Fragment Analyzer Run Summary:

Filename and Data Path: C:\AATI\Data\PF1\2016 03 09\NGS-HS-160309-pl129-bq-finales-4 19-09-12\2016 03 09 19H 09M.raw
Created: Wednesday, March 09, 2016 7:25:15 PM
# of Capillaries: 12
Array Serial #: 061313-01SFS
Effect Length: 33 cm
Array Usage Count: 1277
FA Version #: 1.1.0.11
Device Serial #: 2675

METHOD INFORMATION
Method Name: DNF-474-33 - HS NGS Fragment 1-6000bp-60mn.mthds
Gel Prime: No
Full Conditioning: Yes
Gel Prime to Bufer: No
Gel Selection: Gel 2
Perform Prerun: 6.0 kV, 30 sec.
Rinse: No
Marker 1: No
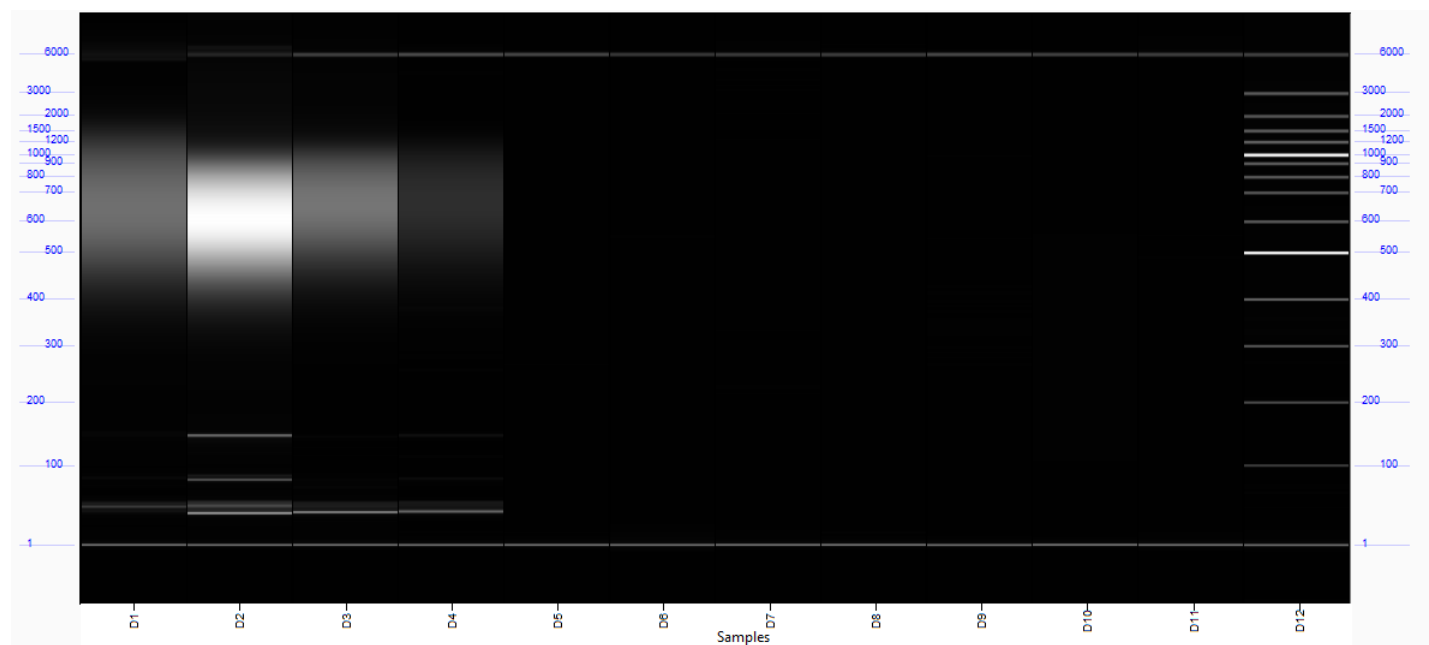**Rinse:** Tray: 3, Row: A, # Dips: 1
Sample Injection: 5.0 kV, 30 sec.
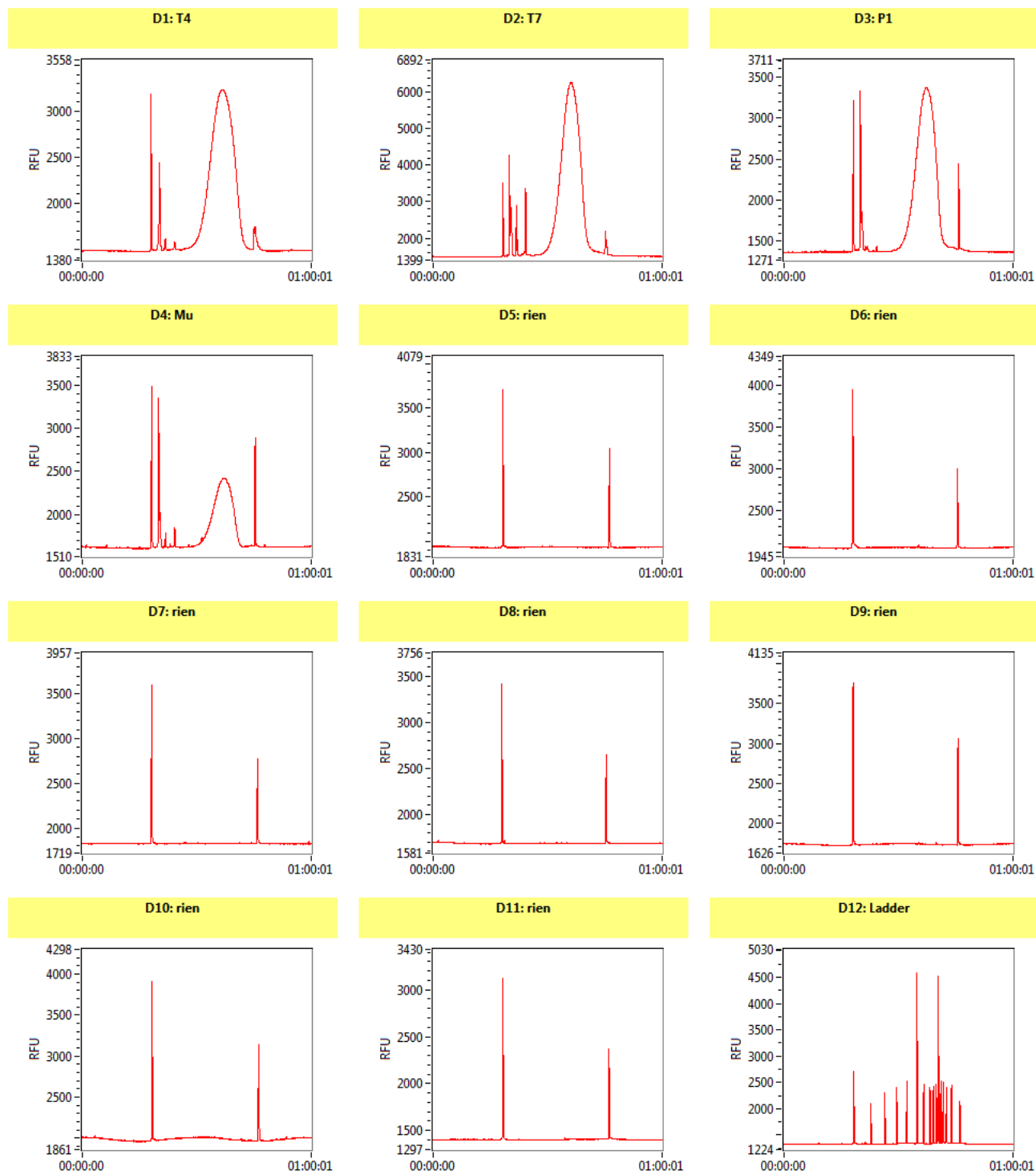**Separation:** 6.0 kV, 60.0 min.
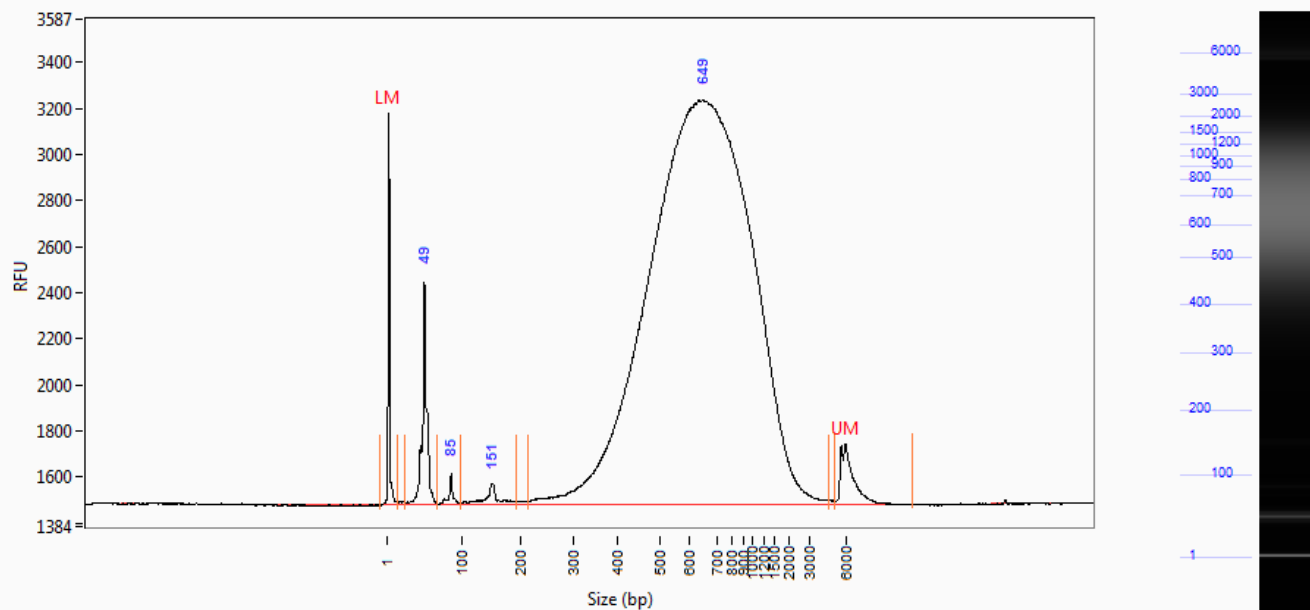**Tray Name:** Tray-1
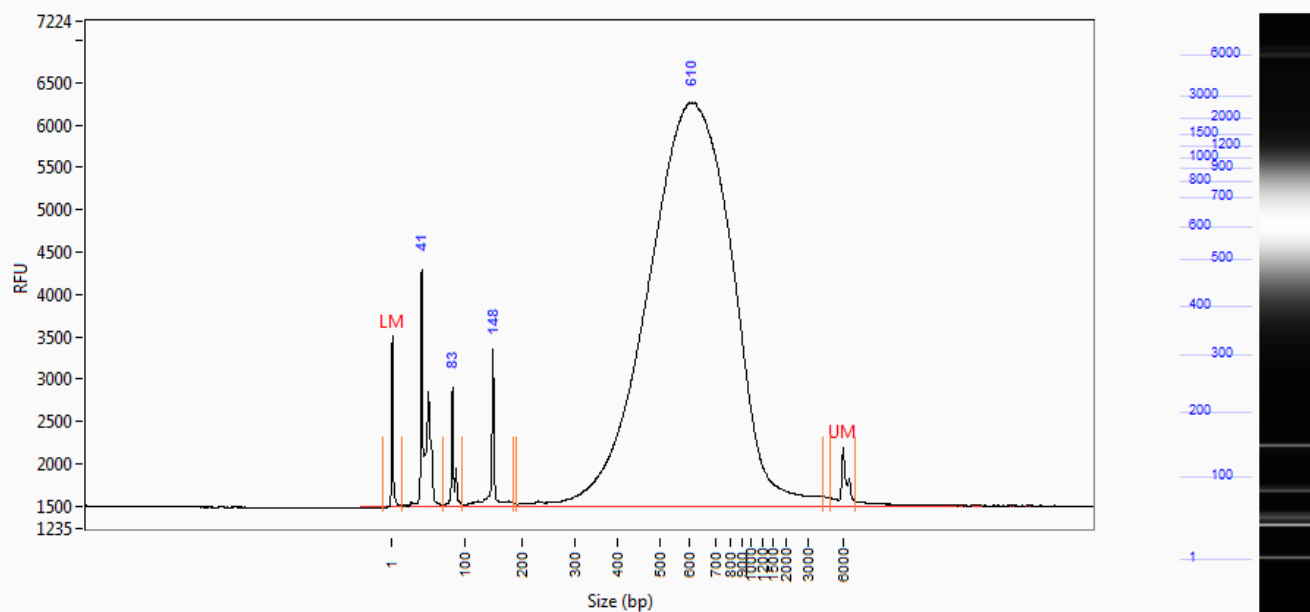
Analysis Mode: NGS

NOTE

Filename and Data Path: C:\AATI\Data\PF1\2016 03 09\NGS-HS-160309-pl129-bq-finales-4 19-09-12\2016 03 09 19H 09M.raw

Sample: T4
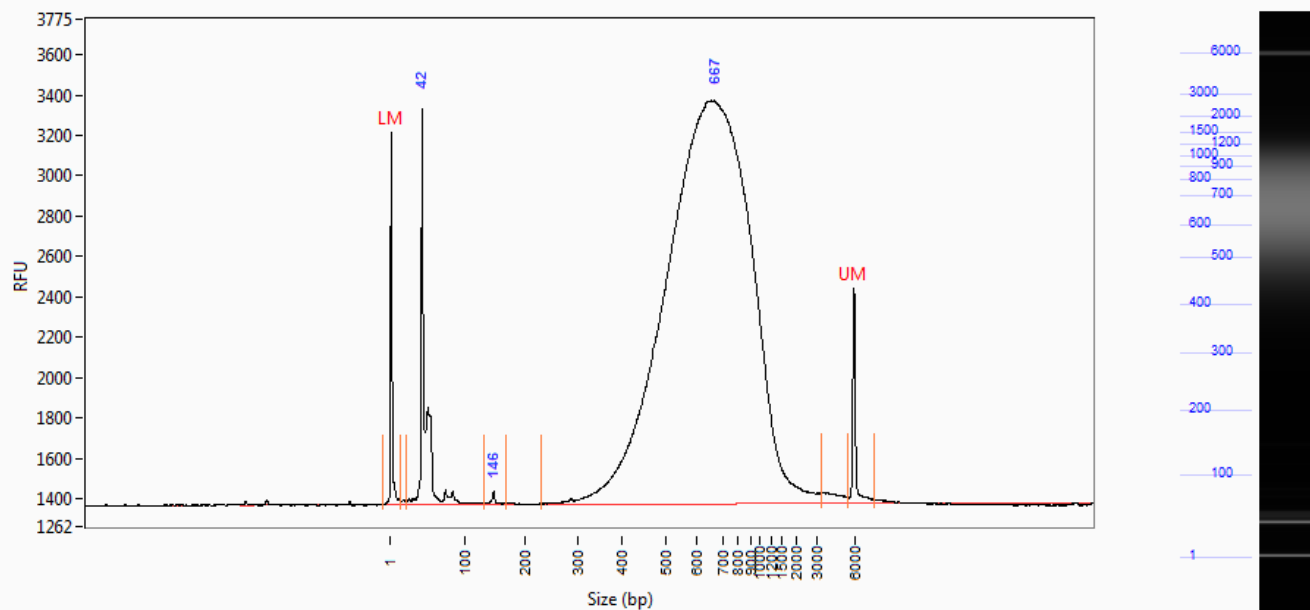**Well Location:** D1
Created: Wednesday, March 09, 2016 7:25:15 PM

Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0104	0	15	1	163.38	1701	9.904
2	49	0.1742	25	67	48	10.66	962	13.857
3	85	0.0200	67	99	83	6.74	134	1.589
4	151	0.0379	99	191	147	13.92	93	3.018
5	649	4.3591	215	4569	716	46.37	1753	346.787
6	6000 (UM)	0.0051	5159	11465	6316	11.01	257	4.855

TIC:	4.5912	ng/uL
TIM:	17.688	nmole/L
Total Conc.:	4.6007	ng/uL

Sample Peak Width (sec): 50   Sample Min Peak Height: 25   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): 60
Manual Baseline Start (min): 10   Manual Baseline End (min): 60
Marker Peak Width (sec): 5   Marker Min Peak Height: 200   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 200 RFU   Upper Marker Selection: Last Peak > 200 RFU
Ladder Size (bp): 1, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1200, 1500, 2000, 3000, 6000
Quantification Using: Ladder   Final Concentration (ng/uL): 0.0830   Dilution Factor: 12.0

Sample: T7
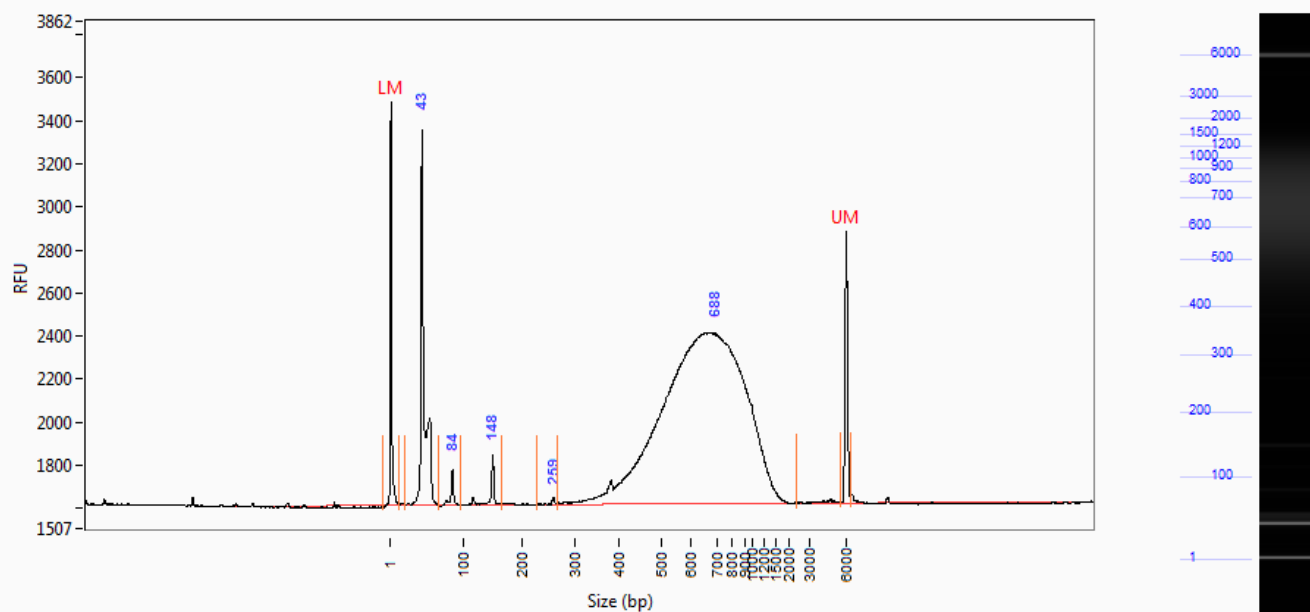**Well Location:** D2
Created: Wednesday, March 09, 2016 7:25:15 PM

Peak	Size	Conc.	From	To	Avg. Size	CV%	RFU	Corr. Peak Area
	(bp)	(ng/uL)	(bp)	(bp)	(bp)			
1	1 (LM)	0.0104	0	15	1	175.75	2015	11.578
2	41	0.4367	15	71	46	15.01	2797	40.614
3	83	0.1219	71	97	83	4.58	1410	11.341
4	148	0.1823	97	189	146	11.03	1866	16.955
5	610	8.4052	184	4319	651	47.08	4773	781.703
6	6000 (UM)	0.0060	4887	6994	6045	7.40	694	6.731

TIC:	9.1461	ng/uL
TIM:	44.465	nmole/L
Total Conc.:	9.1541	ng/uL

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Sample Peak Width (sec): 50    Sample Min Peak Height: 25    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): 60
Manual Baseline Start (min): 10      Manual Baseline End (min): 60
Marker Peak Width (sec): 5     Marker Min Peak Height: 200   Marker Baseline V to V?: Y    Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 200 RFU              Upper Marker Selection: Last Peak > 200 RFU
Ladder Size (bp): 1, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1200, 1500, 2000, 3000, 6000
Quantification Using: Ladder        Final Concentration (ng/uL): 0.0830        Dilution Factor: 12.0
```

Sample: P1
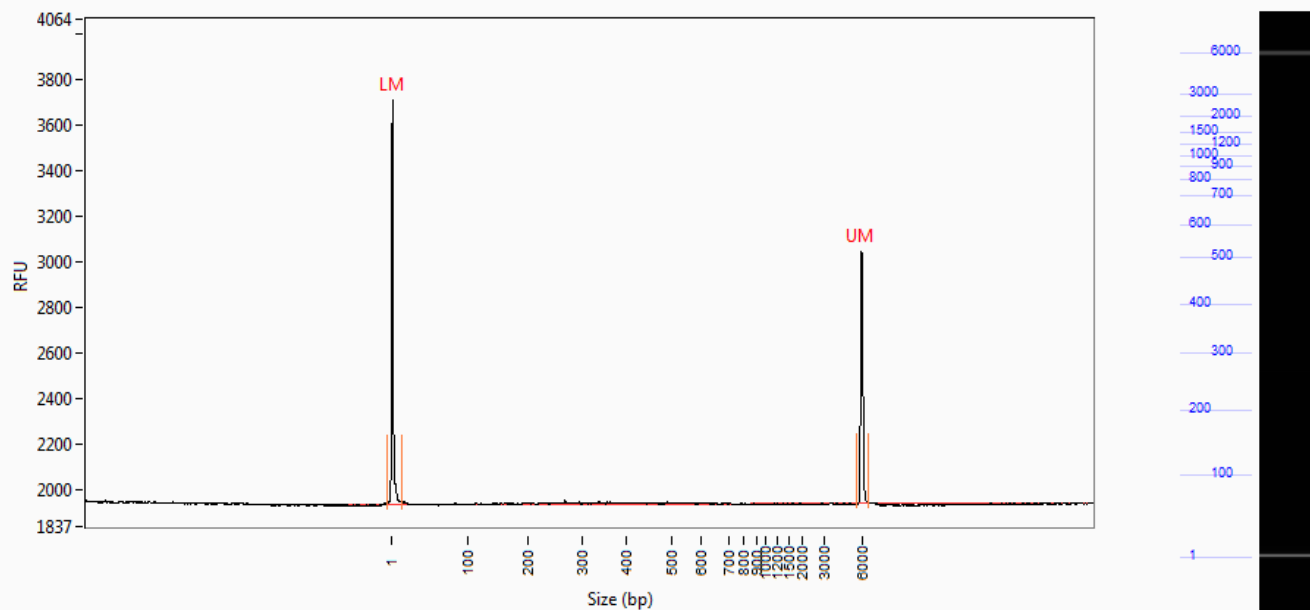**Well Location:** D3
Created: Wednesday, March 09, 2016 7:25:15 PM

Peak	Size	Conc.	From	To	Avg. Size	CV%	RFU	Corr. Peak Area
	(bp)	(ng/uL)	(bp)	(bp)	(bp)			
1	1 (LM)	0.0104	0	14	1	165.12	1840	10.845
2	42	0.2829	22	131	49	27.38	1958	24.640
3	146	0.0068	131	168	146	4.78	63	0.590
4	667	3.6994	230	3387	693	38.06	1999	322.263
5	6000 (UM)	0.0046	5568	7626	6096	5.76	1067	4.773

TIC:	3.9890	ng/uL
TIM:	20.247	nmole/L
Total Conc.:	4.0108	ng/uL

Sample Peak Width (sec): 50   Sample Min Peak Height: 25   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): 60
Manual Baseline Start (min): 10   Manual Baseline End (min): 60
Marker Peak Width (sec): 5   Marker Min Peak Height: 200   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 200 RFU   Upper Marker Selection: Last Peak > 200 RFU
Ladder Size (bp): 1, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1200, 1500, 2000, 3000, 6000
Quantification Using: Ladder   Final Concentration (ng/uL): 0.0830   Dilution Factor: 12.0

Sample: Mu
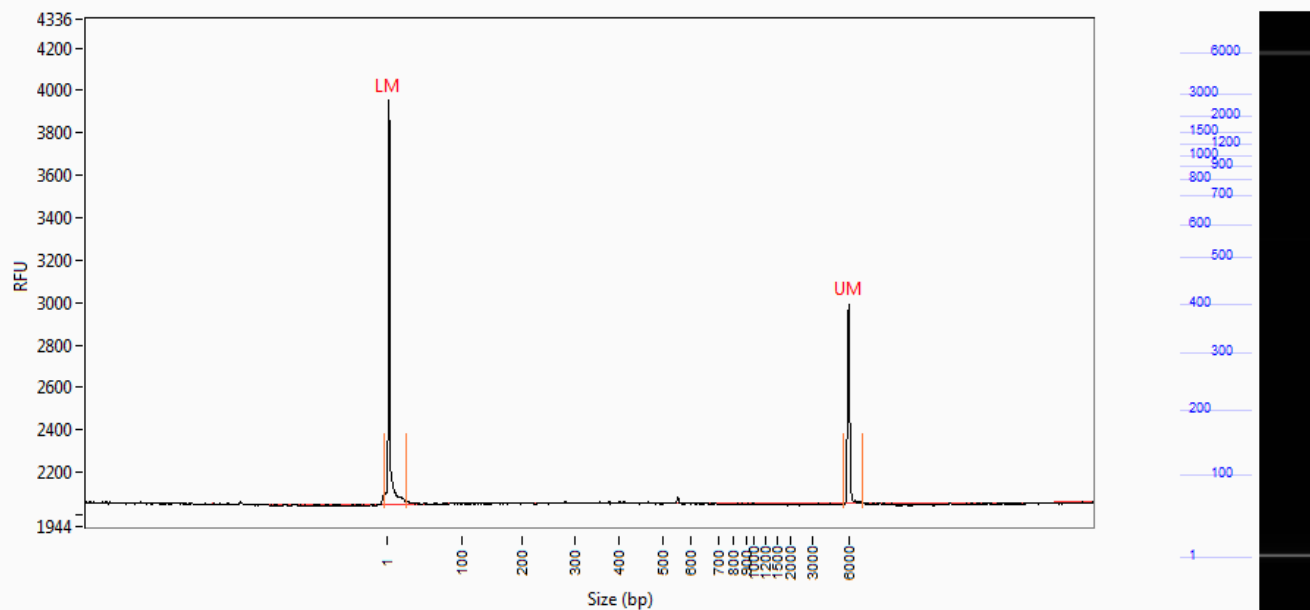**Well Location:** D4
Created: Wednesday, March 09, 2016 7:25:15 PM

Peak	Size	Conc.	From	To	Avg. Size	CV%	RFU	Corr. Peak Area
	(bp)	(ng/uL)	(bp)	(bp)	(bp)			
1	1 (LM)	0.0104	0	14	1	161.81	1871	10.481
2	43	0.2359	22	66	46	11.18	1739	19.858
3	84	0.0151	66	96	82	4.30	165	1.272
4	148	0.0232	96	165	142	8.94	233	1.951
5	259	0.0030	229	267	256	2.81	31	0.255
6	688	1.5137	267	2382	678	28.47	795	127.446
7	6000 (UM)	0.0045	5568	6339	5987	1.56	1260	4.555

TIC:	1.7909	ng/uL
TIM:	13.168	nmole/L
Total Conc.:	1.7982	ng/uL

Sample Peak Width (sec): 50   Sample Min Peak Height: 25   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): 60
Manual Baseline Start (min): 10   Manual Baseline End (min): 60
Marker Peak Width (sec): 5   Marker Min Peak Height: 200   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 200 RFU   Upper Marker Selection: Last Peak > 200 RFU
Ladder Size (bp): 1, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1200, 1500, 2000, 3000, 6000
Quantification Using: Ladder   Final Concentration (ng/uL): 0.0830   Dilution Factor: 12.0

Sample: rien
Well Location: D5
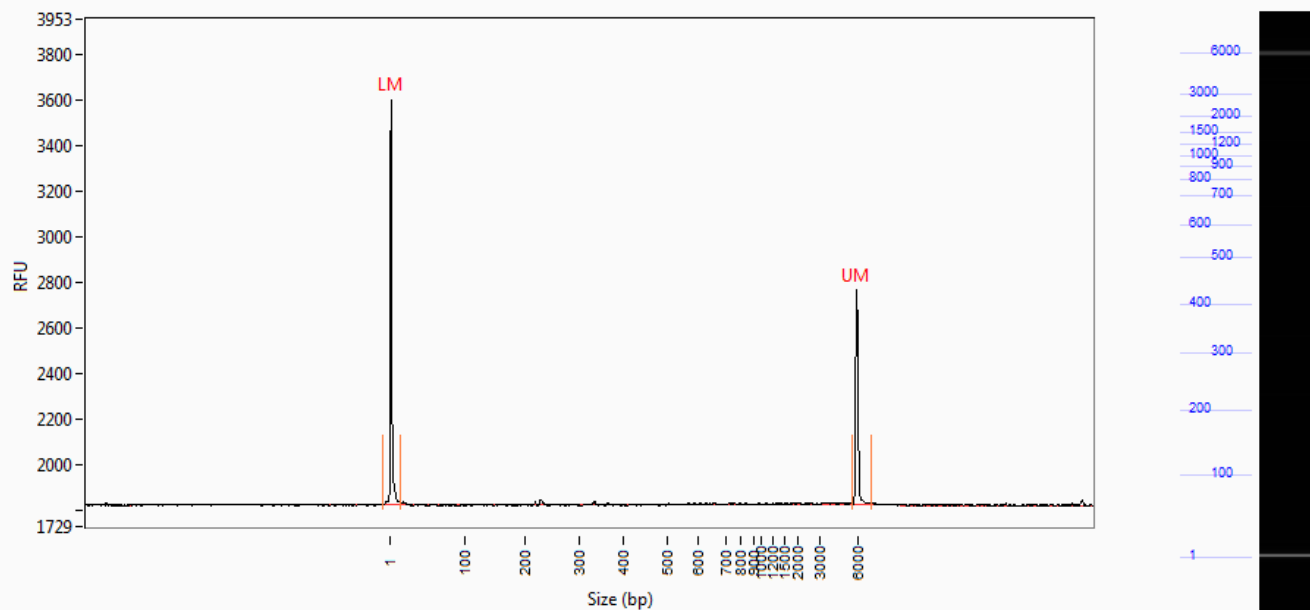**Created:** Wednesday, March 09, 2016 7:25:15 PM

Peak	Size	Conc.	From	To	Avg. Size	CV%	RFU	Corr. Peak Area
	(bp)	(ng/uL)	(bp)	(bp)	(bp)			
1	1 (LM)	0.0104	0	15	1	158.07	1772	10.188
2	6000 (UM)	0.0040	5591	6610	5995	1.59	1106	3.901

TIC:	0.0000	ng/uL	
TIM:	0.000	nmole/L	
Total Conc.:	0.0177	ng/uL	

Sample Peak Width (sec): 50   Sample Min Peak Height: 25   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): 60
Manual Baseline Start (min): 10   Manual Baseline End (min): 60
Marker Peak Width (sec): 5   Marker Min Peak Height: 200   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 200 RFU   Upper Marker Selection: Last Peak > 200 RFU
Ladder Size (bp): 1, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1200, 1500, 2000, 3000, 6000
Quantification Using: Ladder   Final Concentration (ng/uL): 0.0830   Dilution Factor: 12.0

Sample: rien
Well Location: D6
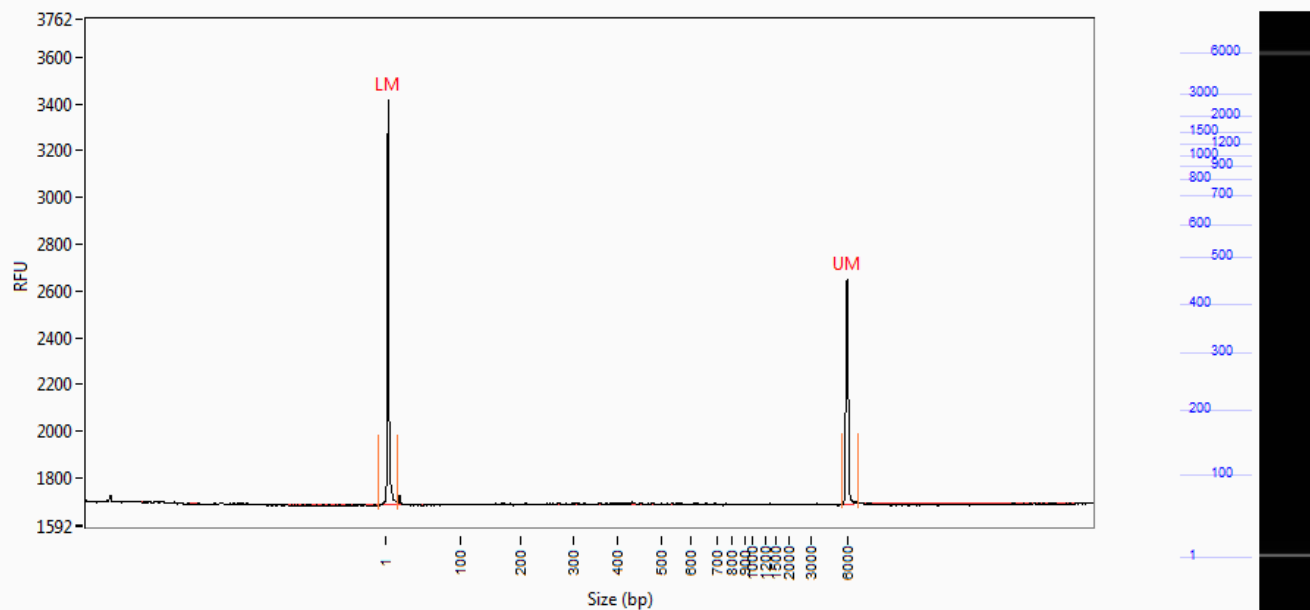**Created:** Wednesday, March 09, 2016 7:25:15 PM

Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0104	0	25	3	182.83	1902	12.784
2	6000 (UM)	0.0027	5614	7129	5996	1.83	937	3.352

TIC:	0.0000	ng/uL
TIM:	0.000	nmole/L
Total Conc.:	0.0111	ng/uL

Sample Peak Width (sec): 50   Sample Min Peak Height: 25   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): 60
Manual Baseline Start (min): 10   Manual Baseline End (min): 60
Marker Peak Width (sec): 5   Marker Min Peak Height: 200   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 200 RFU   Upper Marker Selection: Last Peak > 200 RFU
Ladder Size (bp): 1, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1200, 1500, 2000, 3000, 6000
Quantification Using: Ladder   Final Concentration (ng/uL): 0.0830   Dilution Factor: 12.0

Sample: rien
Well Location: D7
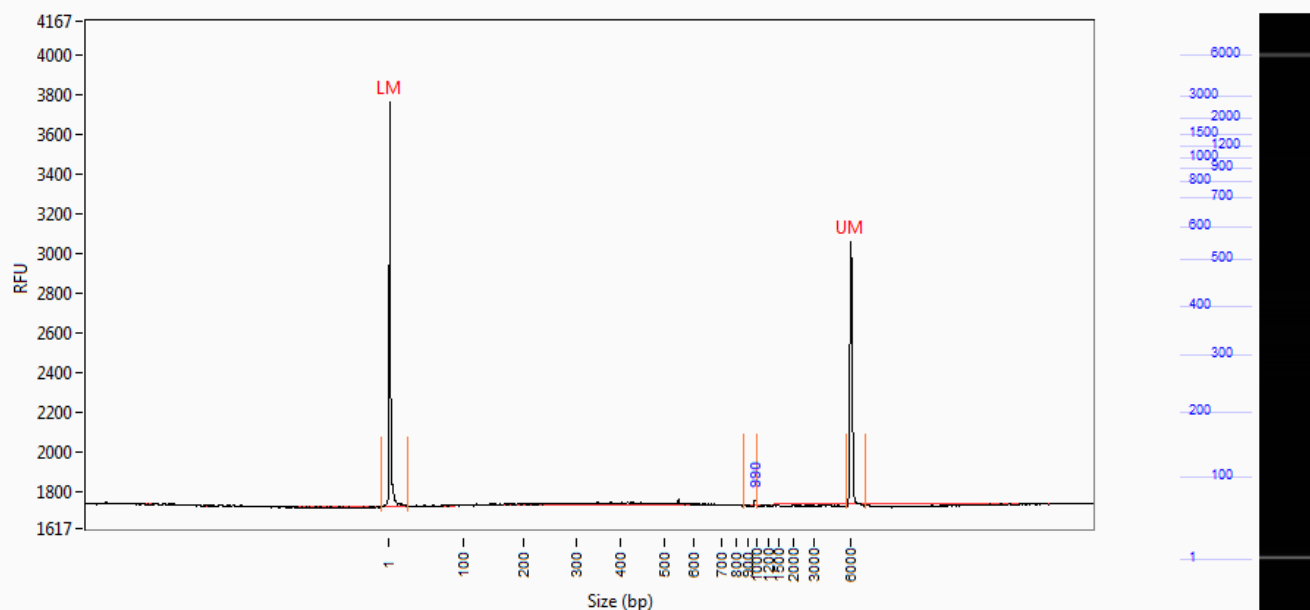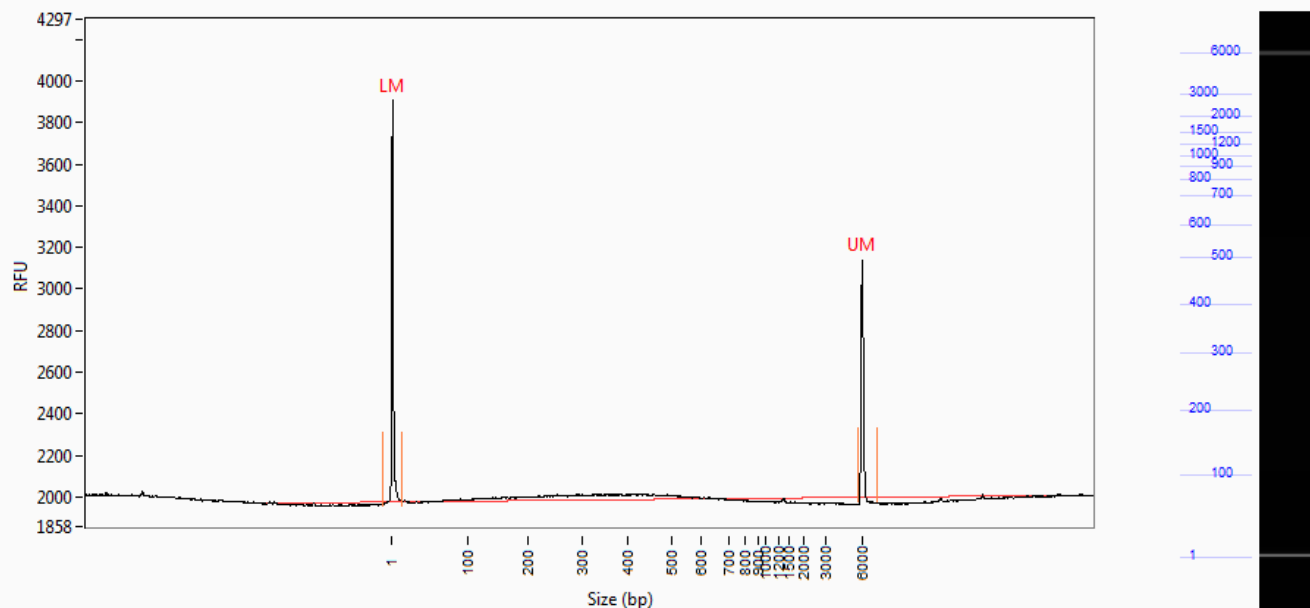**Created:** Wednesday, March 09, 2016 7:25:15 PM

Peak	Size	Conc.	From	To	Avg. Size	CV%	RFU	Corr. Peak Area
	(bp)	(ng/uL)	(bp)	(bp)	(bp)			
1	1 (LM)	0.0104	0	16	1	163.00	1773	10.506
2	6000 (UM)	0.0035	5659	7197	6016	3.01	944	3.578

TIC:	0.0000	ng/uL
TIM:	0.000	nmole/L
Total Conc.:	0.0250	ng/uL

Sample Peak Width (sec): 50   Sample Min Peak Height: 25   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): 60
Manual Baseline Start (min): 10   Manual Baseline End (min): 60
Marker Peak Width (sec): 5   Marker Min Peak Height: 200   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 200 RFU   Upper Marker Selection: Last Peak > 200 RFU
Ladder Size (bp): 1, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1200, 1500, 2000, 3000, 6000
Quantification Using: Ladder   Final Concentration (ng/uL): 0.0830   Dilution Factor: 12.0

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Sample: rien
Well Location: D8
Created: Wednesday, March 09, 2016 7:25:15 PM

Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0104	0	15	1	146.62	1726	10.131
2	6000 (UM)	0.0036	5659	6926	5989	2.07	958	3.497

TIC:	0.0000	ng/uL
TIM:	0.000	nmole/L
Total Conc.:	0.0045	ng/uL

Sample Peak Width (sec): 50   Sample Min Peak Height: 25   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): 60
Manual Baseline Start (min): 10   Manual Baseline End (min): 60
Marker Peak Width (sec): 5   Marker Min Peak Height: 200   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 200 RFU   Upper Marker Selection: Last Peak > 200 RFU
Ladder Size (bp): 1, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1200, 1500, 2000, 3000, 6000
Quantification Using: Ladder   Final Concentration (ng/uL): 0.0830   Dilution Factor: 12.0

Sample: rien
Well Location: D9
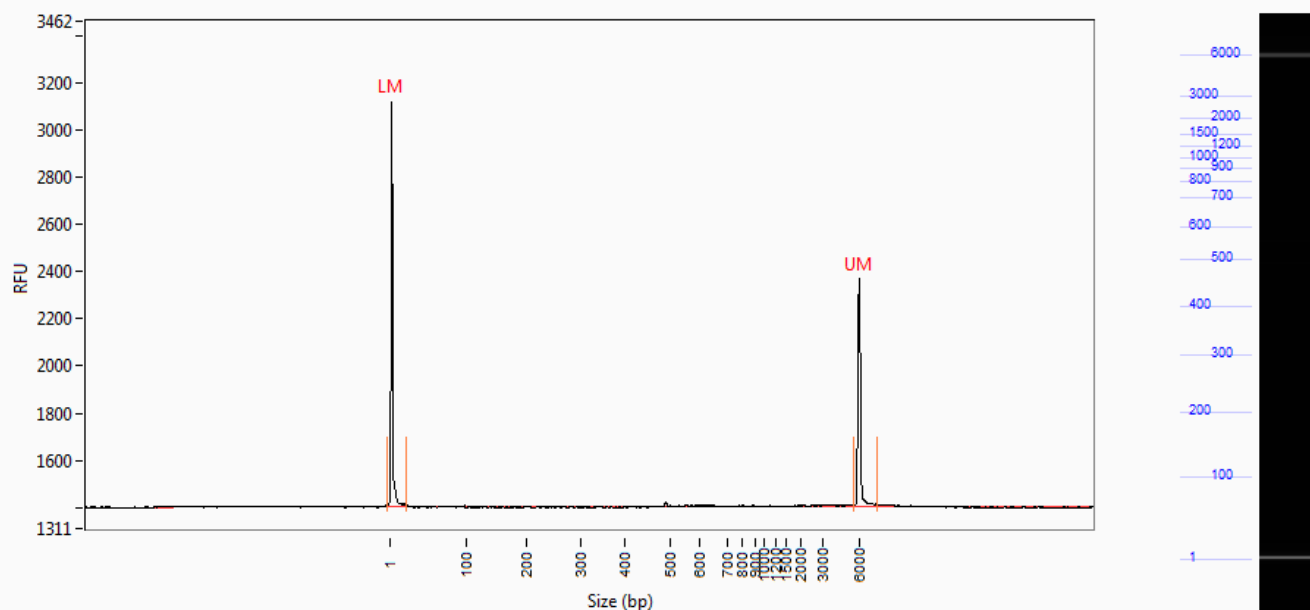**Created:** Wednesday, March 09, 2016 7:25:15 PM

Peak	Size	Conc.	From	To	Avg. Size	CV%	RFU	Corr. Peak Area
	(bp)	(ng/uL)	(bp)	(bp)	(bp)			
1	1 (LM)	0.0104	0	26	1	200.38	2029	11.910
2	990	0.0006	867	1015	982	0.83	20	0.061
3	6000 (UM)	0.0040	5659	7174	5992	1.54	1315	4.612

TIC:	0.0006	ng/uL	
TIM:	0.001	nmole/L	
Total Conc.:	0.0369	ng/uL	

Sample: rien
Well Location: D10
Created: Wednesday, March 09, 2016 7:25:15 PM

Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0104	0	14	1	131.12	1931	11.123
2	6000 (UM)	0.0036	5636	7287	5986	1.39	1136	3.854

TIC:	0.0000	ng/uL	
TIM:	0.000	nmole/L	
Total Conc.:	0.1009	ng/uL	

Sample Peak Width (sec): 50   Sample Min Peak Height: 25   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): 60
Manual Baseline Start (min): 10   Manual Baseline End (min): 60
Marker Peak Width (sec): 5   Marker Min Peak Height: 200   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 200 RFU   Upper Marker Selection: Last Peak > 200 RFU
Ladder Size (bp): 1, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1200, 1500, 2000, 3000, 6000
Quantification Using: Ladder   Final Concentration (ng/uL): 0.0830   Dilution Factor: 12.0

Sample: rien
Well Location: D11
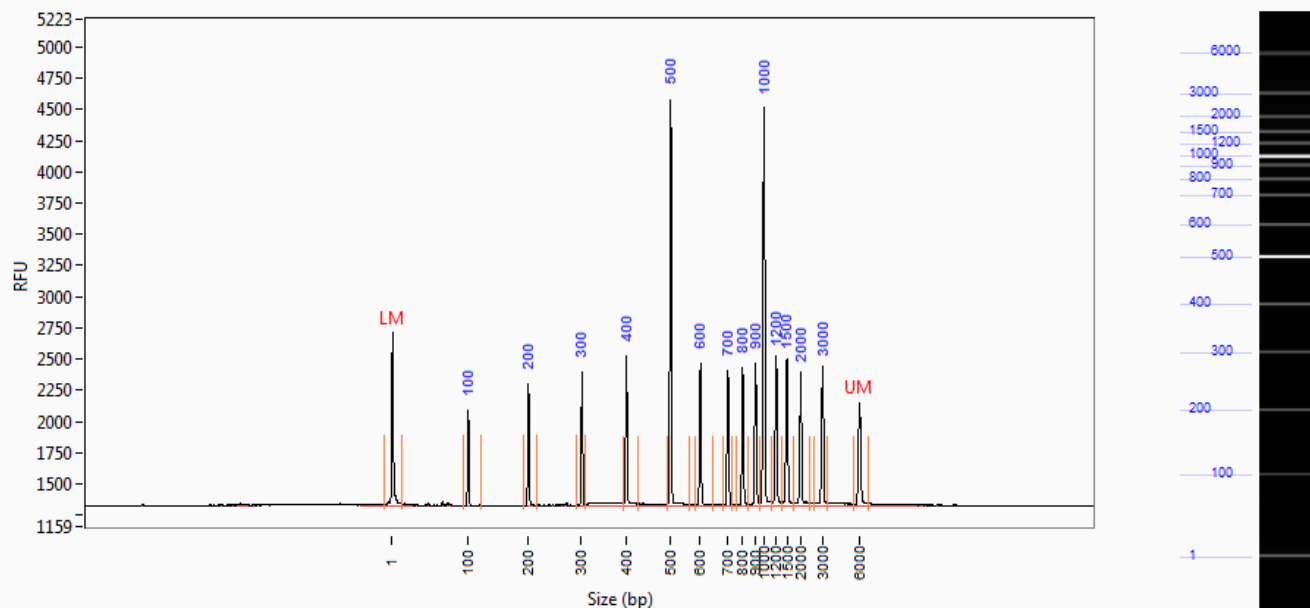**Created:** Wednesday, March 09, 2016 7:25:15 PM

Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0104	0	21	2	177.47	1715	10.107
2	6000 (UM)	0.0039	5546	7490	6037	3.90	968	3.814

TIC:	0.0000	ng/uL	
TIM:	0.000	nmole/L	
Total Conc.:	0.0135	ng/uL	

Sample: Ladder
Well Location: D12
Created: Wednesday, March 09, 2016 7:25:15 PM

Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0104	0	15	1	233.06	1385	8.485
2	100	0.0431	95	123	100	1.26	764	2.938
3	200	0.0493	194	217	200	0.79	969	3.363
4	300	0.0518	291	308	300	0.50	1071	3.528
5	400	0.0607	394	429	400	1.24	1201	4.139
6	500	0.1569	493	564	501	1.49	3245	10.695
7	600	0.0556	587	647	600	1.00	1141	3.786
8	700	0.0501	684	726	699	0.55	1083	3.415
9	800	0.0519	758	841	797	0.93	1104	3.537
10	900	0.0541	841	945	897	1.11	1142	3.689
11	1000	0.1541	945	1119	996	1.59	3192	10.503
12	1200	0.0583	1119	1358	1198	2.20	1194	3.971
13	1500	0.0577	1358	1725	1491	2.75	1178	3.934
14	2000	0.0545	1725	2395	1989	3.94	1072	3.717
15	3000	0.0541	2632	3387	2989	2.57	1118	3.686
16	6000 (UM)	0.0038	5500	6745	5988	2.45	822	3.106

TIC:	0.9522	ng/uL
TIM:	3.111	nmole/L
Total Conc.:	0.9960	ng/uL

Sample Peak Width (sec): 10   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): 60
Manual Baseline Start (min): 10   Manual Baseline End (min): 60
Marker Peak Width (sec): 5   Marker Min Peak Height: 200   Marker Baseline V to V?: Y   Marker Baseline V to V pts: 3
Lower Marker Selection: First Peak > 200 RFU   Upper Marker Selection: Last Peak > 200 RFU
Ladder Size (bp): 1, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1200, 1500, 2000, 3000, 6000
Quantification Using: Ladder   Final Concentration (ng/uL): 0.0830   Dilution Factor: 12.0

Sample: Ladder
Well Location: D12
Created: Wednesday, March 09, 2016 7:25:15 PM
Fit Type: Point to Point