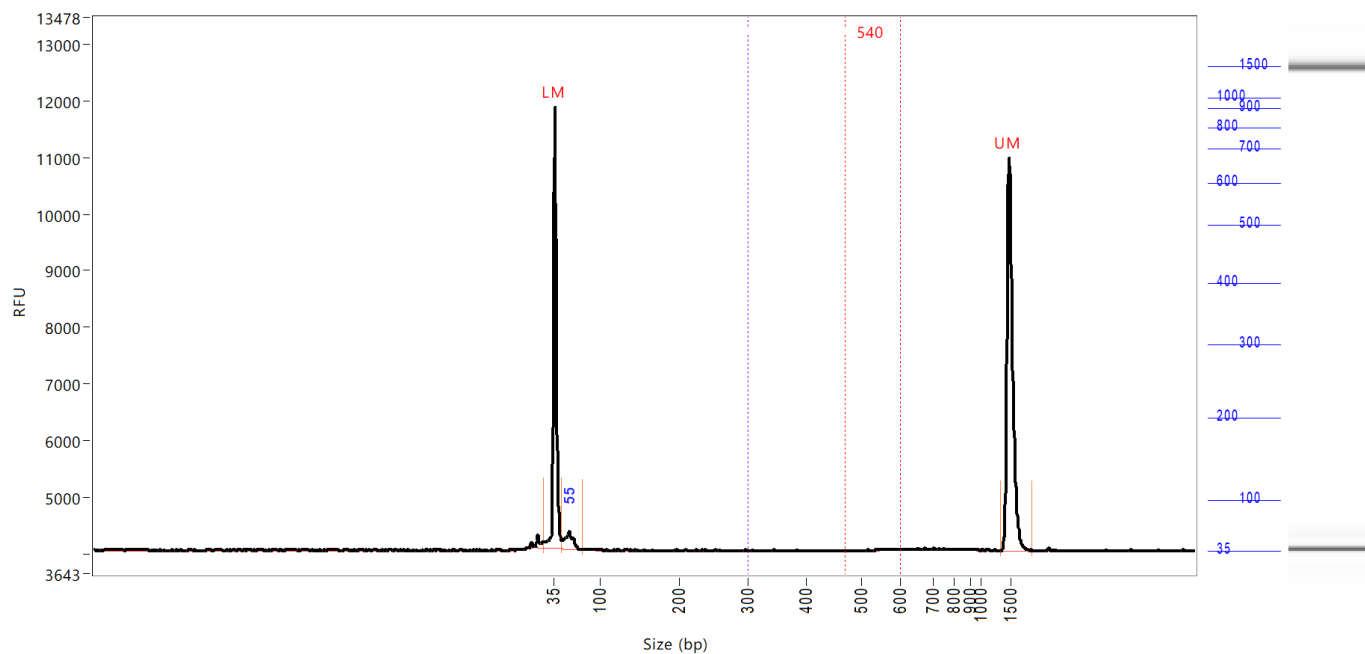
Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
-----------	---------------	------------------------

35 (LM)	0.4193	
562	5.0980	24.7
643	2.7300	11.6
739	14.3889	52.2
818	3.7275	11.5
1500 (UM)	0.5000	

TIC:	25.9443	ng/uL
TIM:	62.6985	nmole/L
Total Conc.:	26.1111	ng/uL
DQN:	9.9	
Threshold:	300	

Smear Analysis	470 bp to 600 bp	5.3599 ng/ul	20.5 %Total	16.1159 nmole/L	547 Avg. Size (bp)	5.79 %CV
----------------	------------------	--------------	-------------	-----------------	--------------------	----------

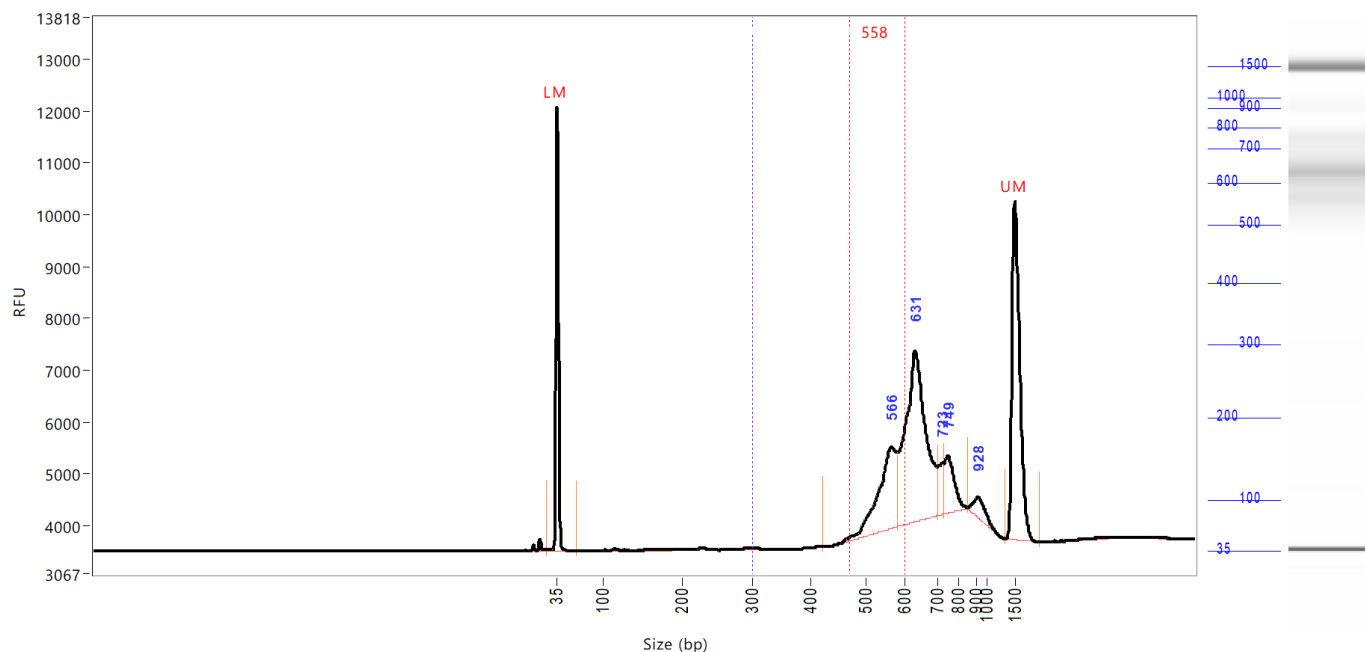
Sample Peak Width (sec): 5	Sample Min Peak Height: 100	Sample Baseline V to V?: Y	Sample Baseline V to V pts: 3
Sample Filter: Binomial	# of Pts for Filter: 3	Sample Start Region (min): 0	Sample End Region (min): 45
Marker Peak Width (sec): 5	Marker Min Peak Height: 500	Marker Baseline V to V?: Y	Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU		Upper Marker Selection: Last Peak > 500 RFU	
Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500			
Quantification Using: Upper Marker	Final Concentration (ng/uL): 0.5000		Dilution Factor: 12.0
Size Threshold (b.p.): 300			

Sample: e1100004504_NW175_H04**Well Location:** H4**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.5850	
55	0.7468	100.0
1500 (UM)	0.5000	
TIC: 0.7468 ng/uL		
TIM: 22.2497 nmole/L		
Total Conc.: 1.1436 ng/uL		
DQN: 2.0		
Threshold: 300		

Smear Analysis 470 bp to 600 bp 0.0567 ng/ul 5.0 %Total 0.1728 nmole/L 540 Avg. Size (bp) 6.90 %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): 45
Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
Size Threshold (b.p.): 300

Sample: e1100004505_NW175_H05**Well Location:** H5**Created:** Wednesday, June 7, 2023 1:07:38 PM

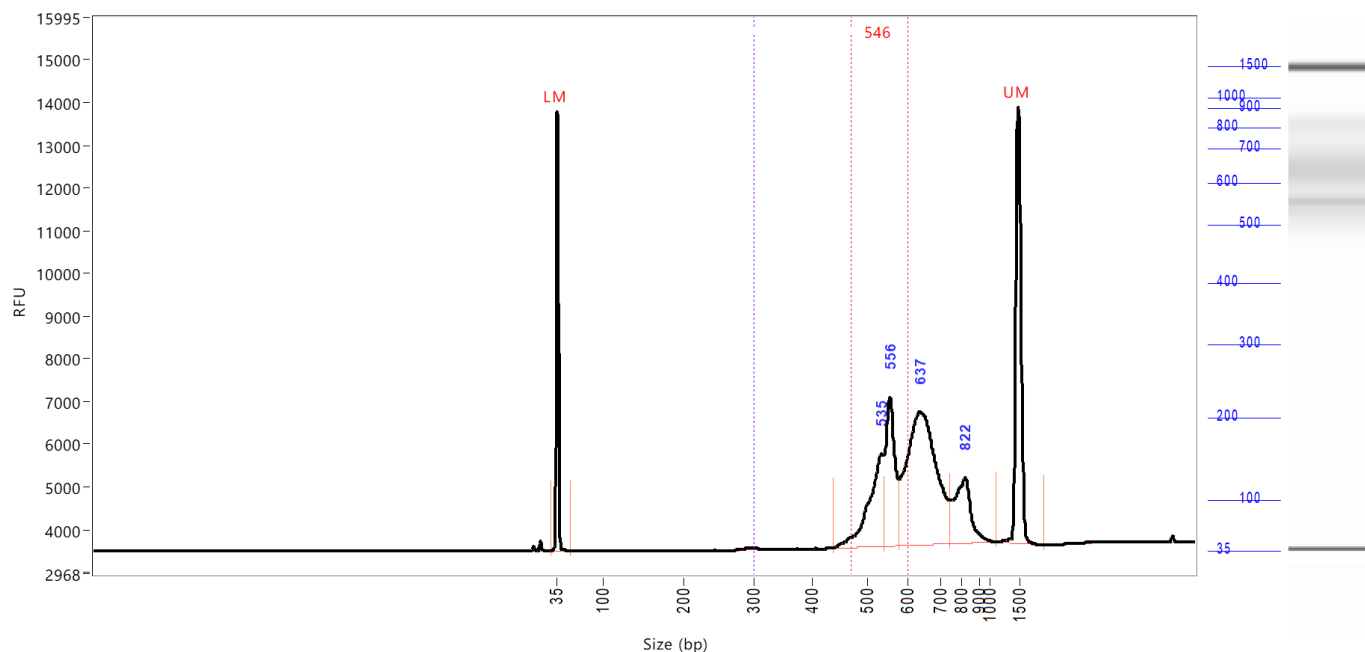
Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4210	
566	4.0139	29.4
631	8.9770	56.6
723	0.6986	3.9
749	1.4380	7.5
928	0.6188	2.6
1500 (UM)	0.5000	

TIC: 15.7462 ng/uL
 TIM: 41.1970 nmole/L
 Total Conc.: 15.9713 ng/uL

DQN: 9.8
 Threshold: 300

Smear Analysis 470 bp to 600 bp 5.2201 ng/ul 32.7 %Total 15.3944 nmole/L 558 Avg. Size (bp) 5.33 %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): 45
 Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
 Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
 Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
 Size Threshold (b.p.): 300

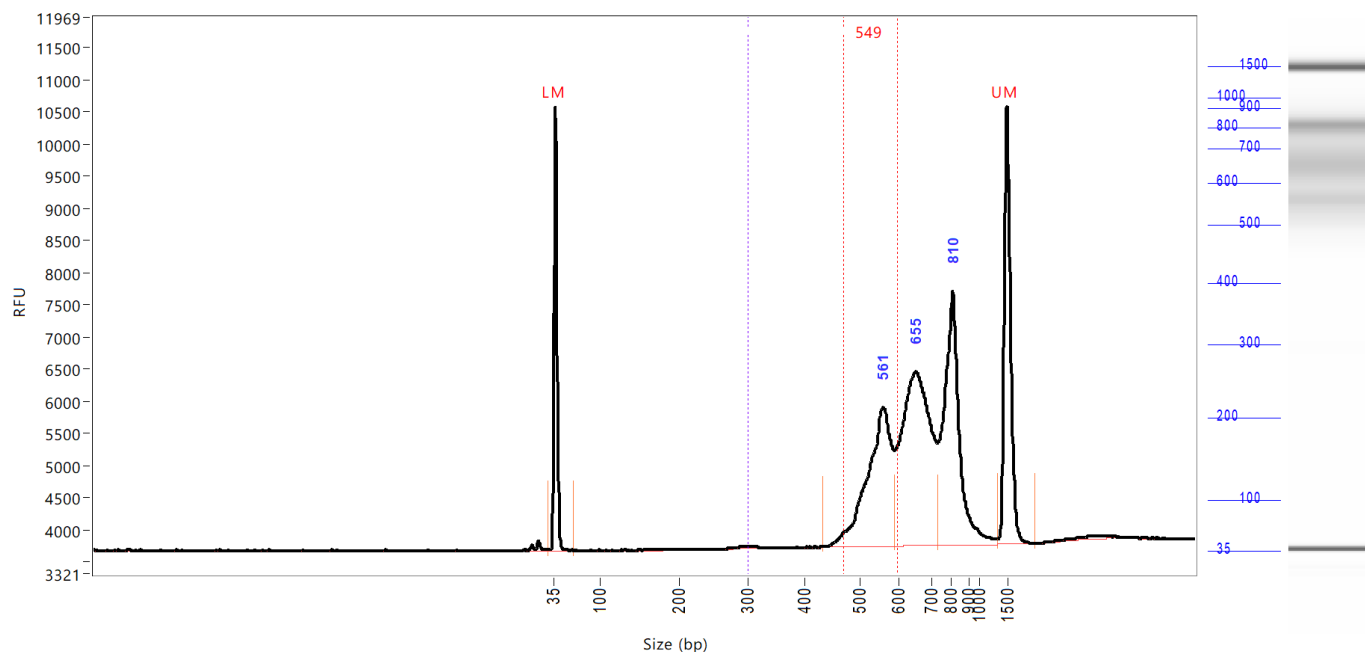
Sample: e1100004506_NW175_H06**Well Location:** H6**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.3948	
535	4.0602	21.4
556	4.3229	20.9
637	11.5608	48.1
822	2.9132	9.7
1500 (UM)	0.5000	

TIC:	22.8571	ng/uL
TIM:	61.1011	nmole/L
Total Conc.:	22.9142	ng/uL
DQN:	9.9	
Threshold:	300	

Smear Analysis 470 bp to 600 bp 9.5078 ng/ul 41.5 %Total 28.6566 nmole/L 546 Avg. Size (bp) 5.70 %CV

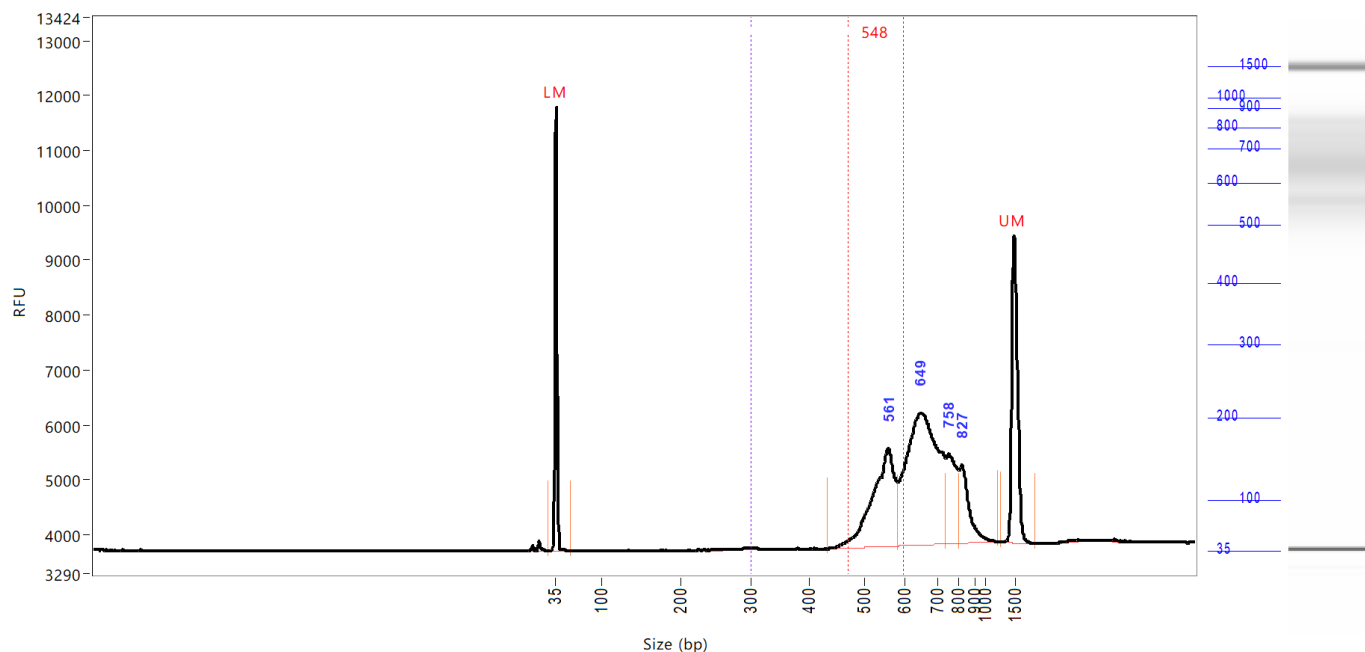
Sample Peak Width (sec): 5 Sample Min Peak Height: 100 Sample Baseline V to V?: Y Sample Baseline V to V pts: 3
 Sample Filter: Binomial # of Pts for Filter: 3 Sample Start Region (min): 0 Sample End Region (min): 45
 Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
 Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
 Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
 Size Threshold (b.p.): 300

Sample: e1100004507_NW175_H07**Well Location:** H7**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4695	
561	8.4445	34.7
655	12.0731	41.0
810	8.9424	24.3
1500 (UM)	0.5000	
TIC: 29.4600 ng/uL		
TIM: 73.8494 nmole/L		
Total Conc.: 29.5608 ng/uL		
DQN: 9.9		
Threshold: 300		

Smear Analysis 470 bp to 600 bp 8.9176 ng/ul 30.2 %Total 26.7533 nmole/L 549 Avg. Size (bp) 5.86 %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): 45
 Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
 Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
 Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
 Size Threshold (b.p.): 300

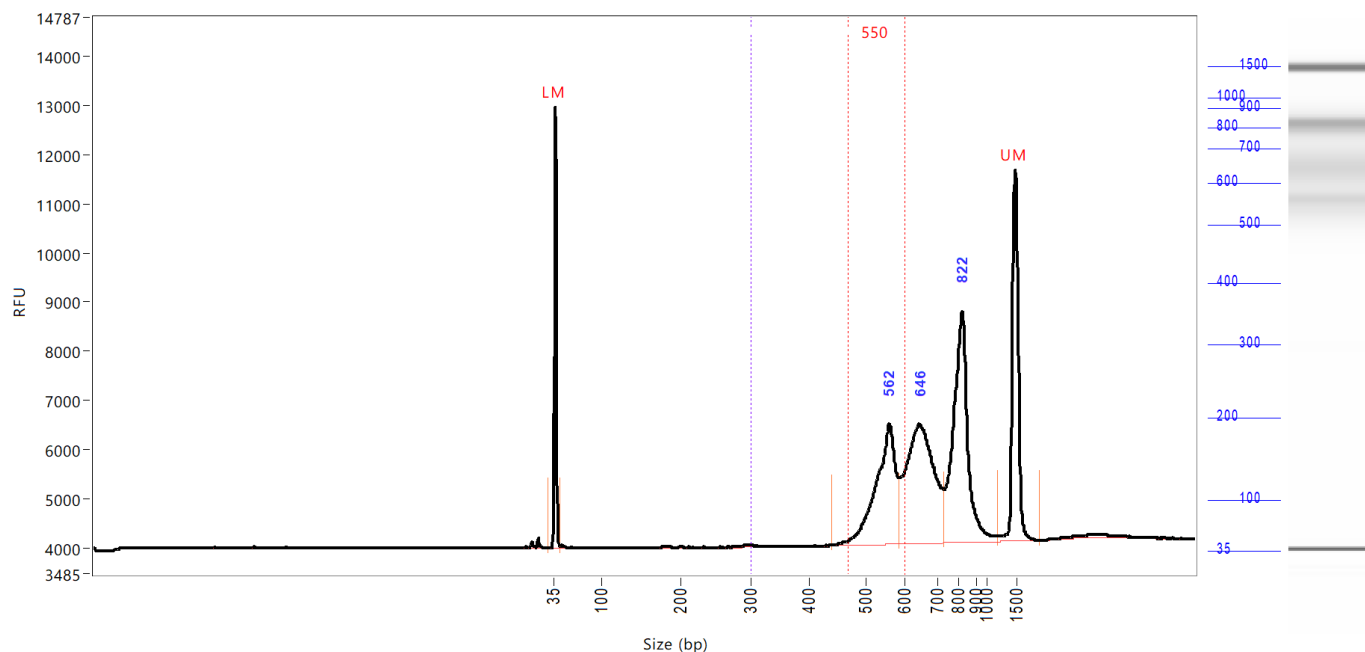
Sample: e1100004508_NW175_H08**Well Location:** H8**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.5398	
561	8.5639	32.8
649	16.2687	51.2
758	3.4675	9.3
827	2.7688	6.7
1500 (UM)	0.5000	

TIC:	31.0689	ng/uL
TIM:	79.5966	nmole/L
Total Conc.:	31.2355	ng/uL
DQN:	9.9	
Threshold:	300	

Smear Analysis 470 bp to 600 bp 9.7824 ng/ul 31.3 %Total 29.3584 nmole/L 548 Avg. Size (bp) 5.81 %CV

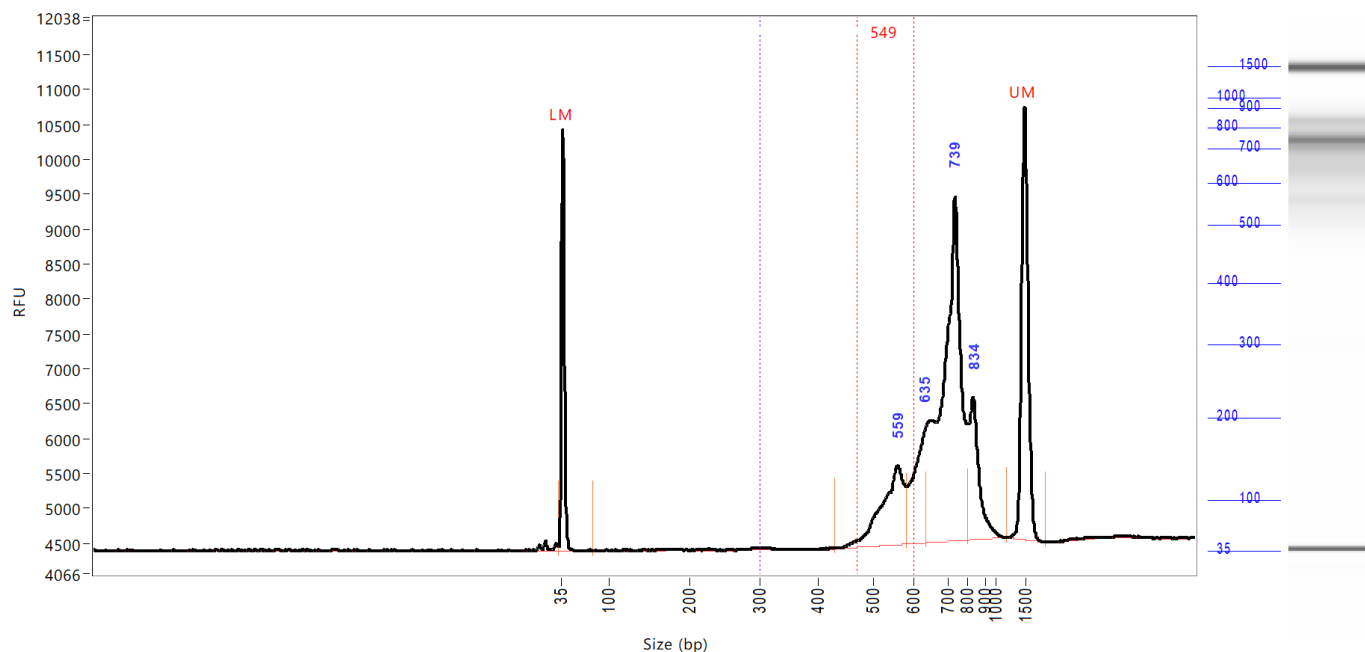
Sample Peak Width (sec): 5 Sample Min Peak Height: 100 Sample Baseline V to V?: Y Sample Baseline V to V pts: 3
 Sample Filter: Binomial # of Pts for Filter: 3 Sample Start Region (min): 0 Sample End Region (min): 45
 Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
 Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
 Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
 Size Threshold (b.p.): 300

Sample: e1100004509_NW175_H09**Well Location:** H9**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.3923	
562	7.3227	33.3
646	9.9760	38.1
822	9.4600	28.6
1500 (UM)	0.5000	
TIC: 26.7587 ng/uL		
TIM: 66.4814 nmole/L		
Total Conc.: 27.0579 ng/uL		
DQN: 9.9		
Threshold: 300		

Smear Analysis 470 bp to 600 bp 8.1704 ng/ul 30.2 %Total 24.4256 nmole/L 550 Avg. Size (bp) 5.42 %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): 45
 Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
 Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
 Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
 Size Threshold (b.p.): 300

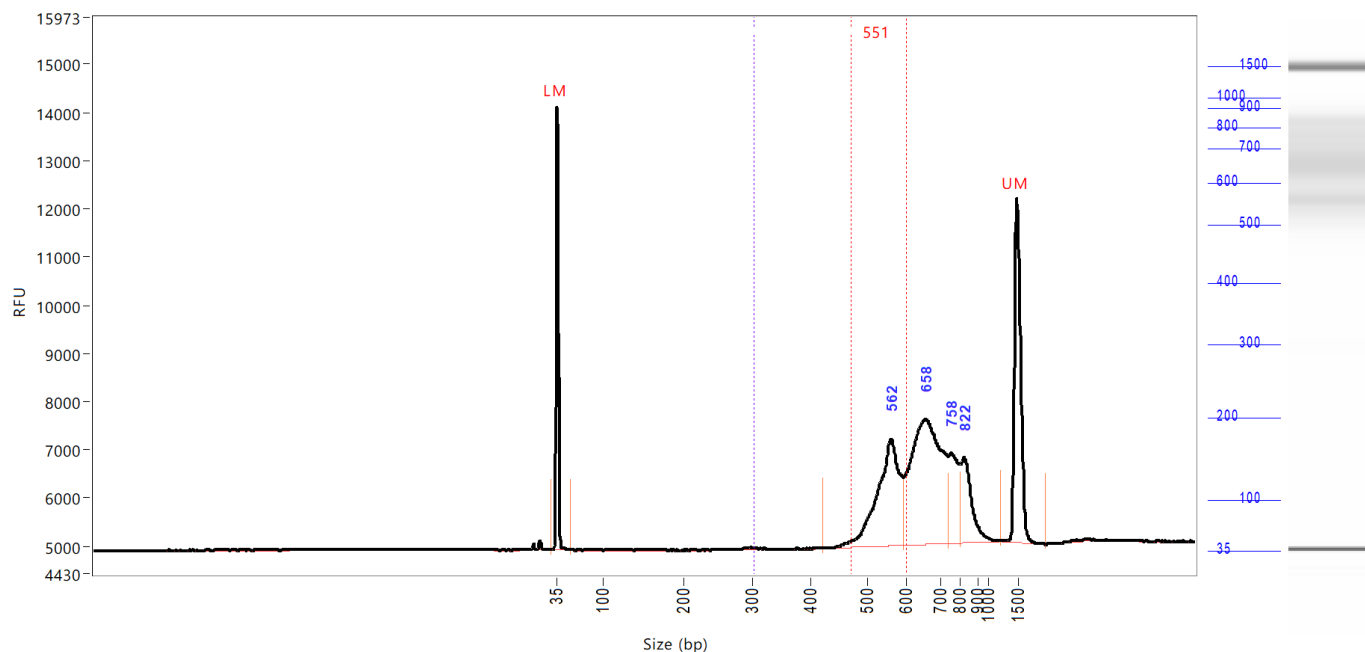
Sample: e1100004510_NW175_H10**Well Location:** H10**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
35 (LM)	0.4366	
559	4.3804	21.7
635	3.1190	13.5
739	14.7057	54.7
834	3.2386	10.1
1500 (UM)	0.5000	

TIC:	25.4436	ng/uL
TIM:	61.9373	nmole/L
Total Conc.:	25.5857	ng/uL
DQN:	9.9	
Threshold:	300	

Smear Analysis 470 bp to 600 bp 5.1357 ng/ul 20.1 %Total 15.4075 nmole/L 549 Avg. Size (bp) 5.97 %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): 45
 Marker Peak Width (sec): 5 Marker Min Peak Height: 500 Marker Baseline V to V?: Y Marker Baseline V to V pts: 3
 Lower Marker Selection: First Peak > 6000 RFU Upper Marker Selection: Last Peak > 500 RFU
 Ladder Size (bp): 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500
 Quantification Using: Upper Marker Final Concentration (ng/uL): 0.5000 Dilution Factor: 12.0
 Size Threshold (b.p.): 300

Sample: e1100004511_NW175_H11**Well Location:** H11**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
-----------	---------------	------------------------

35 (LM)	0.4442	
---------	--------	--

562	7.7613	36.1
-----	--------	------

658	12.0359	46.3
-----	---------	------

758	2.6854	8.9
-----	--------	-----

822	2.8929	8.7
-----	--------	-----

1500 (UM)	0.5000	
-----------	--------	--

TIC:	25.3755	ng/uL
------	---------	-------

TIM:	64.6770	nmole/L
------	---------	---------

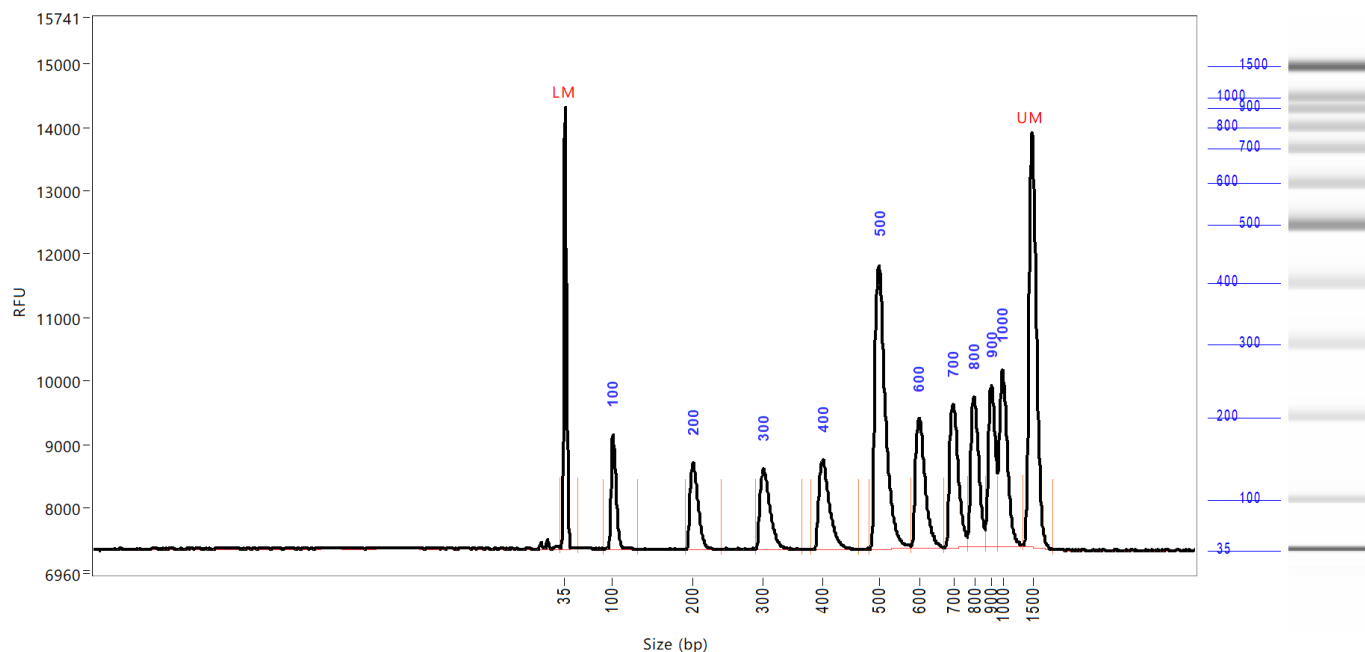
Total Conc.:	25.5250	ng/uL
--------------	---------	-------

DQN:	9.9
------	-----

Threshold:	300
------------	-----

Smear Analysis	470 bp to 600 bp	8.0856 ng/ul	31.7 %Total	24.1434 nmole/L	551 Avg. Size (bp)	5.51 %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): 45
Marker Peak Width (sec): 5	Marker Min Peak Height: 500	Marker Baseline V to V?: Y	Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU		Upper Marker Selection: Last Peak > 500 RFU	
Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500			
Quantification Using: Upper Marker	Final Concentration (ng/uL): 0.5000		Dilution Factor: 12.0
Size Threshold (b.p.): 300			

Sample: e1100004512_NW175_H12**Well Location:** H12**Created:** Wednesday, June 7, 2023 1:07:38 PM

Size (bp)	Conc. (ng/uL)	Rel. Conc. % (nmole/L)
--------------	------------------	---------------------------

35 (LM)	0.4048	
100	2.1028	27.1
200	2.1921	14.2
300	2.3204	10.0
400	2.4756	8.0
500	6.9917	18.2
600	2.7975	6.1
700	2.7261	5.1
800	2.5684	4.2
900	2.3926	3.5
1000	2.8762	3.7
1500 (UM)	0.5000	

TIC:	29.4434	ng/uL
TIM:	125.0033	nmole/L
Total Conc.:	29.5403	ng/uL

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): 45
Marker Peak Width (sec): 5	Marker Min Peak Height: 500	Marker Baseline V to V?: Y	Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 6000 RFU		Upper Marker Selection: Last Peak > 500 RFU	
Ladder Size (bp) 35, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1500			
Quantification Using: Upper Marker	Final Concentration (ng/uL): 0.5000	Dilution Factor: 12.0	
Size Threshold (b.p.): 300			

Sample: e1100004512_NW175_H12**Well Location:** H12**Created:** Wednesday, June 7, 2023 1:07:38 PM**Fit Type:** Point to Point

Calibration Curve

