

Fragment Analyzer Run Summary:

Filename and Data Path: C:\AATI\Data\PF1\2016 03 23\NGS-HS-160323-bq-P-Kennouche-H-Echenique-Rivera 09-59-31\2016 03 23 09H 59M.raw

Created: Wednesday, March 23, 2016 10:15:39 AM

of Capillaries: 12

Array Serial #: 061313-01SFS

Effect Length: 33 cm

Array Usage Count: 1290

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 1

Perform Prerun: 6.0 kV, 30 sec.

Rinse: No

Marker 1: No

Rinse: Tray: 3, Row: A, # Dips: 1

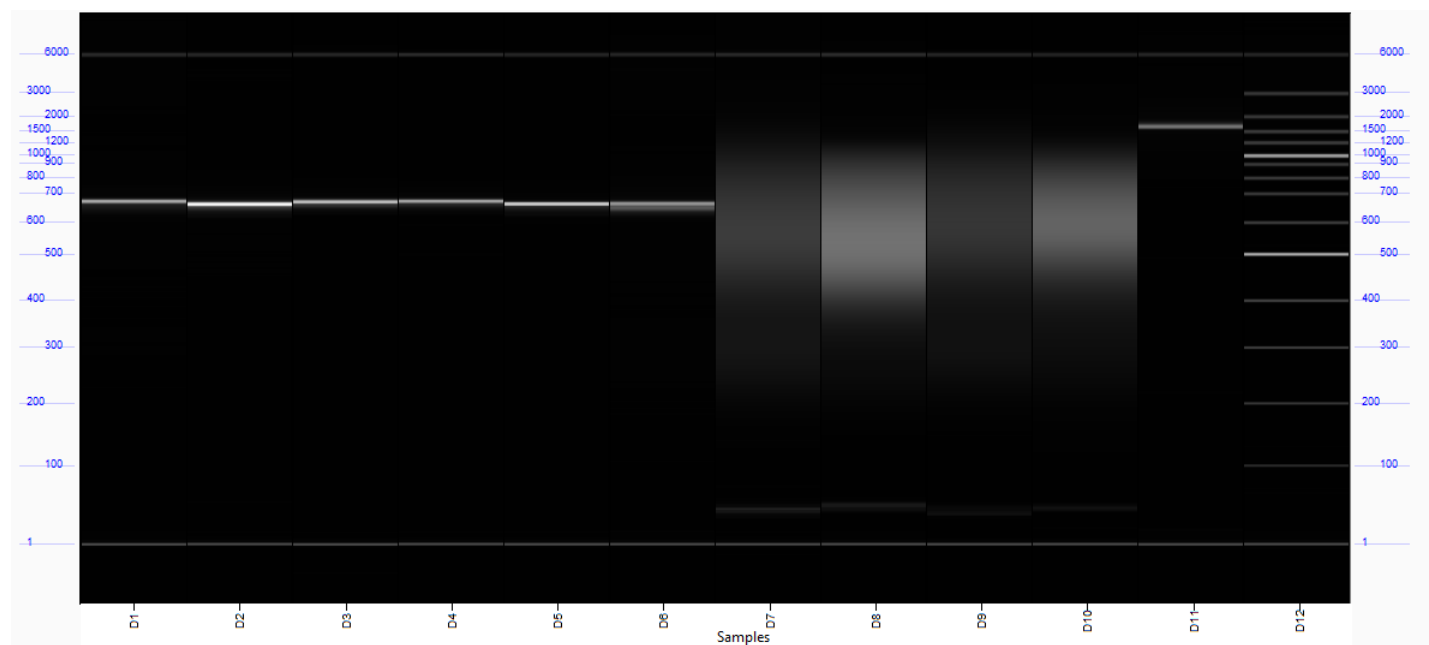
Sample Injection: 5.0 kV, 30 sec.

Separation: 6.0 kV, 60.0 min.

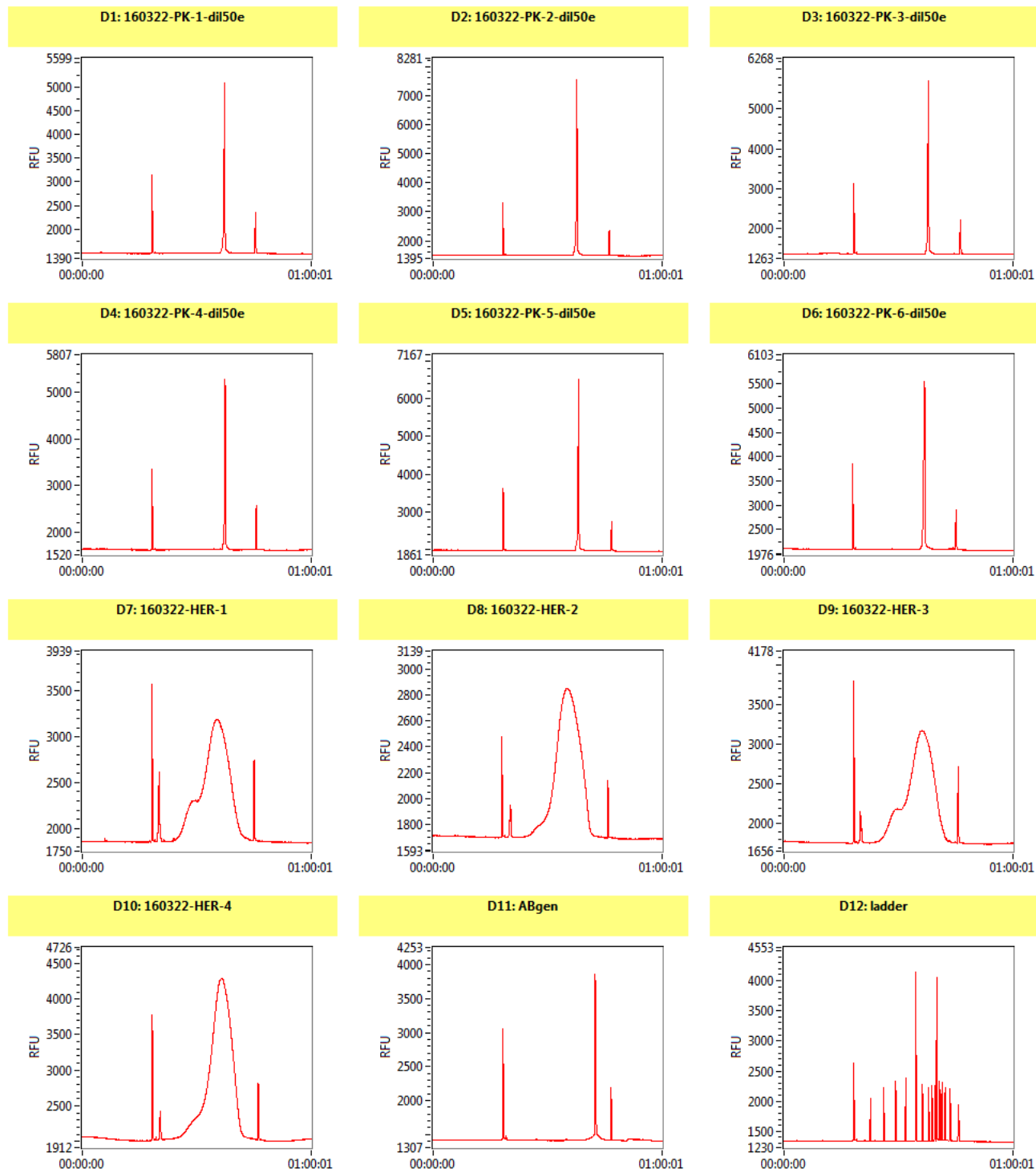
Tray Name: Tray-2

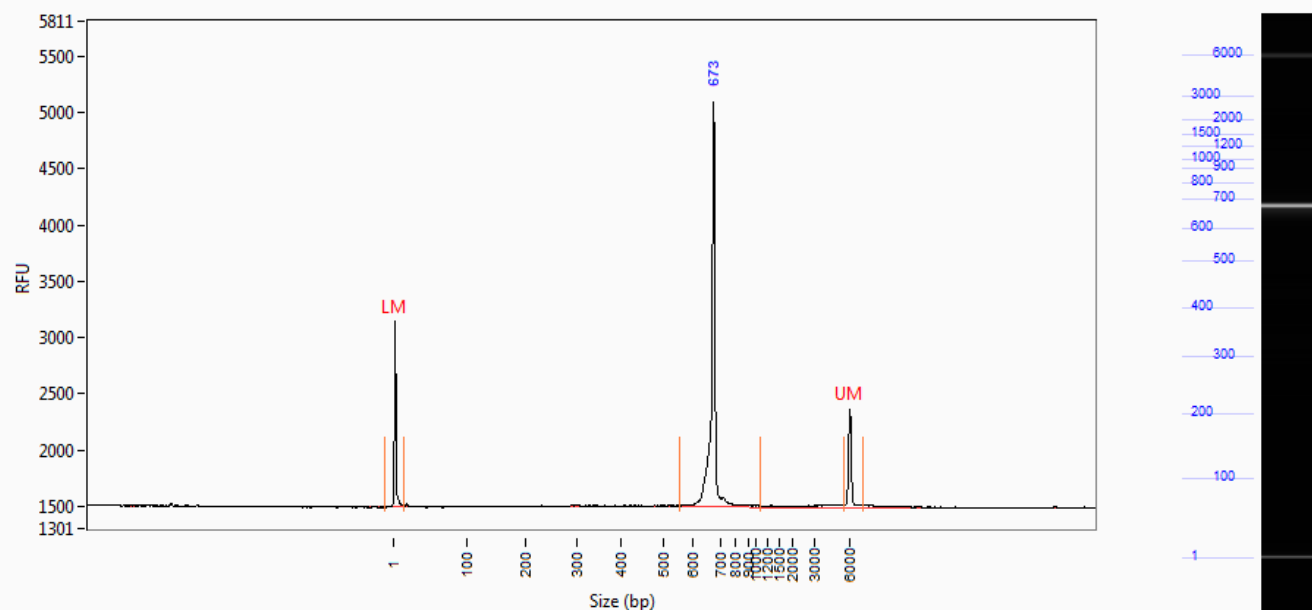
Analysis Mode: NGS

NOTE



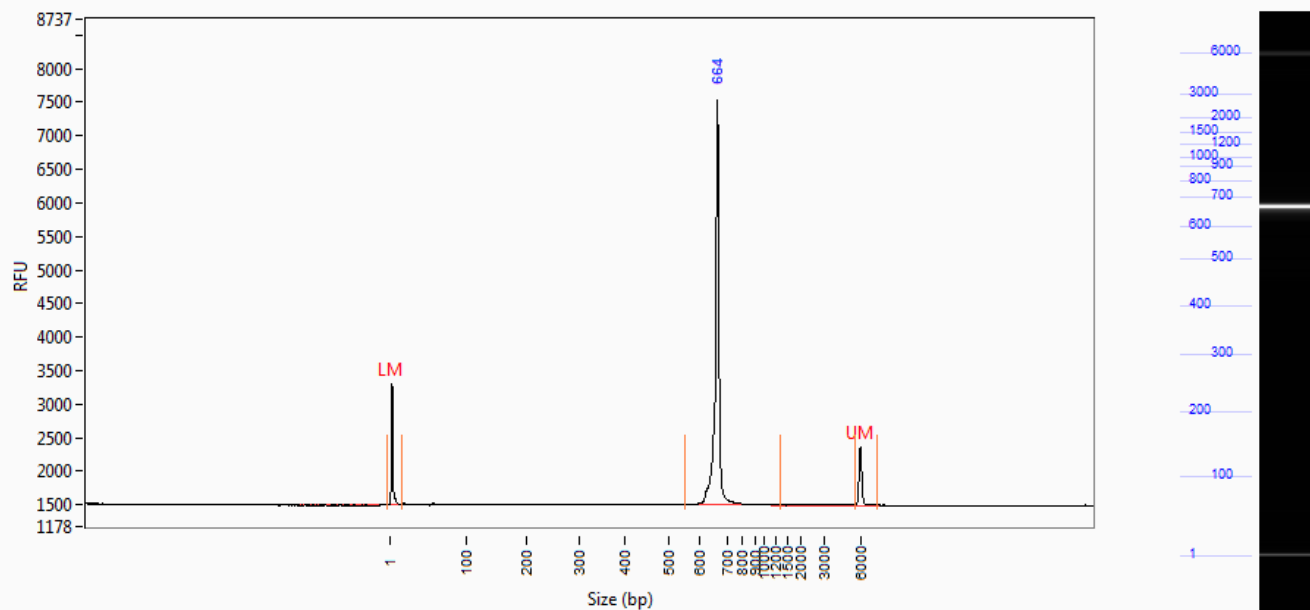
Filename and Data Path: C:\AATI\Data\PF1\2016 03 23\NGS-HS-160323-bq-P-Kennouche-H-Echenique-Rivera 09-59-31\2016 03 23 09H 59M.raw



Sample: 160322-PK-1-dil50e**Well Location:** D1**Created:** Wednesday, March 23, 2016 10:15:39 AM

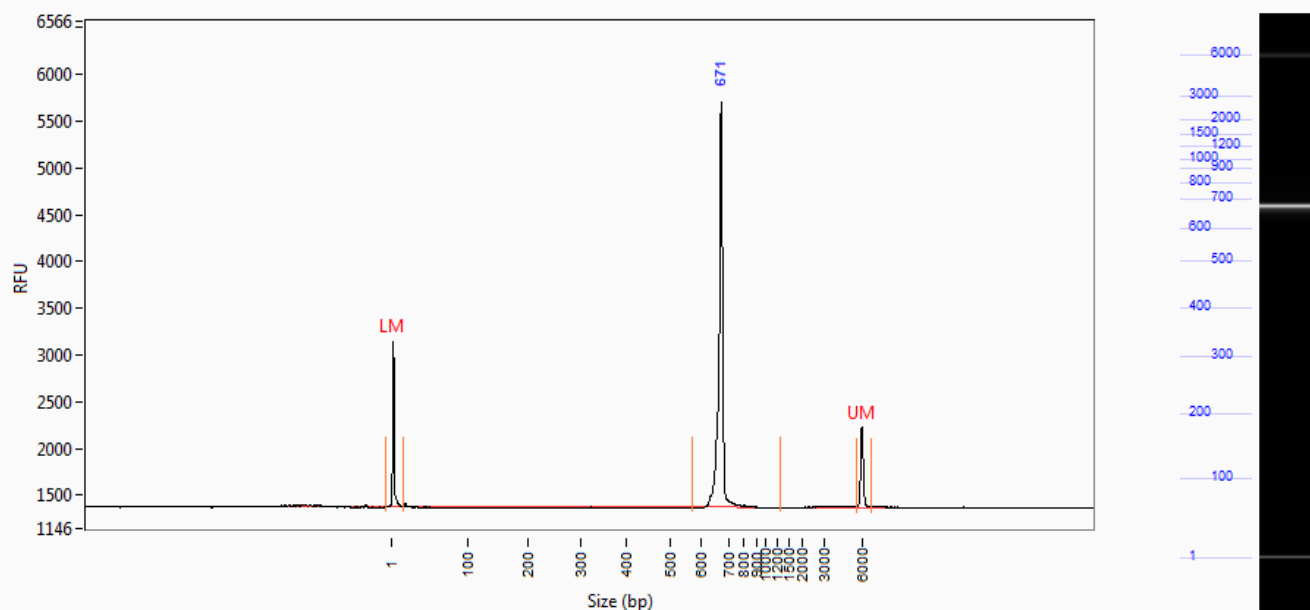
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0101	0	15	1	190.11	1646	9.598
2	673	0.3252	555	1067	674	6.58	3599	25.693
3	6000 (UM)	0.0042	5585	7100	6016	3.43	864	3.941
TIC:		0.3252	ng/uL					
TIM:		0.795	nmole/L					
Total Conc.:		0.3972	ng/uL					

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: 160322-PK-2-dil50e**Well Location:** D2**Created:** Wednesday, March 23, 2016 10:15:39 AM

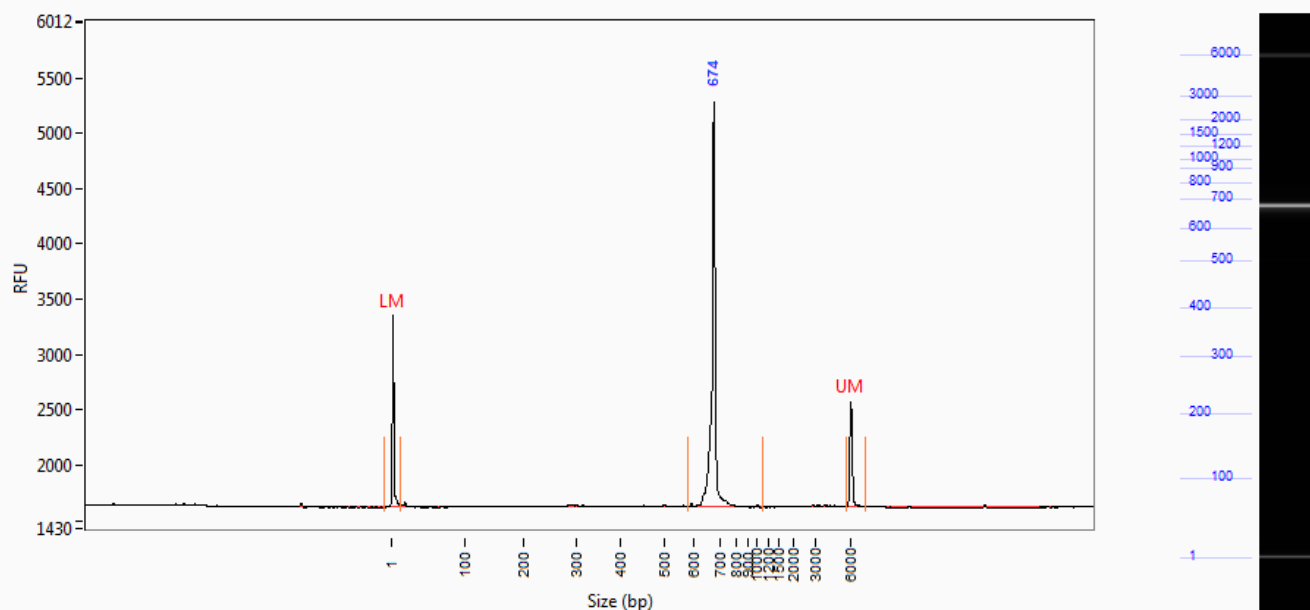
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0101	0	15	1	146.95	1812	10.533
2	664	0.4966	555	1303	664	5.77	6031	43.062
3	6000 (UM)	0.0036	5631	7421	5991	2.65	873	3.743
TIC:		0.4966	ng/uL					
TIM:		1.230	nmole/L					
Total Conc.:		0.5457	ng/uL					

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: 160322-PK-3-dil50e**Well Location:** D3**Created:** Wednesday, March 23, 2016 10:15:39 AM

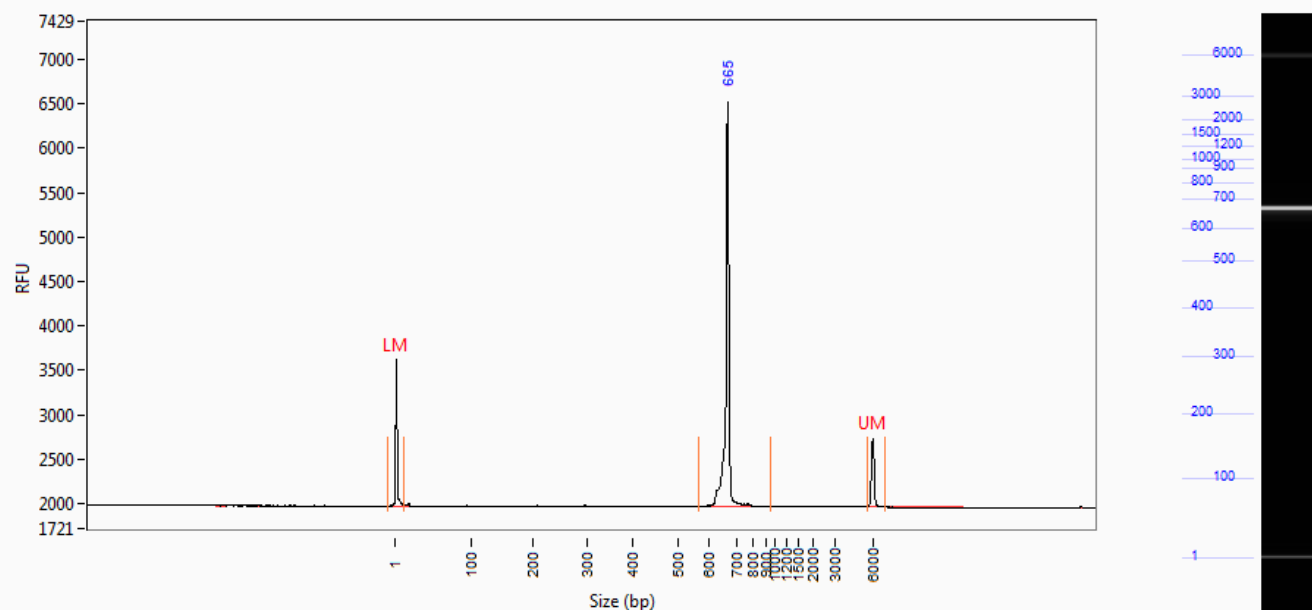
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0101	0	15	1	189.36	1755	10.068
2	671	0.3505	572	1264	670	2.64	4324	29.048
3	6000 (UM)	0.0036	5585	6802	6000	2.35	858	3.615
TIC:		0.3505	ng/uL					
TIM:		0.859	nmole/L					
Total Conc.:		0.3576	ng/uL					

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: 160322-PK-4-dil50e**Well Location:** D4**Created:** Wednesday, March 23, 2016 10:15:39 AM

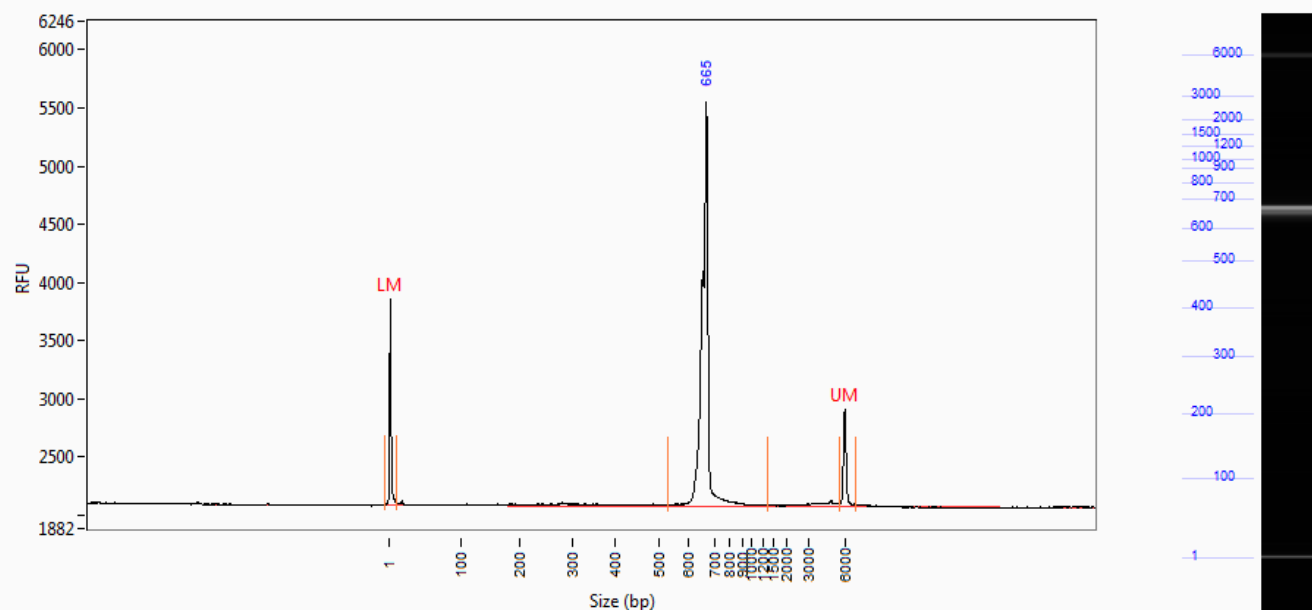
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0101	0	13	1	135.16	1726	9.872
2	674	0.2813	582	1110	672	3.14	3650	22.863
3	6000 (UM)	0.0037	5700	7192	6001	2.34	950	3.568
TIC:		0.2813	ng/uL					
TIM:		0.686	nmole/L					
Total Conc.:		0.3025	ng/uL					

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: 160322-PK-5-dil50e**Well Location:** D5**Created:** Wednesday, March 23, 2016 10:15:39 AM

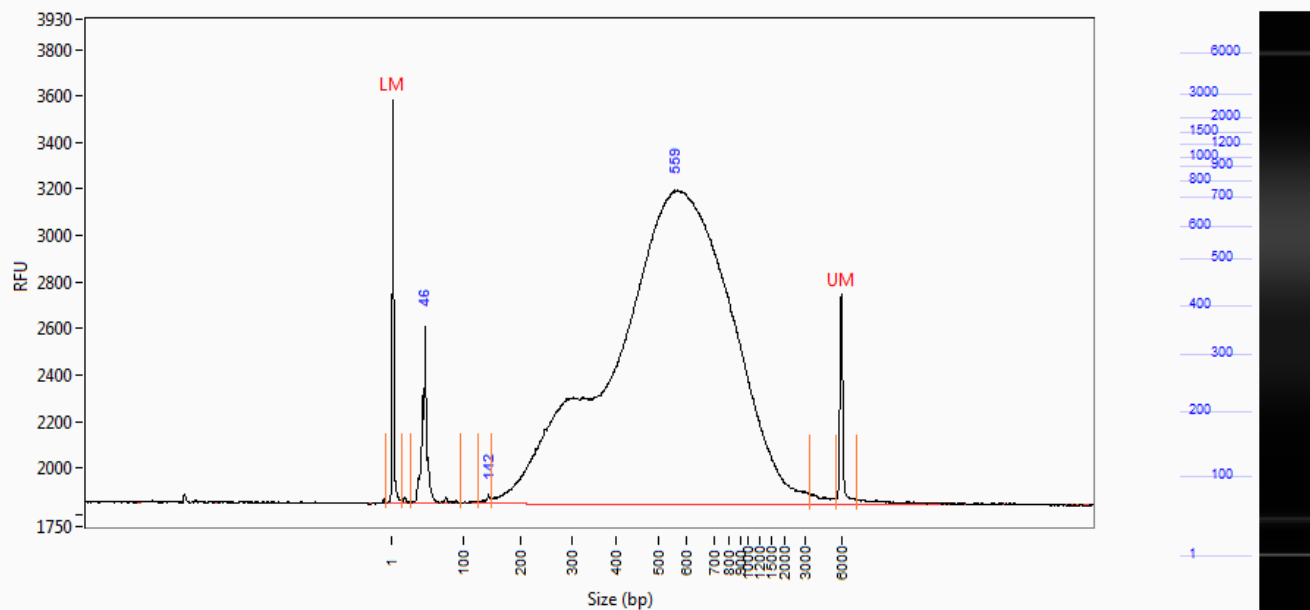
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0101	0	12	1	164.08	1642	9.425
2	665	0.3428	570	958	663	3.29	4550	26.601
3	6000 (UM)	0.0035	5562	7009	5990	2.33	775	3.220
TIC:		0.3428	ng/uL					
TIM:		0.848	nmole/L					
Total Conc.:		0.3691	ng/uL					

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: 160322-PK-6-dil50e**Well Location:** D6**Created:** Wednesday, March 23, 2016 10:15:39 AM

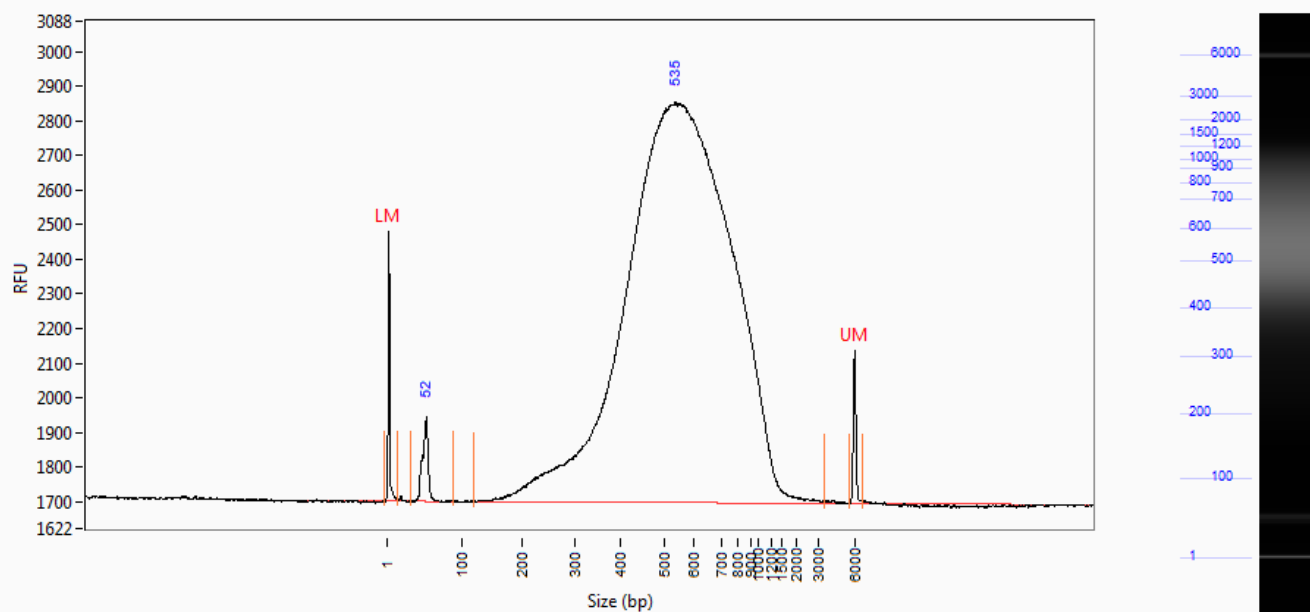
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0101	0	12	1	150.11	1770	10.243
2	665	0.4655	534	1335	667	8.67	3475	39.255
3	6000 (UM)	0.0039	5608	6963	6029	3.16	835	3.908
TIC:		0.4655	ng/uL					
TIM:		1.152	nmole/L					
Total Conc.:		0.5597	ng/uL					

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: 160322-HER-1**Well Location:** D7**Created:** Wednesday, March 23, 2016 10:15:39 AM

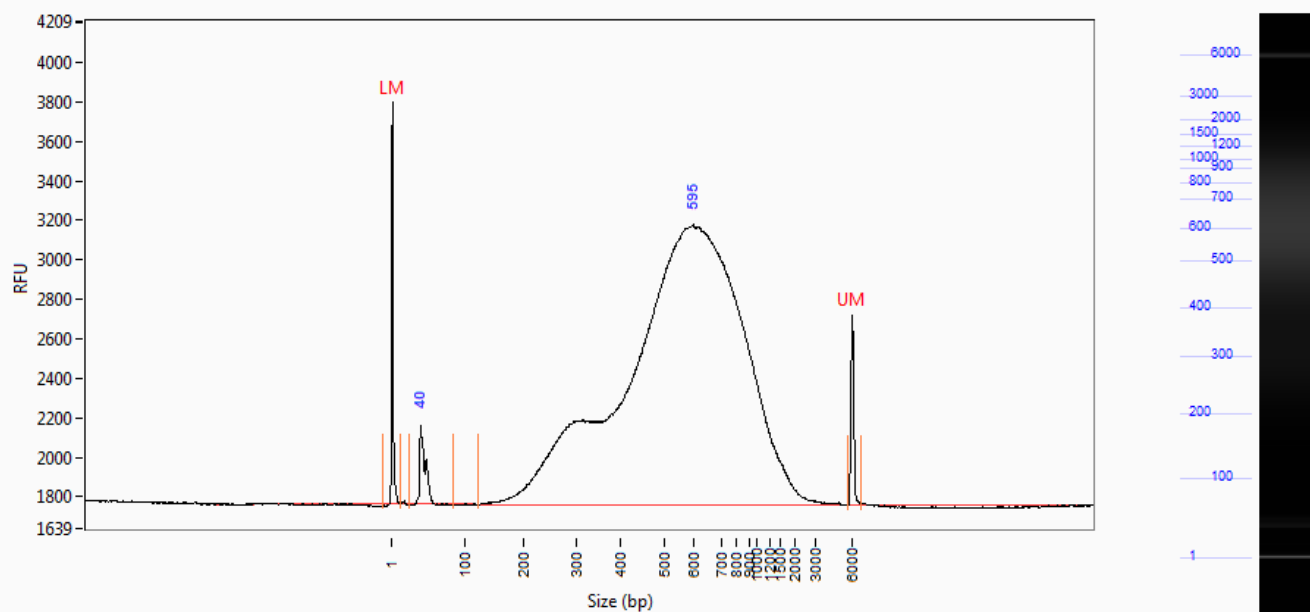
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0101	0	14	1	173.89	1732	9.724
2	46	0.1435	27	96	46	18.43	763	11.485
3	142	0.0067	125	147	138	4.35	44	0.536
4	559	4.0833	147	3370	593	51.28	1348	326.882
5	6000 (UM)	0.0044	5631	7330	6065	4.49	905	4.271
TIC:		4.2334	ng/uL					
TIM:		17.217	nmole/L					
Total Conc.:		4.2550	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: 160322-HER-2**Well Location:** D8**Created:** Wednesday, March 23, 2016 10:15:39 AM

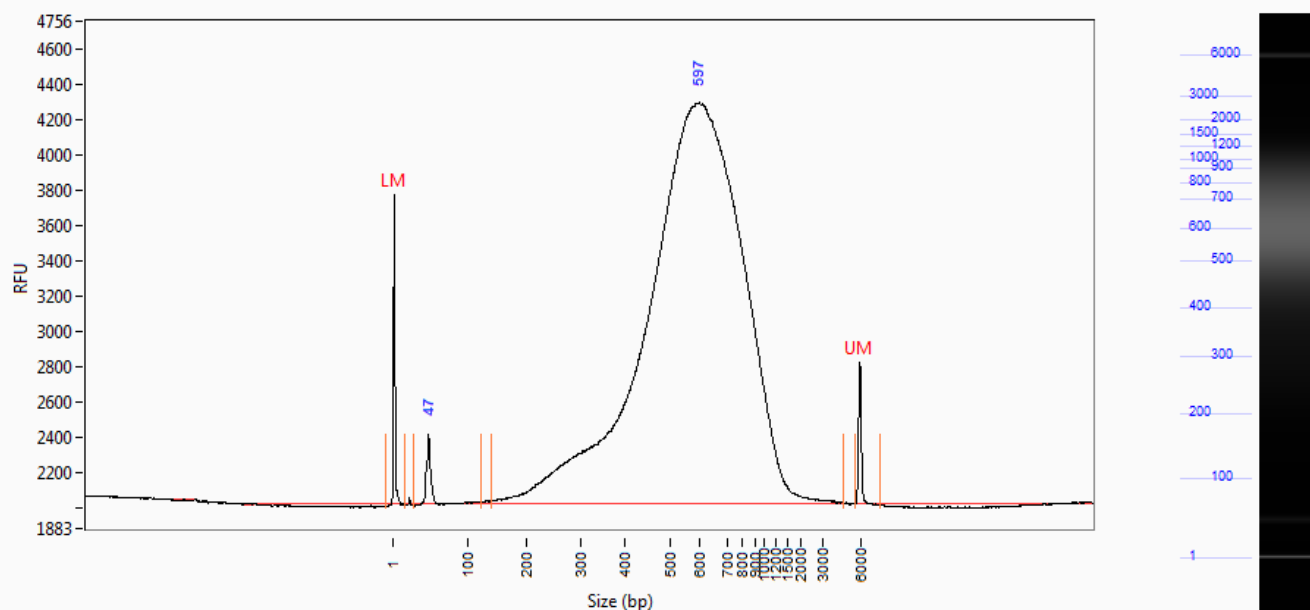
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0101	0	15	2	152.18	778	4.523
2	52	0.1247	32	87	49	9.45	244	4.643
3	535	6.5686	119	3601	578	35.78	1157	244.603
4	6000 (UM)	0.0041	5608	6688	5994	2.15	444	1.826
TIC:		6.6933	ng/uL					
TIM:		24.168	nmole/L					
Total Conc.:		6.7005	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: 160322-HER-3**Well Location:** D9**Created:** Wednesday, March 23, 2016 10:15:39 AM

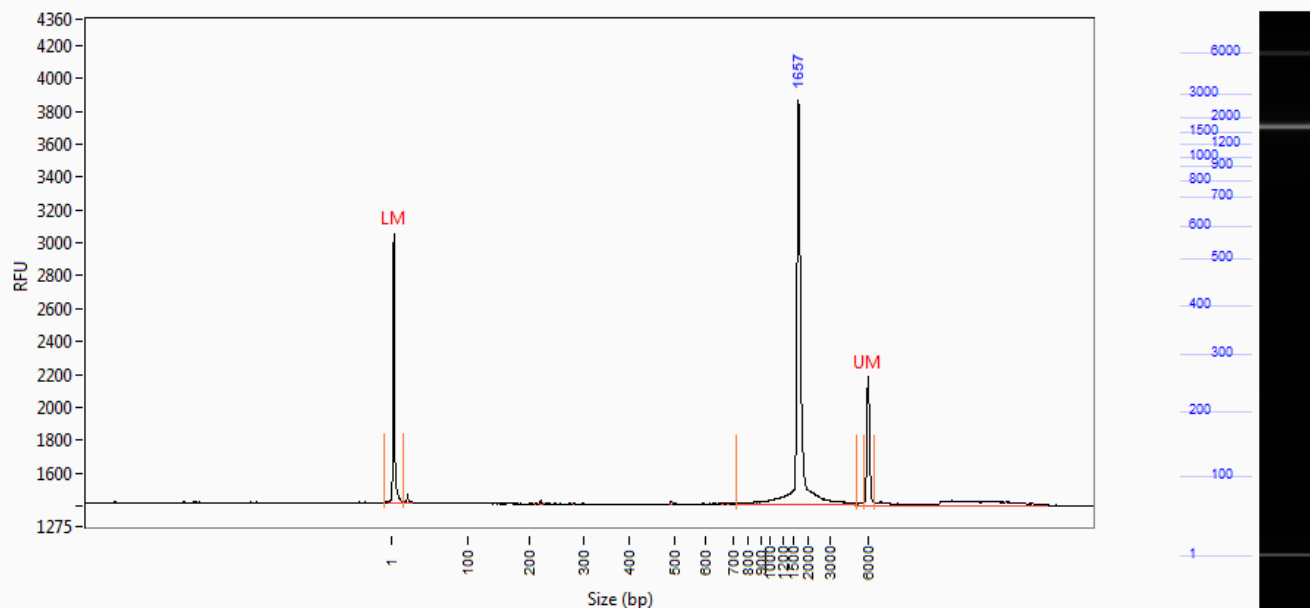
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0101	0	13	1	144.94	2035	11.065
2	40	0.0822	25	84	43	10.22	397	7.491
3	595	3.5978	122	5608	607	48.15	1418	327.715
4	6000 (UM)	0.0037	5654	6757	5991	2.16	961	4.044
TIC:		3.6800	ng/uL					
TIM:		13.340	nmole/L					
Total Conc.:		3.6814	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: 160322-HER-4**Well Location:** D10**Created:** Wednesday, March 23, 2016 10:15:39 AM

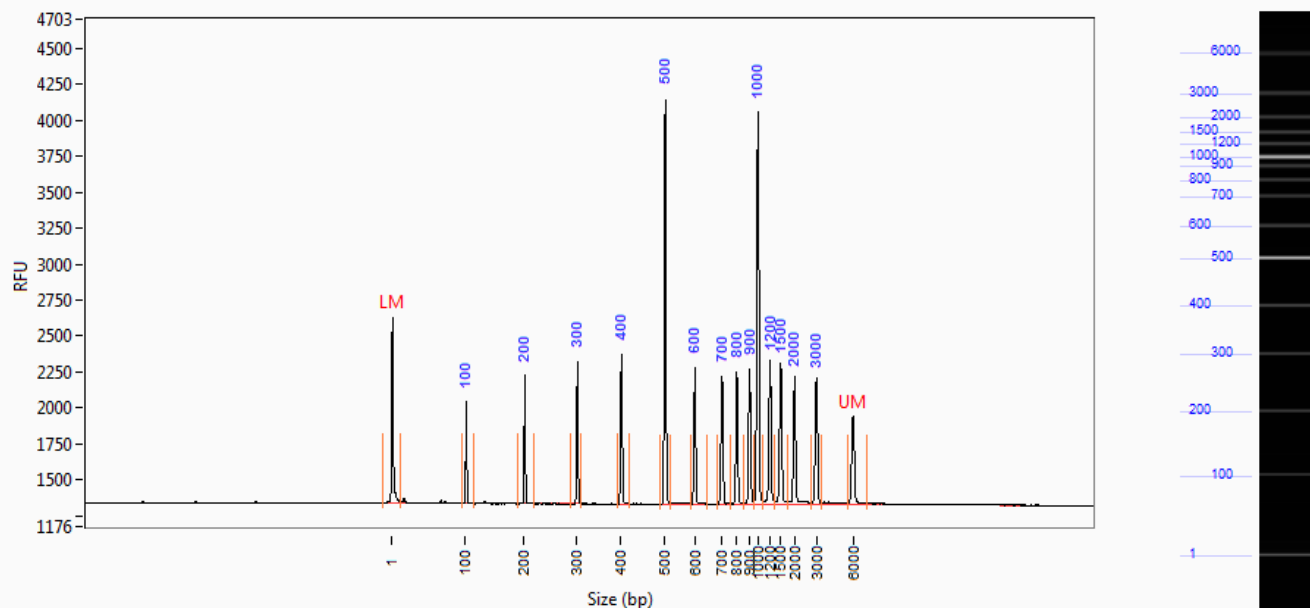
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0101	0	17	1	125.95	1750	9.572
2	47	0.0696	29	122	52	32.59	396	5.487
3	597	5.3814	140	4662	603	37.31	2271	424.049
4	6000 (UM)	0.0035	5654	7651	5986	1.84	793	3.280
TIC:		5.4511	ng/uL					
TIM:		17.232	nmole/L					
Total Conc.:		5.4575	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: ABgen**Well Location:** D11**Created:** Wednesday, March 23, 2016 10:15:39 AM

Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0101	0	16	1	209.05	1635	9.899
2	1657	0.2337	724	5146	1751	29.84	2460	19.048
3	6000 (UM)	0.0034	5631	6504	5996	1.99	780	3.300
TIC:		0.2337	ng/uL					
TIM:		0.232	nmole/L					
Total Conc.:		0.2588	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: ladder**Well Location:** D12**Created:** Wednesday, March 23, 2016 10:15:39 AM

Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0101	0	13	1	159.50	1291	7.562
2	100	0.0445	96	115	100	1.15	705	2.770
3	200	0.0508	190	218	200	0.74	889	3.162
4	300	0.0556	288	309	300	0.50	989	3.461
5	400	0.0588	392	420	399	0.52	1043	3.659
6	500	0.1586	490	517	500	0.47	2807	9.871
7	600	0.0554	589	647	600	0.82	947	3.451
8	700	0.0519	685	760	699	0.86	892	3.230
9	800	0.0536	760	852	798	0.97	921	3.335
10	900	0.0553	852	950	897	1.09	938	3.445
11	1000	0.1615	950	1082	997	1.41	2731	10.054
12	1200	0.0622	1082	1327	1196	2.36	1004	3.874
13	1500	0.0618	1327	1761	1491	3.34	980	3.848
14	2000	0.0593	1761	2766	2025	7.02	888	3.694
15	3000	0.0535	2766	3439	2999	2.44	884	3.332
16	6000 (UM)	0.0036	5608	7192	6026	3.52	619	2.707
TIC:		0.9829	ng/uL					
TIM:		3.200	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 23, 2016 10:15:39 AM

Fit Type: Point to Point

Calibration Curve

