

Fragment Analyzer Run Summary:

Filename and Data Path: C:\AATI\Data\PFGE\2015 12 03\HMN2-TP-2-ligneA 10-45-59\2015 12 03 10H 45M.raw

Created: Thursday, December 03, 2015 11:02:05 AM

of Capillaries: 12

Array Serial #: 061313-01SFS

Effect Length: 33 cm

Array Usage Count: 1038

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: D, # Dips: 1

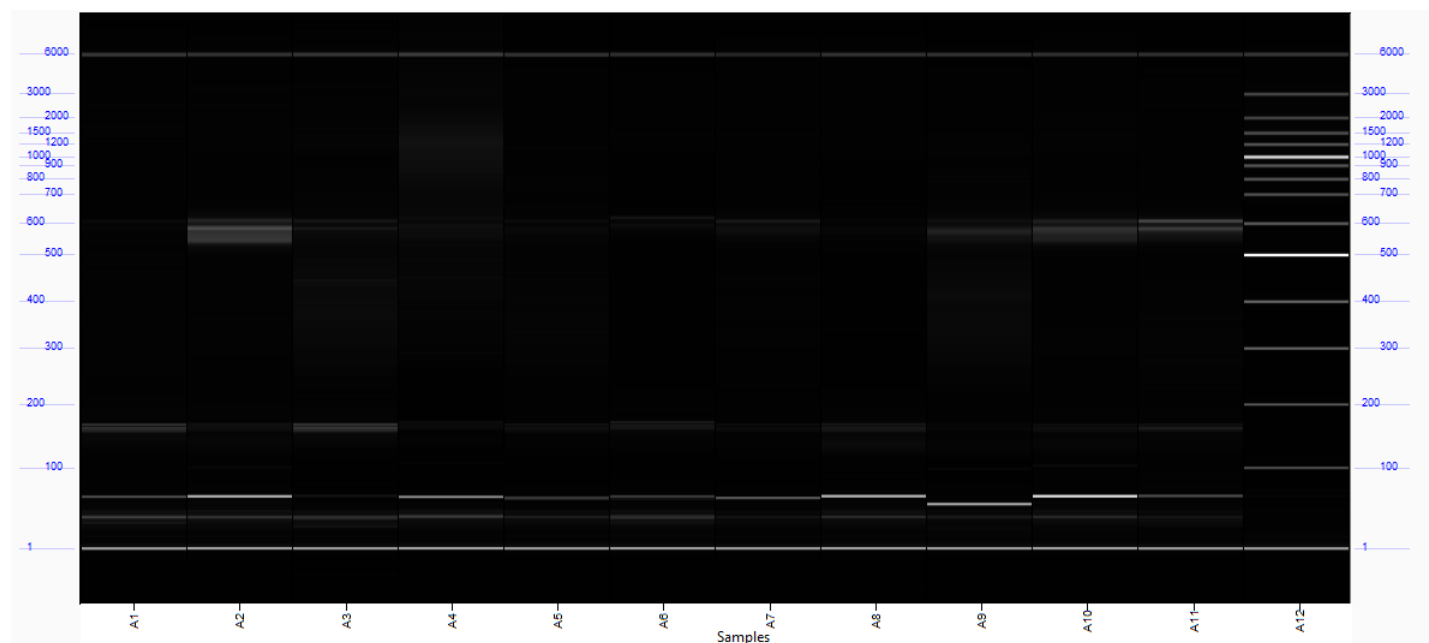
Sample Injection: 5.0 kV, 30 sec.

Separation: 6.0 kV, 60.0 min.

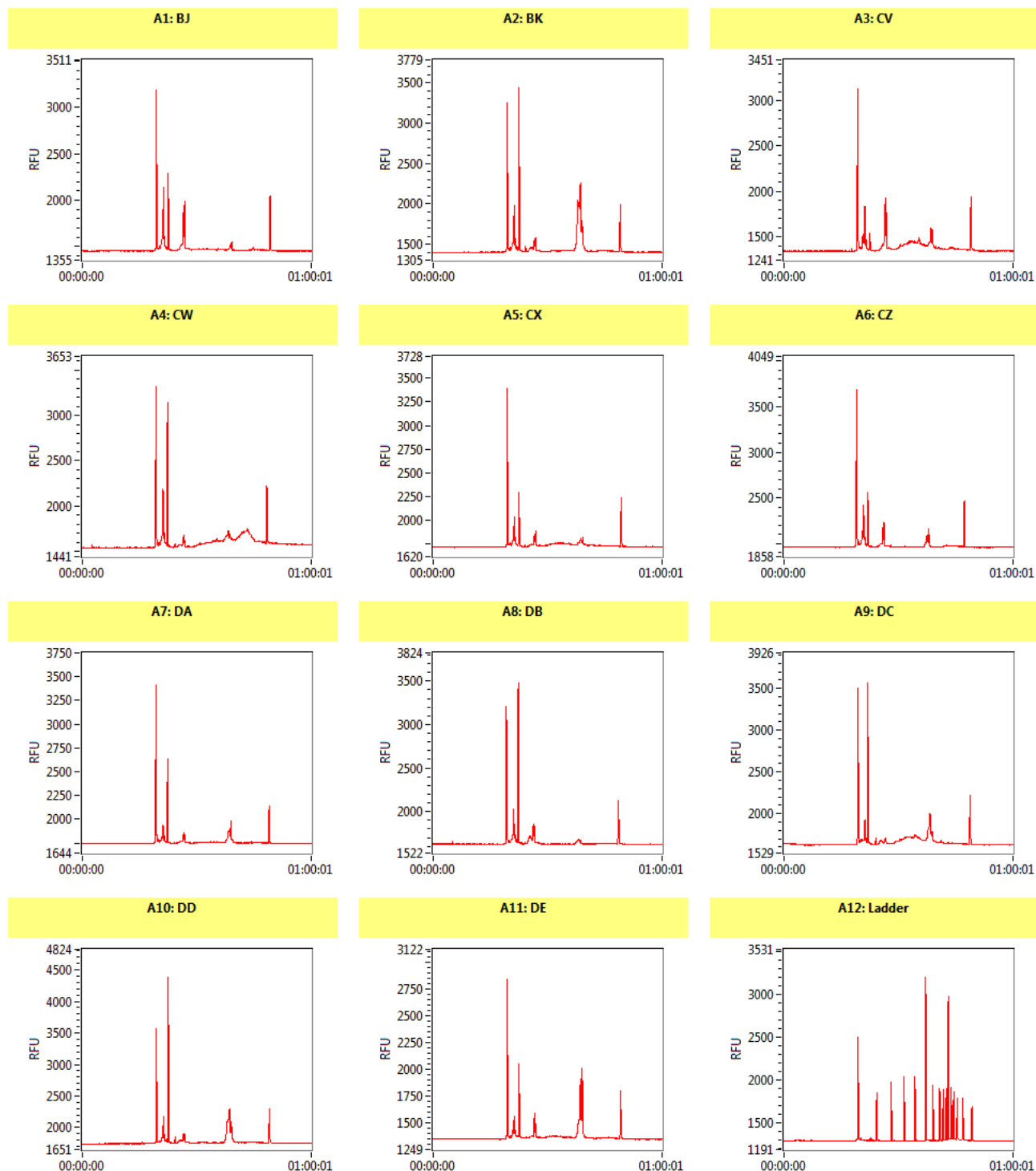
Tray Name: Tray-1

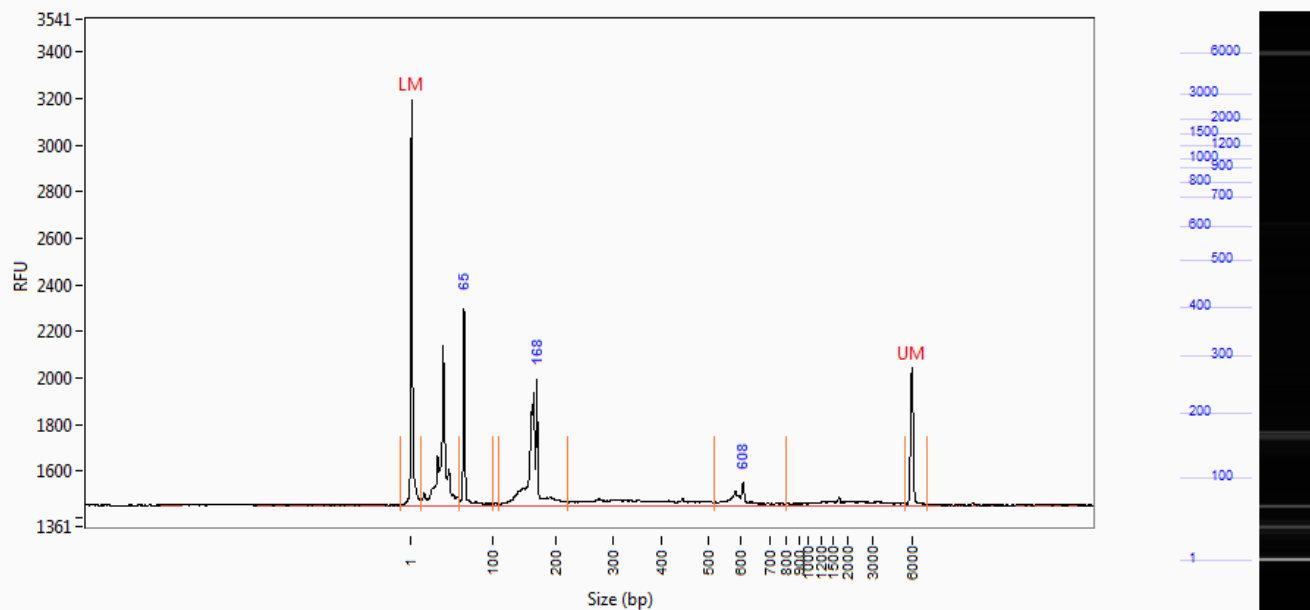
Analysis Mode: NGS

NOTE



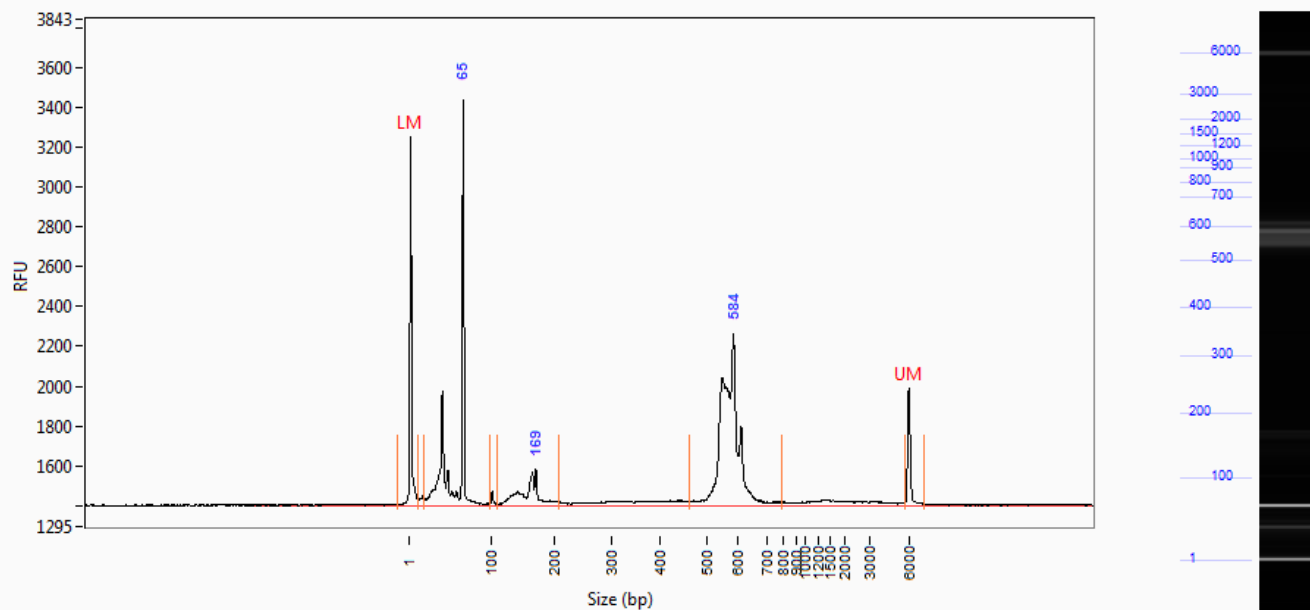
Filename and Data Path: C:\AATI\Data\PFGE\2015 12 03\HMN2-TP-2-ligneA 10-45-59\2015 12 03 10H 45M.raw



Sample: BJ**Well Location:** A1**Created:** Thursday, December 03, 2015 11:02:05 AM

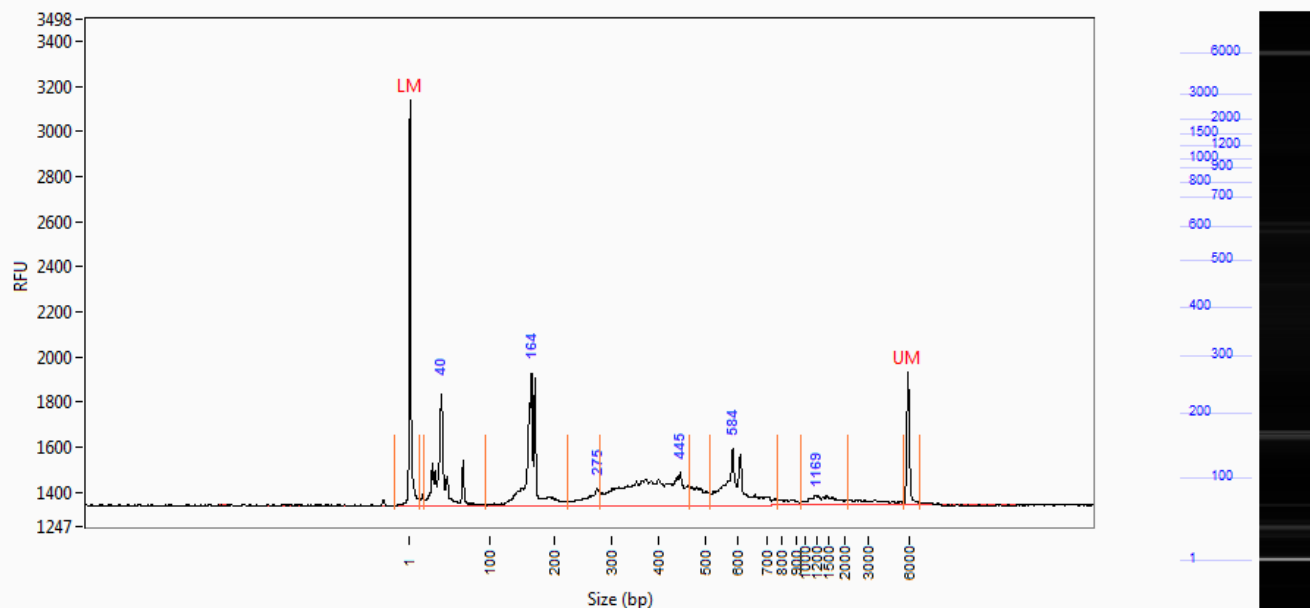
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0164	0	13	1	210.62	1740	11.052
2	65	0.0875	61	102	67	10.75	842	4.905
3	168	0.2055	109	219	162	10.47	541	11.514
4	608	0.0384	519	805	610	9.88	100	2.153
5	6000 (UM)	0.0035	5514	7135	6012	3.27	594	2.361
TIC:		0.3314	ng/uL					
TIM:		4.331	nmole/L					
Total Conc.:		0.6760	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: BK**Well Location:** A2**Created:** Thursday, December 03, 2015 11:02:05 AM

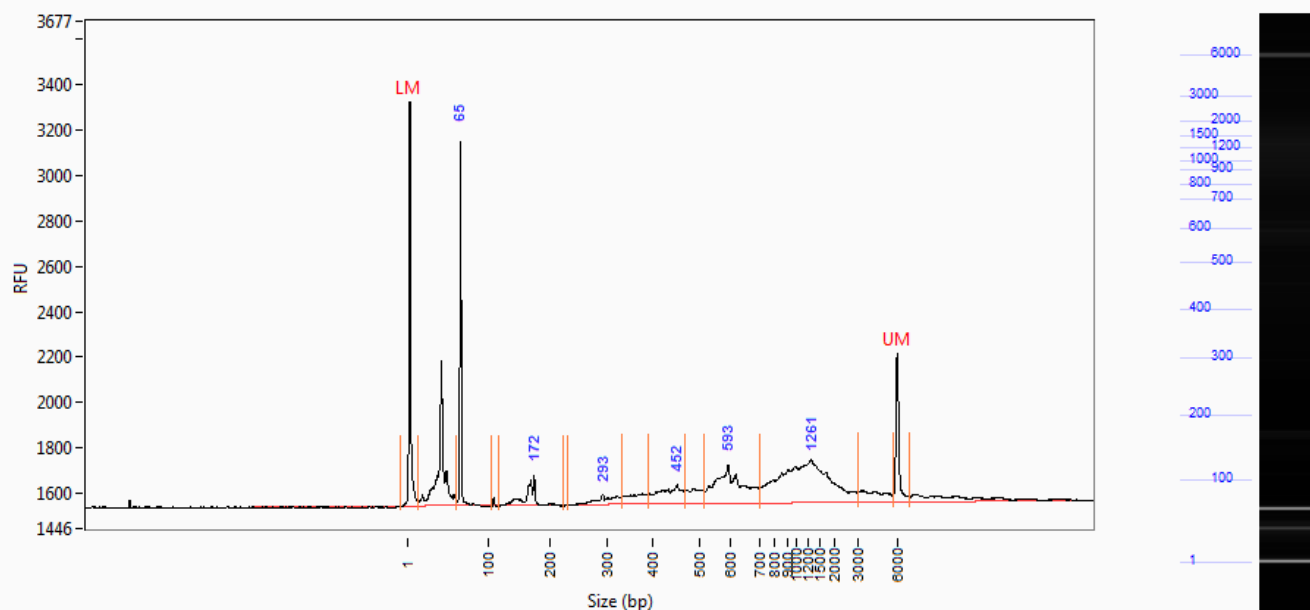
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0164	0	12	1	179.87	1848	11.738
2	65	0.3593	20	99	53	27.70	2034	21.386
3	169	0.1048	111	207	157	12.66	180	6.240
4	584	0.3997	465	793	574	6.74	863	23.790
5	6000 (UM)	0.0034	5704	7114	6033	3.27	586	2.404
TIC:		0.8639	ng/uL					
TIM:		11.167	nmole/L					
Total Conc.:		0.9942	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: CV**Well Location:** A3**Created:** Thursday, December 03, 2015 11:02:05 AM

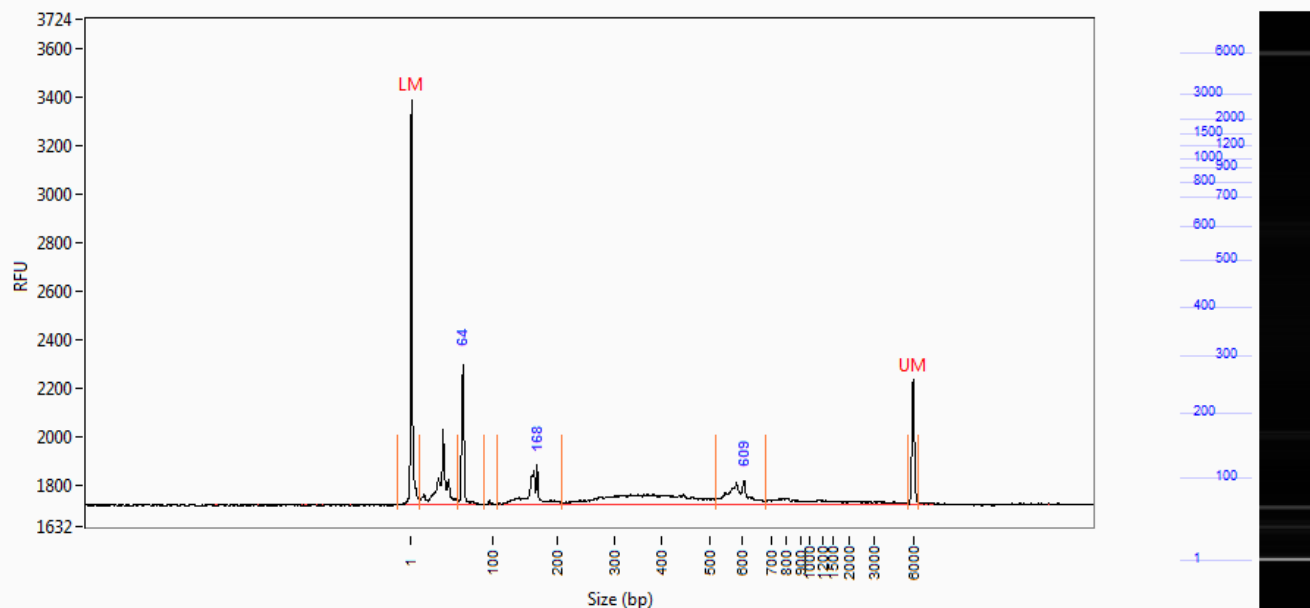
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0164	0	15	2	180.38	1797	11.286
2	40	0.1956	20	94	42	29.50	496	11.194
3	164	0.2173	94	223	163	10.61	585	12.435
4	275	0.0377	223	280	259	6.10	73	2.158
5	445	0.2463	280	466	378	13.52	147	14.094
6	584	0.1212	517	772	602	9.07	251	6.935
7	1169	0.0306	954	2187	1433	22.80	43	1.751
8	6000 (UM)	0.0036	5704	6903	6028	2.90	592	2.453
TIC:		0.8487	ng/uL					
TIM:		11.754	nmole/L					
Total Conc.:		0.9277	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: CW**Well Location:** A4**Created:** Thursday, December 03, 2015 11:02:05 AM

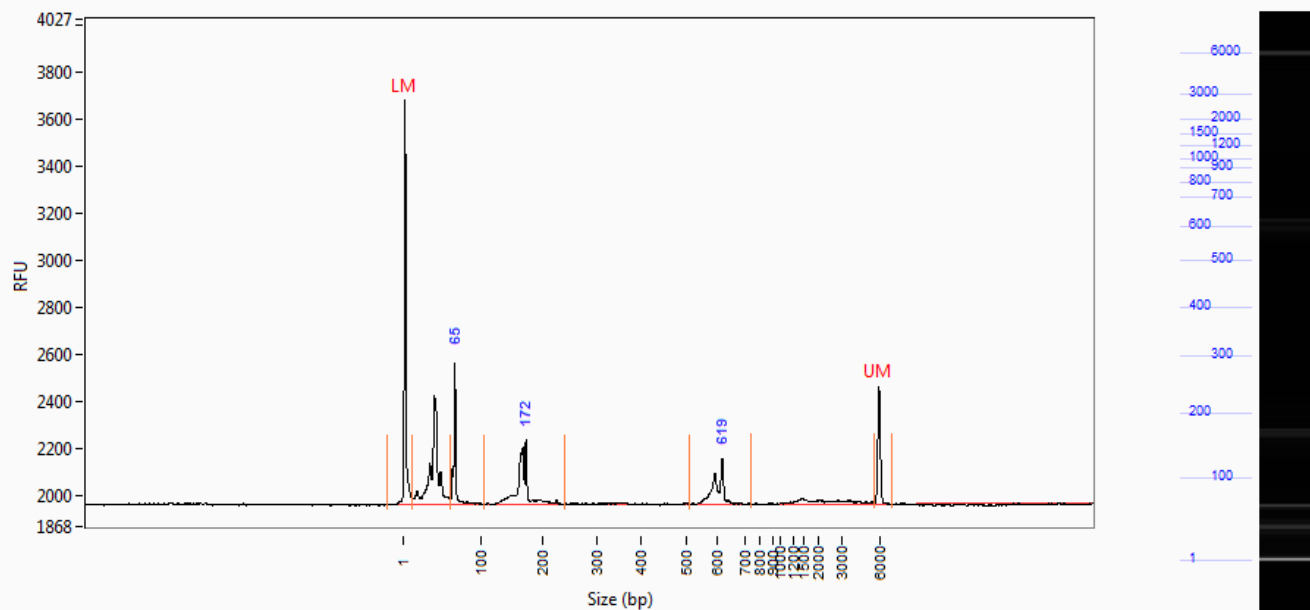
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0164	0	13	2	138.93	1774	10.841
2	65	0.1393	61	104	65	3.01	1596	7.658
3	172	0.0456	118	222	161	8.25	130	2.508
4	293	0.0298	231	333	300	6.86	44	1.640
5	452	0.0637	391	470	433	5.12	86	3.501
6	593	0.1386	518	703	603	7.98	170	7.621
7	1261	0.2748	703	2977	1301	40.30	187	15.103
8	6000 (UM)	0.0045	5683	6967	6061	3.62	654	2.999
TIC:		0.6919	ng/uL					
TIM:		5.112	nmole/L					
Total Conc.:		0.9865	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: CX**Well Location:** A5**Created:** Thursday, December 03, 2015 11:02:05 AM

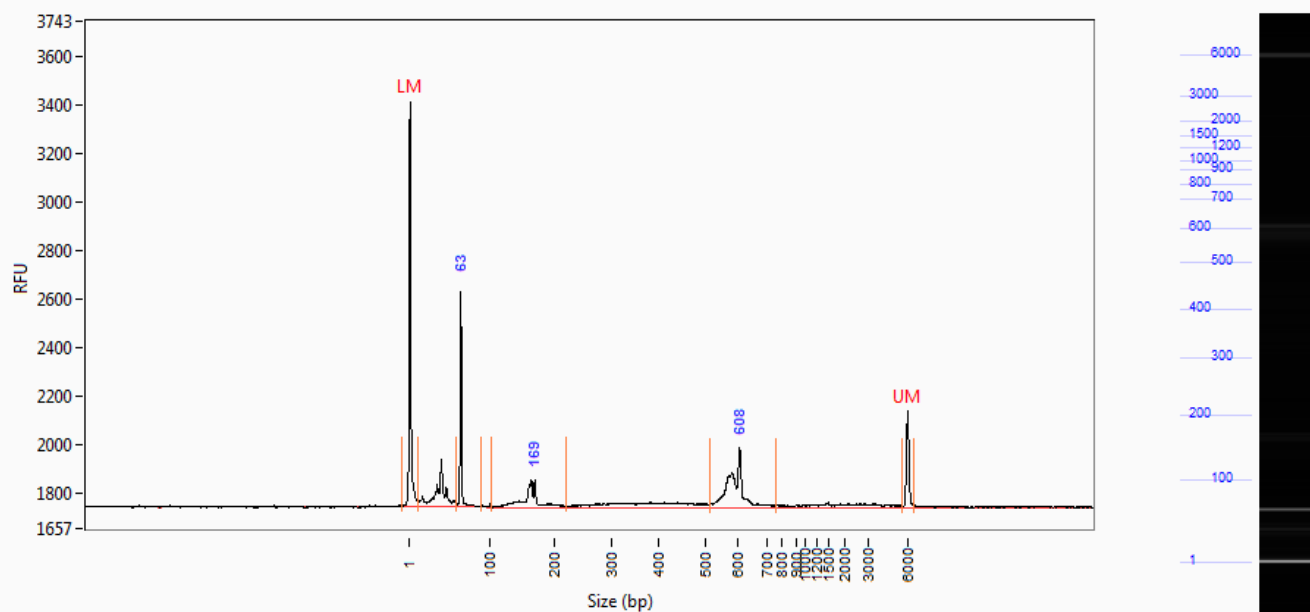
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0164	0	12	1	180.56	1667	10.181
2	64	0.0827	58	89	64	4.96	578	4.271
3	168	0.0763	107	208	161	11.34	163	3.940
4	609	0.0562	523	681	589	5.99	98	2.901
5	6000 (UM)	0.0031	5641	6399	5974	1.61	515	1.912
TIC:		0.2153	ng/uL					
TIM:		3.029	nmole/L					
Total Conc.:		0.5312	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: CZ**Well Location:** A6**Created:** Thursday, December 03, 2015 11:02:05 AM

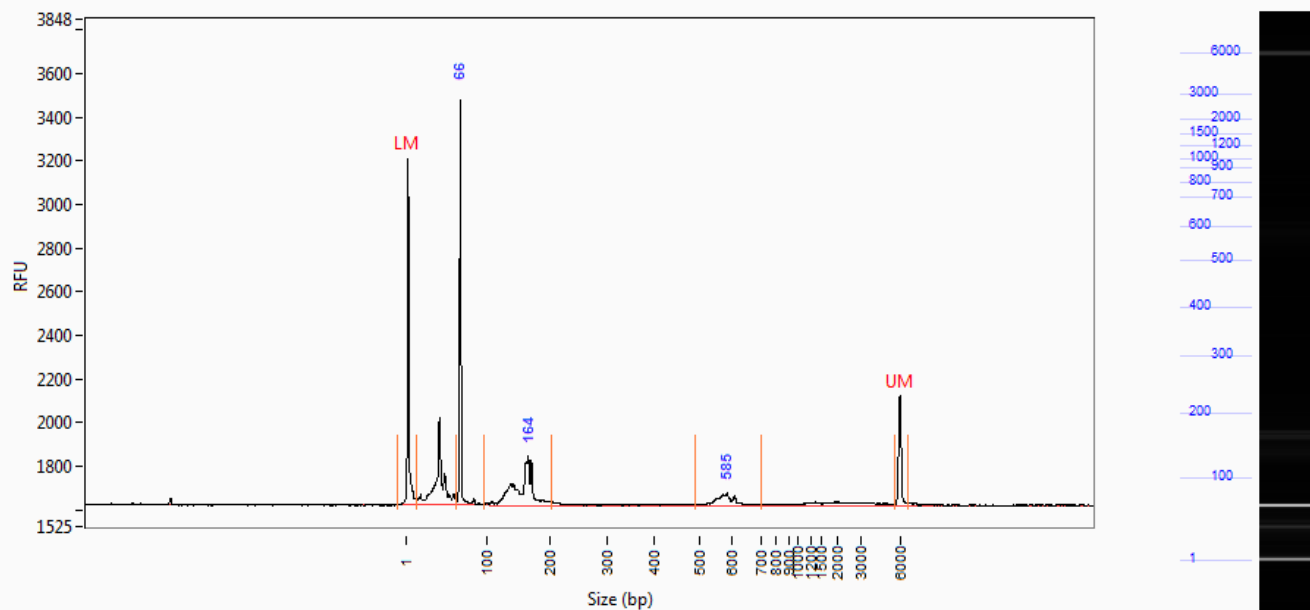
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0164	0	13	2	165.17	1719	10.636
2	65	0.0766	60	105	66	8.85	602	4.130
3	172	0.1092	105	243	166	10.53	274	5.889
4	619	0.0479	512	743	600	3.83	194	2.586
5	6000 (UM)	0.0030	5620	7072	5992	1.77	500	1.972
TIC:		0.2337	ng/uL					
TIM:		3.092	nmole/L					
Total Conc.:		0.4539	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: DA**Well Location:** A7**Created:** Thursday, December 03, 2015 11:02:05 AM

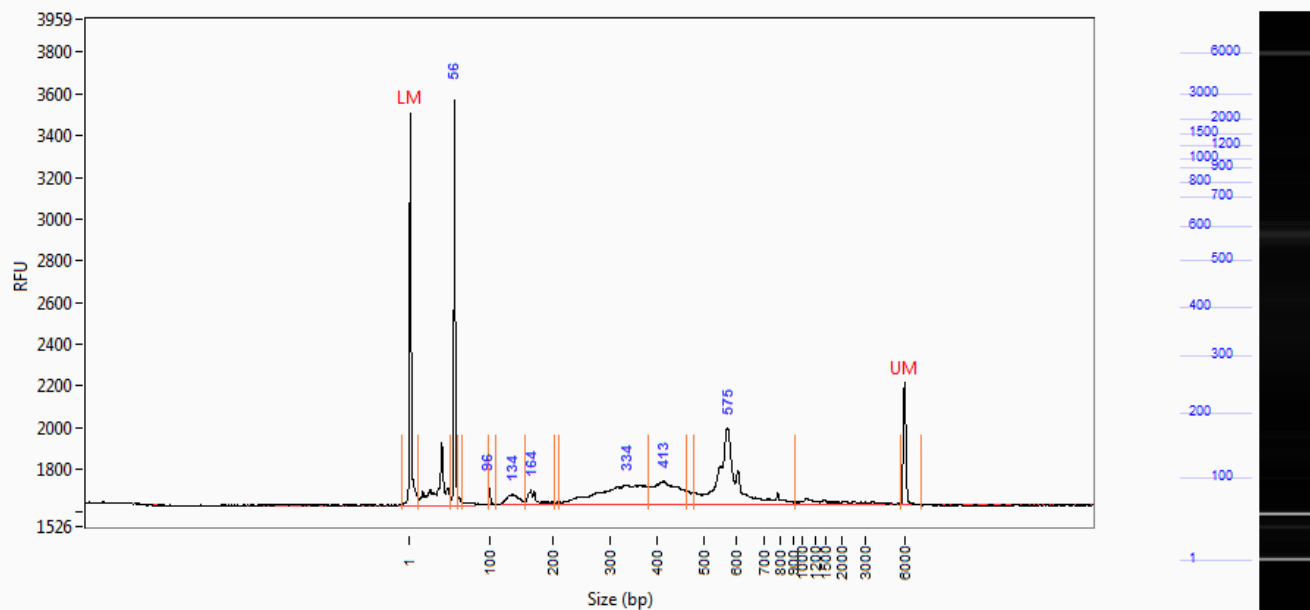
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0164	0	13	1	172.15	1664	10.095
2	63	0.0888	59	89	64	5.78	888	4.548
3	169	0.0651	103	222	161	13.38	112	3.334
4	608	0.0953	513	767	594	6.67	244	4.880
5	6000 (UM)	0.0025	5578	6441	5985	1.82	400	1.548
TIC:		0.2493	ng/uL					
TIM:		3.194	nmole/L					
Total Conc.:		0.4446	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: DB**Well Location:** A8**Created:** Thursday, December 03, 2015 11:02:05 AM

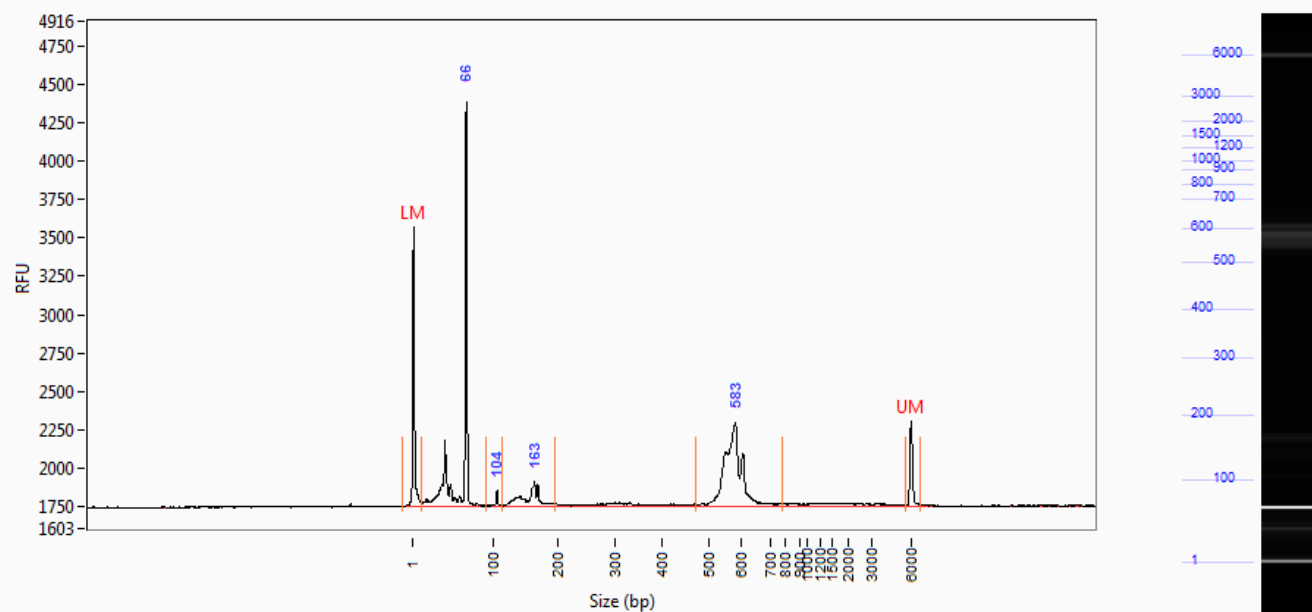
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0164	0	13	2	160.84	1583	9.964
2	66	0.1856	61	96	66	5.89	1853	9.378
3	164	0.1600	96	202	153	12.64	226	8.083
4	585	0.0322	491	712	582	6.41	55	1.628
5	6000 (UM)	0.0032	5641	6651	6000	2.24	499	1.917
TIC:		0.3778	ng/uL					
TIM:		6.336	nmole/L					
Total Conc.:		0.5861	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: DC**Well Location:** A9**Created:** Thursday, December 03, 2015 11:02:05 AM

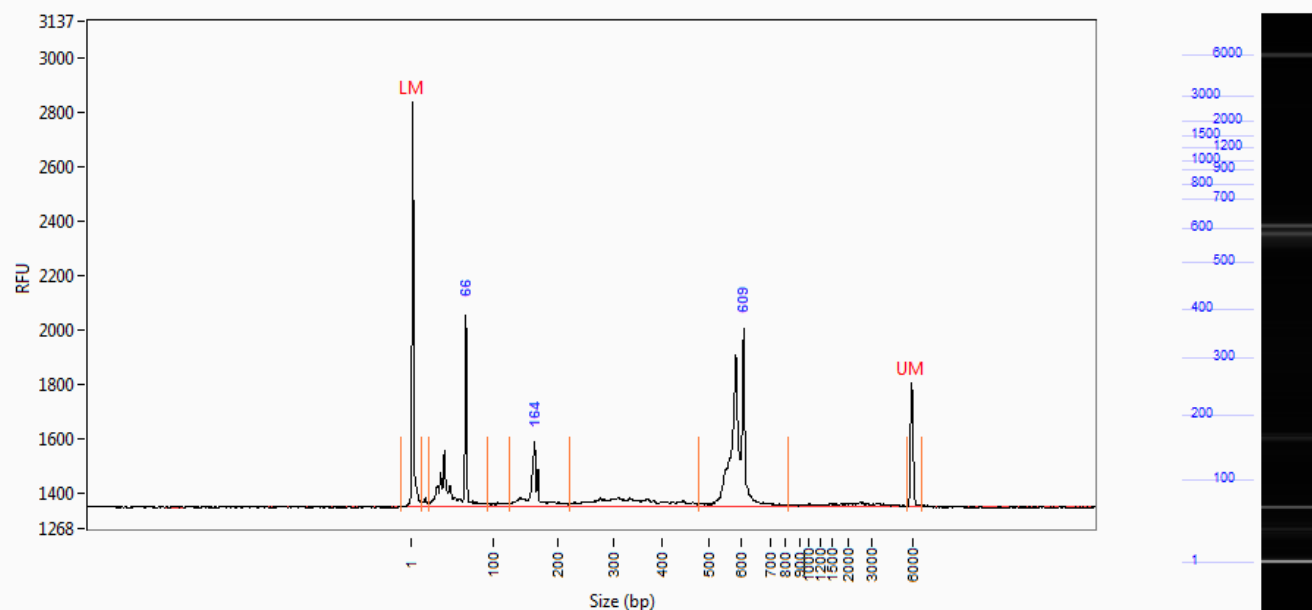
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0164	0	12	2	160.03	1877	11.581
2	56	0.1623	52	60	55	1.96	1941	9.531
3	96	0.0108	66	99	84	13.82	79	0.632
4	134	0.0322	109	155	135	7.24	52	1.893
5	164	0.0290	155	202	171	7.19	75	1.703
6	334	0.1745	210	381	312	13.92	97	10.249
7	413	0.1035	381	464	420	5.50	116	6.079
8	575	0.2087	478	914	592	13.15	368	12.254
9	6000 (UM)	0.0032	5683	7261	6005	2.73	588	2.231
TIC:		0.7210	ng/uL					
TIM:		7.528	nmole/L					
Total Conc.:		0.8897	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: DD**Well Location:** A10**Created:** Thursday, December 03, 2015 11:02:05 AM

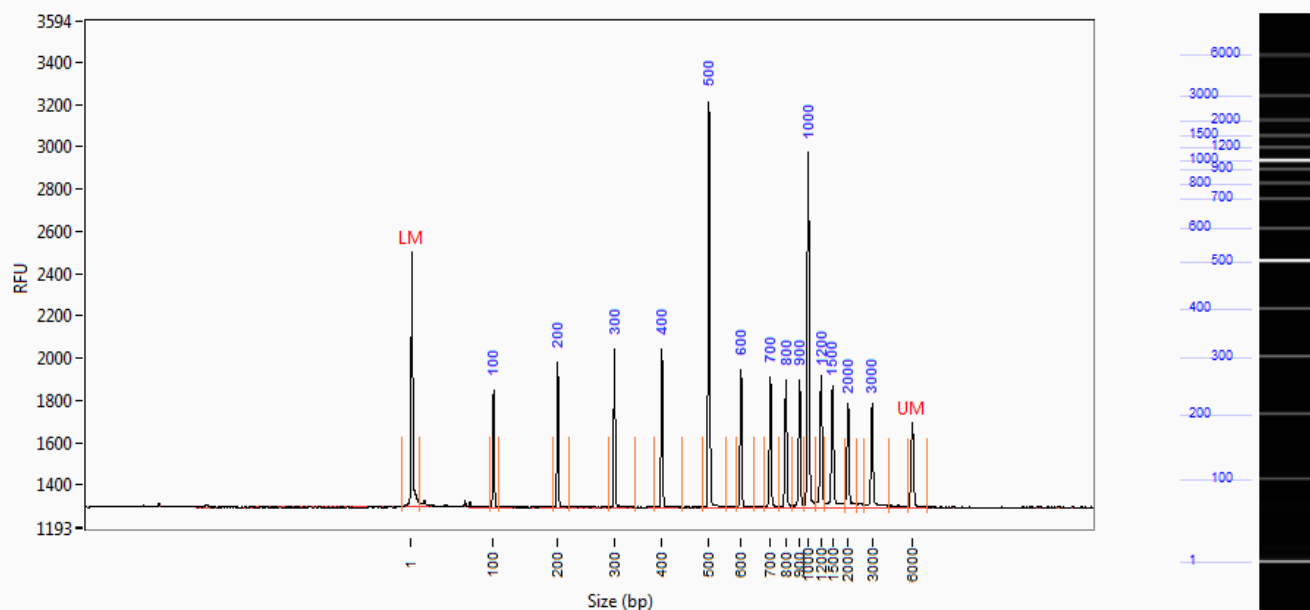
Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0164	0	13	2	163.06	1821	11.489
2	66	0.3862	13	90	55	27.18	2640	22.496
3	104	0.0120	90	114	103	4.38	104	0.699
4	163	0.0903	114	196	155	11.40	160	5.263
5	583	0.2728	474	785	579	7.00	547	15.891
6	6000 (UM)	0.0031	5556	6714	6007	2.34	554	2.178
TIC:		0.7613	ng/uL					
TIM:		11.516	nmole/L					
Total Conc.:		0.8636	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: DE**Well Location:** A11**Created:** Thursday, December 03, 2015 11:02:05 AM

Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0164	0	13	1	188.60	1490	9.128
2	66	0.2045	22	93	53	30.20	704	9.463
3	164	0.1011	125	223	165	11.76	242	4.680
4	609	0.2449	479	820	589	6.62	659	11.335
5	6000 (UM)	0.0031	5662	6798	6005	2.10	454	1.722
TIC:		0.5505	ng/uL					
TIM:		6.760	nmole/L					
Total Conc.:		0.7023	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:** A12**Created:** Thursday, December 03, 2015 11:02:05 AM

Peak	Size (bp)	Conc. (ng/uL)	From (bp)	To (bp)	Avg. Size (bp)	CV%	RFU	Corr. Peak Area
1	1 (LM)	0.0164	0	12	1	214.91	1208	7.639
2	100	0.0563	97	110	100	1.40	555	2.182
3	200	0.0632	194	221	200	1.03	689	2.449
4	300	0.0649	292	345	300	1.45	750	2.515
5	400	0.0634	384	445	400	1.03	748	2.455
6	500	0.1605	488	557	501	1.12	1917	6.215
7	600	0.0564	587	647	599	0.93	653	2.186
8	700	0.0527	681	754	700	0.99	615	2.041
9	800	0.0514	754	844	799	1.04	604	1.992
10	900	0.0519	844	944	898	1.16	605	2.009
11	1000	0.1472	944	1107	999	1.65	1684	5.701
12	1200	0.0561	1107	1306	1195	2.08	626	2.174
13	1500	0.0586	1306	1889	1511	5.82	574	2.270
14	2000	0.0458	1889	2349	2009	3.57	494	1.773
15	3000	0.0482	2663	4247	3045	7.79	494	1.867
16	6000 (UM)	0.0033	5662	7093	6013	2.59	402	1.527
TIC:		0.9767	ng/uL					
TIM:		3.517	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:** A12**Created:** Thursday, December 03, 2015 11:02:05 AM**Fit Type:** Point to Point

Calibration Curve

