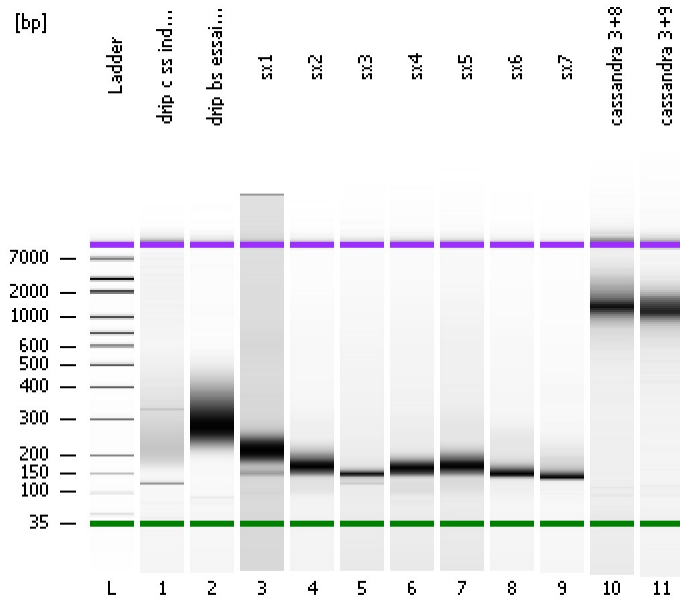


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-21\2014-05-21_002.xad

Created: 5/21/2014 3:11:50 PM
Modified: 5/21/2014 3:54:01 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\High Sensitivity DNA.xsy
Assay Class: High Sensitivity DNA Assay
Version: 1.03
Assay Comments: Copyright © 2003-2010 Agilent Technologies

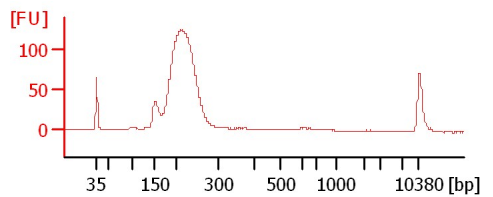
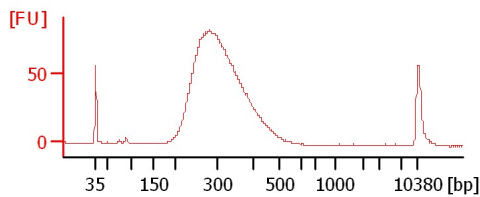
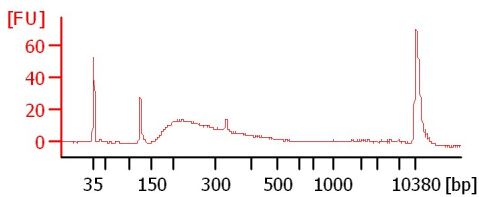
Chip Information:

Chip Lot #:
Reagent Kit Lot #:
Chip Comments:

drip c ss index 10 mouse 2ndtry

drip bs essai1 index primer2

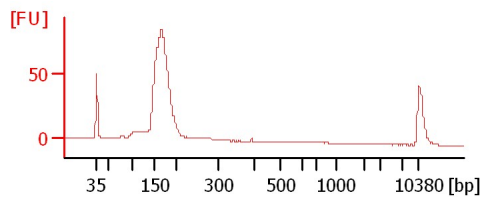
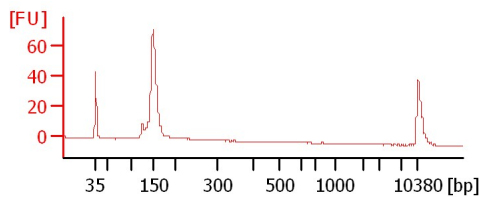
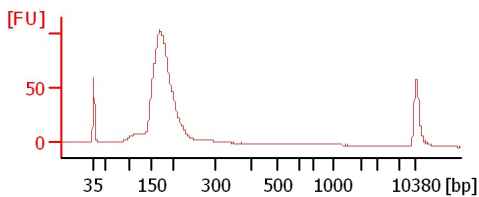
sx1



sx2

sx3

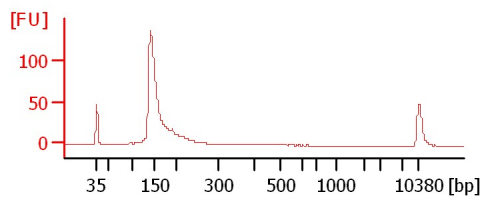
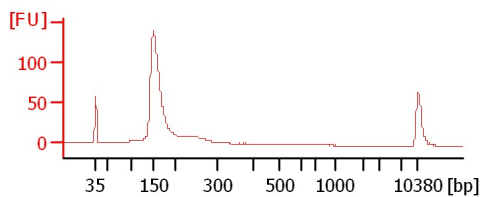
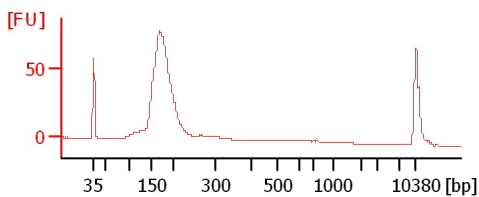
sx4



sx5

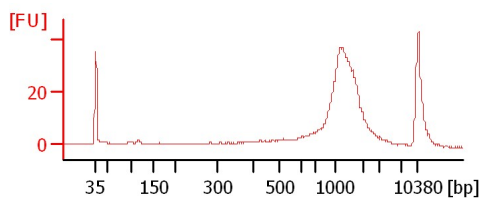
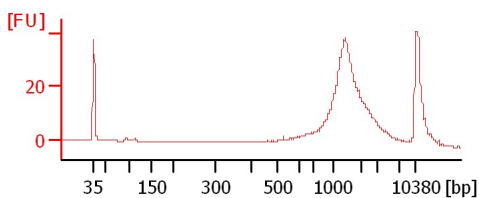
sx6

sx7



cassandra 3+8

cassandra 3+9



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-21\2014-05-21_002.xad

Created: 5/21/2014 3:11:50 PM
 Modified: 5/21/2014 3:54:01 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
drip c ss index 10 mouse 2ndtry		<input type="checkbox"/>	✓			
drip bs essai1 index primer2		<input type="checkbox"/>	✓			
sx1		<input type="checkbox"/>	✓			
sx2		<input type="checkbox"/>	✓			
sx3		<input type="checkbox"/>	✓			
sx4		<input type="checkbox"/>	✓			
sx5		<input type="checkbox"/>	✓			
sx6		<input type="checkbox"/>	✓			
sx7		<input type="checkbox"/>	✓			
cassandra 3+8		<input type="checkbox"/>	✓			
cassandra 3+9		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-21\2014-05-21_002.xad

Created: 5/21/2014 3:11:50 PM
Modified: 5/21/2014 3:54:01 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12
Minimum Visible Range [s] : 32
Maximum Visible Range [s] : 138
Start Analysis Time Range [s] : 33
End Analysis Time Range [s] : 137.5
Ladder Concentration [pg/μl] : 1950
Uses Standard Area for Ladder Fragments
Lower Marker Concentration [pg/μl] : 125
Upper Marker Concentration [pg/μl] : 75
Used Upper Marker for Quantitation
Standard Curve Fit is Point to Point
Show Data Aligned to Lower and Upper Marker

Integrator Settings

Integration Start Time [s] : 33.05
Integration End Time [s] : 137
Slope Threshold : 0.8
Height Threshold [FU] : 5
Area Threshold : 0.1
Width Threshold [s] : 0.6
Baseline Plateau [s] : 0.5

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

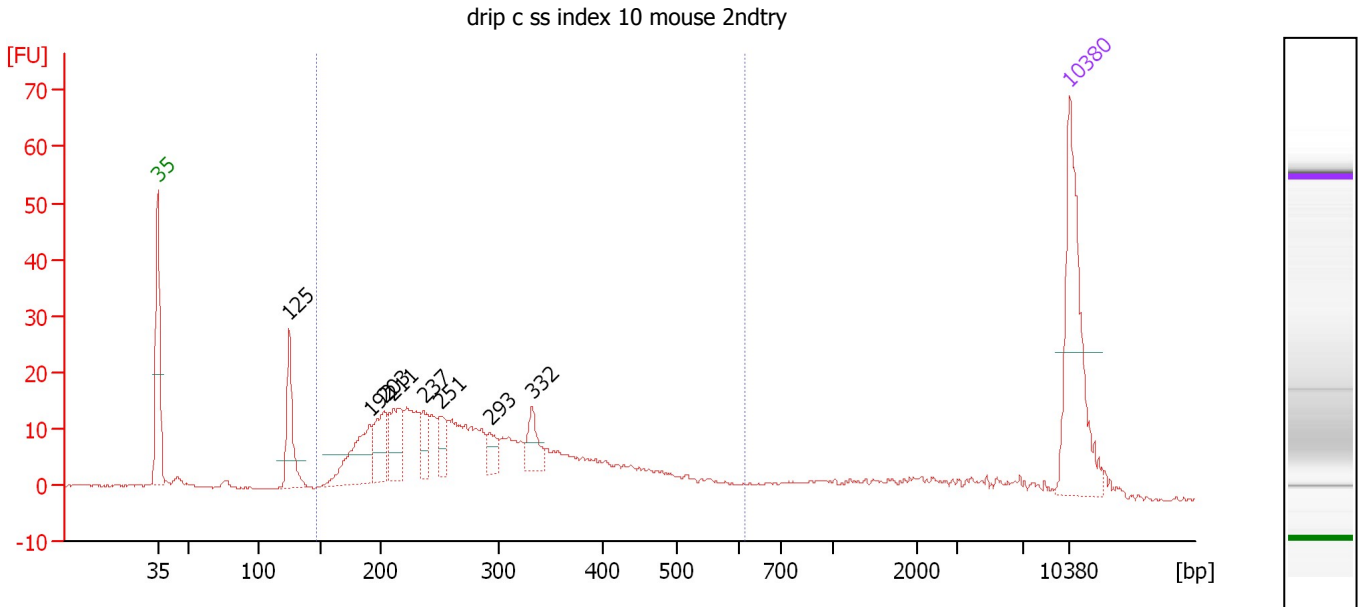
Ladder

Ladder Peak	Size	Area
1	35	160
2	50	210
3	100	208
4	150	221
5	200	242
6	300	270
7	400	305
8	500	306
9	600	336
10	700	321
11	1000	366
12	2000	413
13	3000	411
14	7000	400
15	10380	214

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-21\2014-05-21_002.xad

Created: 5/21/2014 3:11:50 PM
 Modified: 5/21/2014 3:54:01 PM

Electropherogram Summary



Overall Results for sample 1 : drip c ss index 10 mouse 2ndtry

Number of peaks found: 8 Corr. Area 1: 377.6
 Noise: 0.2

Peak table for sample 1 : drip c ss index 10 mouse 2ndtry

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	125	51.45	624.3	
3	192	53.00	418.8	
4	203	34.31	255.9	
5	211	39.36	282.2	
6	237	16.78	107.4	
7	251	16.75	101.2	
8	293	12.27	63.5	
9	332	20.13	91.9	
10	10,380	75.00	10.9	Upper Marker

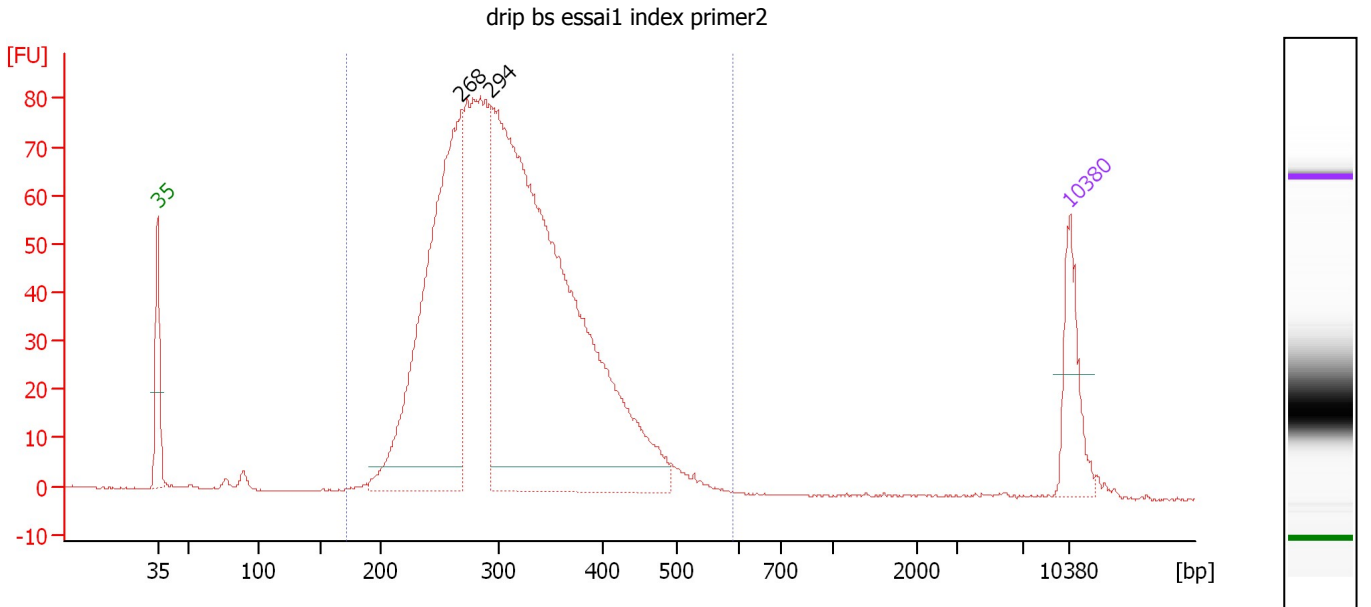
Region table for sample 1 : drip c ss index 10 mouse 2ndtry

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
147	614	299	3,154.8	545.98	377.6	77	32.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-21\2014-05-21_002.xad

Created: 5/21/2014 3:11:50 PM
 Modified: 5/21/2014 3:54:01 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : drip bs essai1 index primer2

Number of peaks found: 2 Corr. Area 1: 1,469.0
 Noise: 0.2

Peak table for sample 2 : drip bs essai1 index primer2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	268	751.28	4,240.6	
3	294	1,487.43	7,668.8	
4	10,380	75.00	10.9	Upper Marker

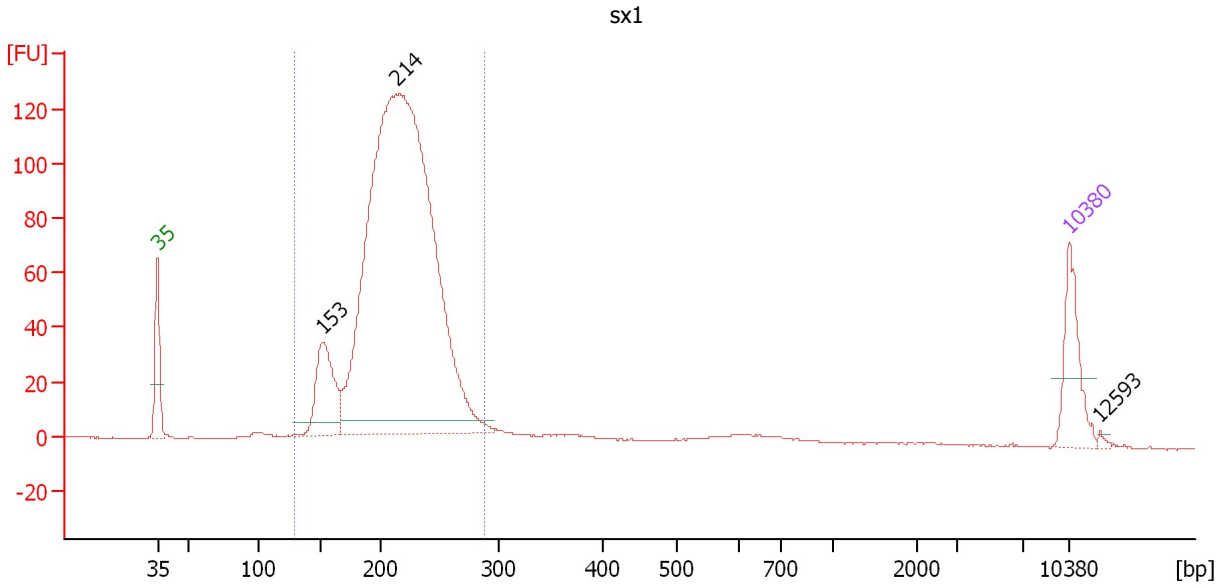
Region table for sample 2 : drip bs essai1 index primer2

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
173	592	314	13,205.4	2,605.45	1,469.0	99	19.8

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-21\2014-05-21_002.xad

Created: 5/21/2014 3:11:50 PM
 Modified: 5/21/2014 3:54:01 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : sx1

Number of peaks found: 3 Corr. Area 1: 1,403.2
 Noise: 0.2

Peak table for sample 3 : sx1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	153	174.17	1,728.8	
3	214	1,887.65	13,364.5	
4	10,380	75.00	10.9	Upper Marker
5	12,593	0.00	0.0	

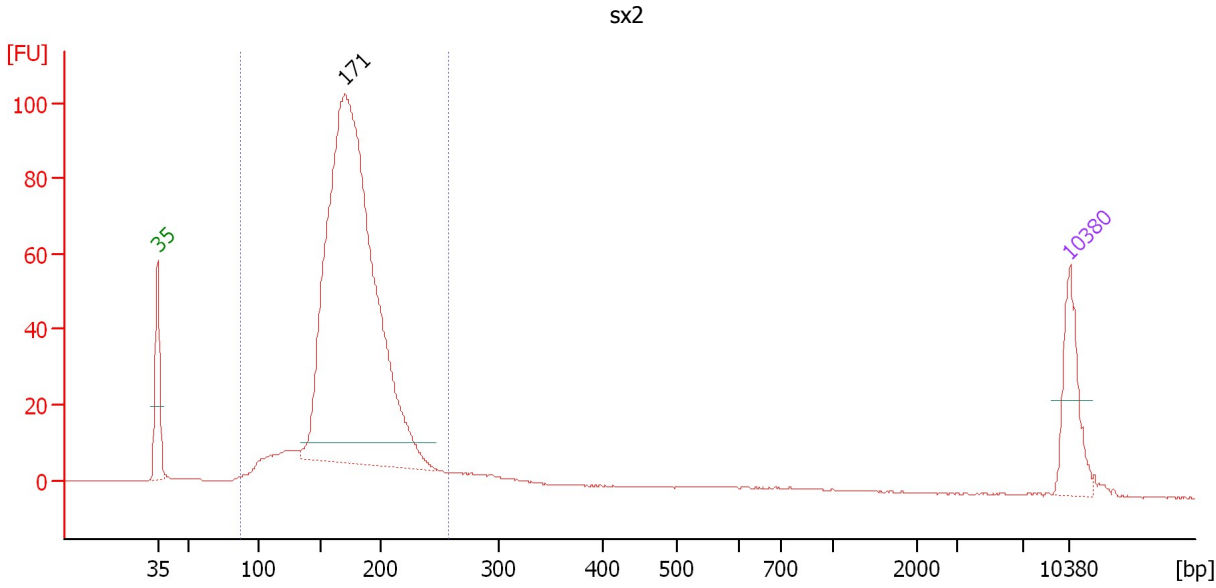
Region table for sample 3 : sx1

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
129	288	214	15,309.5	2,120.12	1,403.2	93	13.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-21\2014-05-21_002.xad

Created: 5/21/2014 3:11:50 PM
 Modified: 5/21/2014 3:54:01 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : sx2

Number of peaks found: 1 Corr. Area 1: 916.3
 Noise: 0.2

Peak table for sample 4 : sx2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	171	1,457.67	12,898.6	
3	10,380	75.00	10.9	Upper Marker

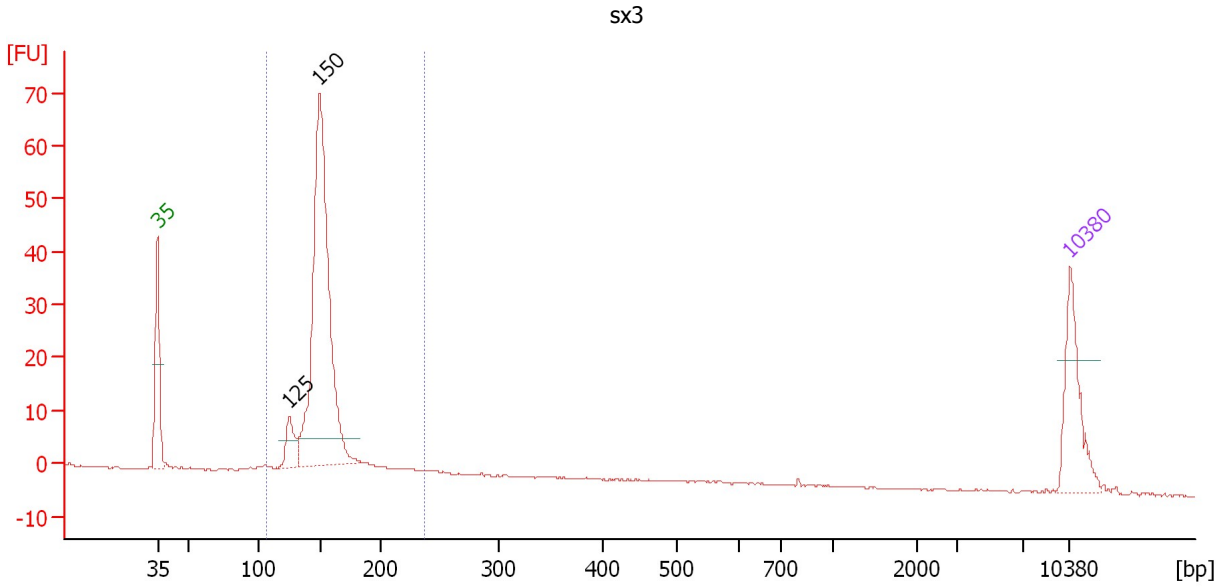
Region table for sample 4 : sx2

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
87	258	176	15,639.5	1,761.11	916.3	92	15.3

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-21\2014-05-21_002.xad

Created: 5/21/2014 3:11:50 PM
 Modified: 5/21/2014 3:54:01 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : sx3

Number of peaks found: 2 Corr. Area 1: 226.5
 Noise: 0.2

Peak table for sample 5 : sx3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	125	43.12	523.9	
3	150	562.32	5,689.0	
4	10,380	75.00	10.9	Upper Marker

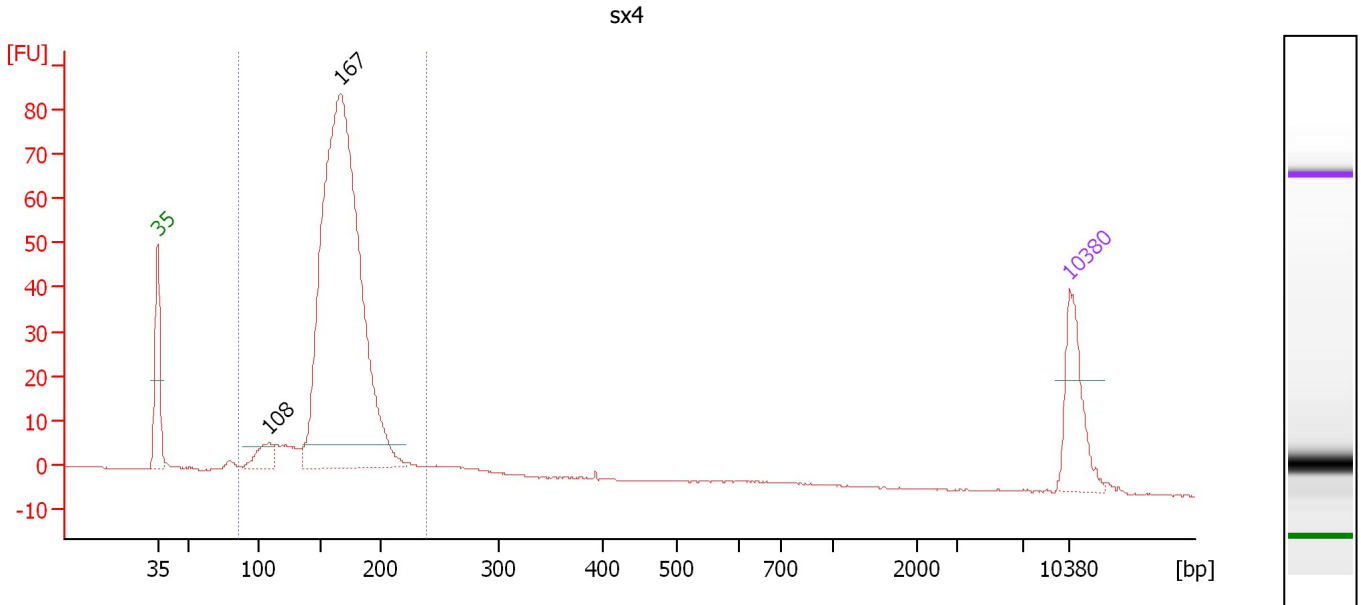
Region table for sample 5 : sx3

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
106	238	153	6,859.1	685.71	226.5	92	11.1

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-21\2014-05-21_002.xad

Created: 5/21/2014 3:11:50 PM
 Modified: 5/21/2014 3:54:01 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : sx4

Number of peaks found: 2 Corr. Area 1: 588.3
 Noise: 0.2

Peak table for sample 6 : sx4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	108	42.75	597.2	
3	167	1,201.65	10,889.1	
4	10,380	75.00	10.9	Upper Marker

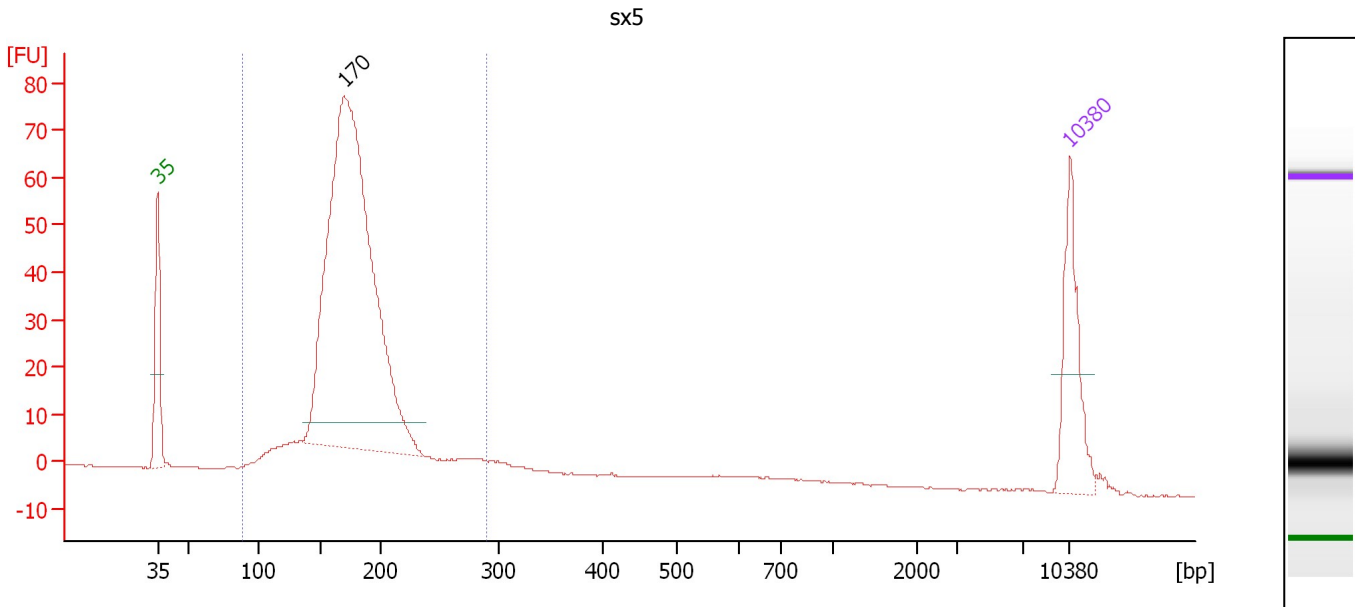
Region table for sample 6 : sx4

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
85	238	166	12,730.4	1,367.47	588.3	92	13.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-21\2014-05-21_002.xad

Created: 5/21/2014 3:11:50 PM
 Modified: 5/21/2014 3:54:01 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : sx5

Number of peaks found: 1 Corr. Area 1: 649.5
 Noise: 0.2

Peak table for sample 7 : sx5

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	170	931.65	8,302.6	
3	10,380	75.00	10.9	Upper Marker

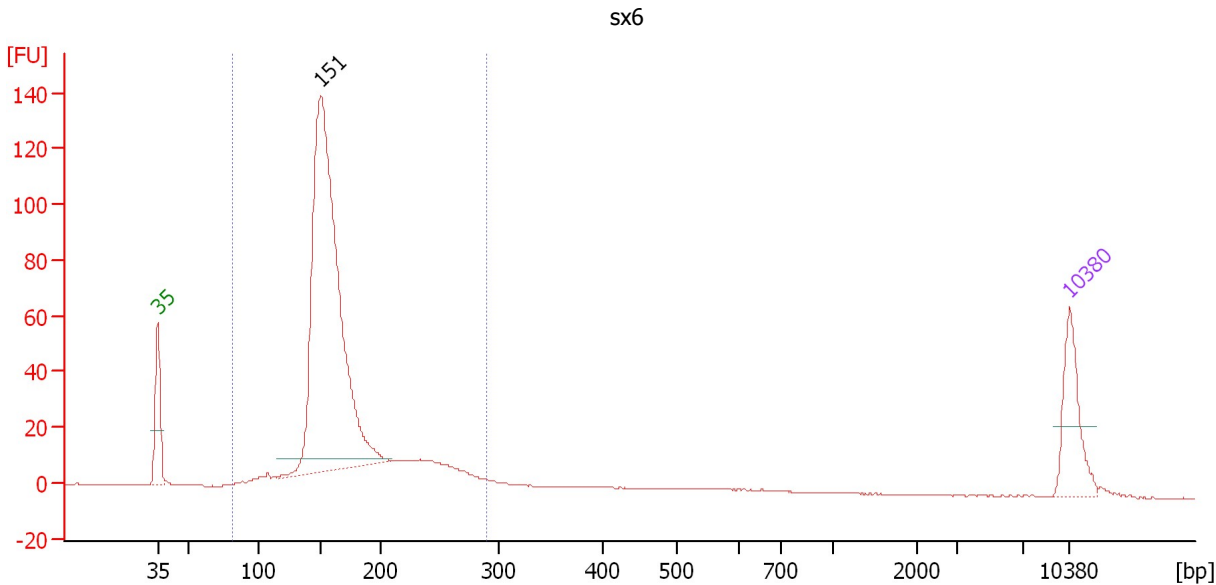
Region table for sample 7 : sx5

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
89	290	179	9,976.2	1,144.44	649.5	93	16.1

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-21\2014-05-21_002.xad

Created: 5/21/2014 3:11:50 PM
 Modified: 5/21/2014 3:54:01 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : sx6

Number of peaks found: 1 Corr. Area 1: 760.8
 Noise: 0.1

Peak table for sample 8 : sx6

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	151	1,006.19	10,088.7	
3	10,380	75.00	10.9	Upper Marker

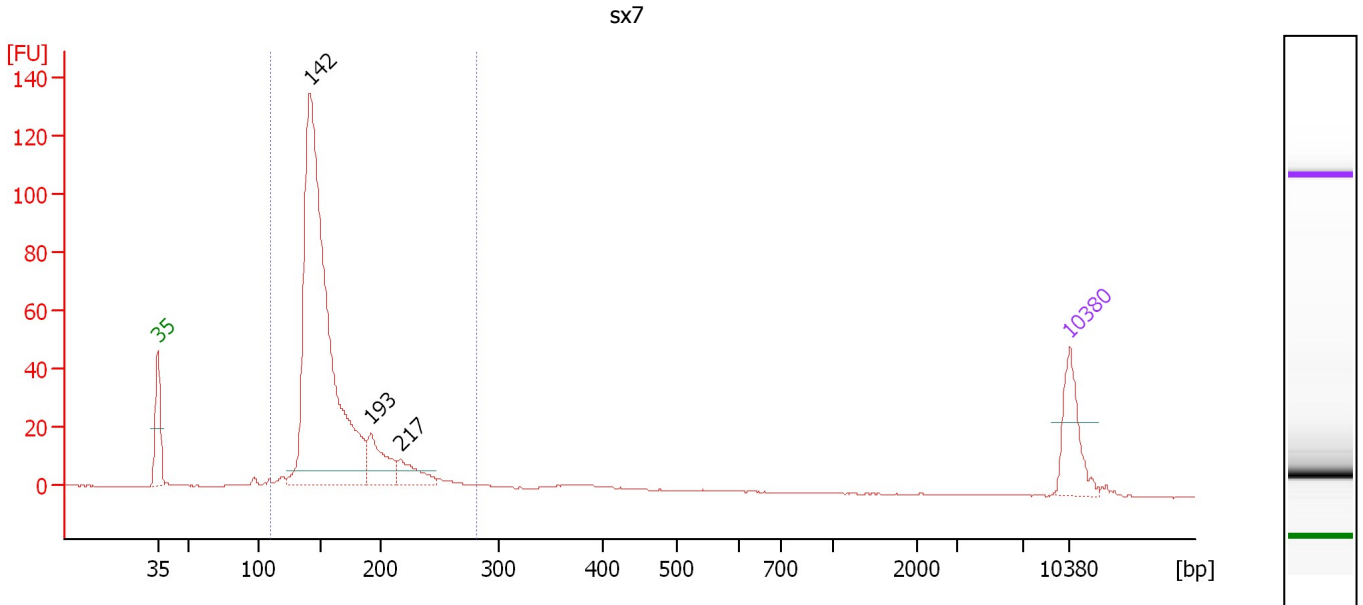
Region table for sample 8 : sx6

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
82	289	170	12,241.7	1,312.45	760.8	94	20.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-21\2014-05-21_002.xad

Created: 5/21/2014 3:11:50 PM
 Modified: 5/21/2014 3:54:01 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : sx7

Number of peaks found: 3 Corr. Area 1: 619.6
 Noise: 0.1

Peak table for sample 9 : sx7

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	142	1,249.21	13,318.6	
3	193	103.38	812.2	
4	217	55.57	387.6	
5	10,380	75.00	10.9	Upper Marker

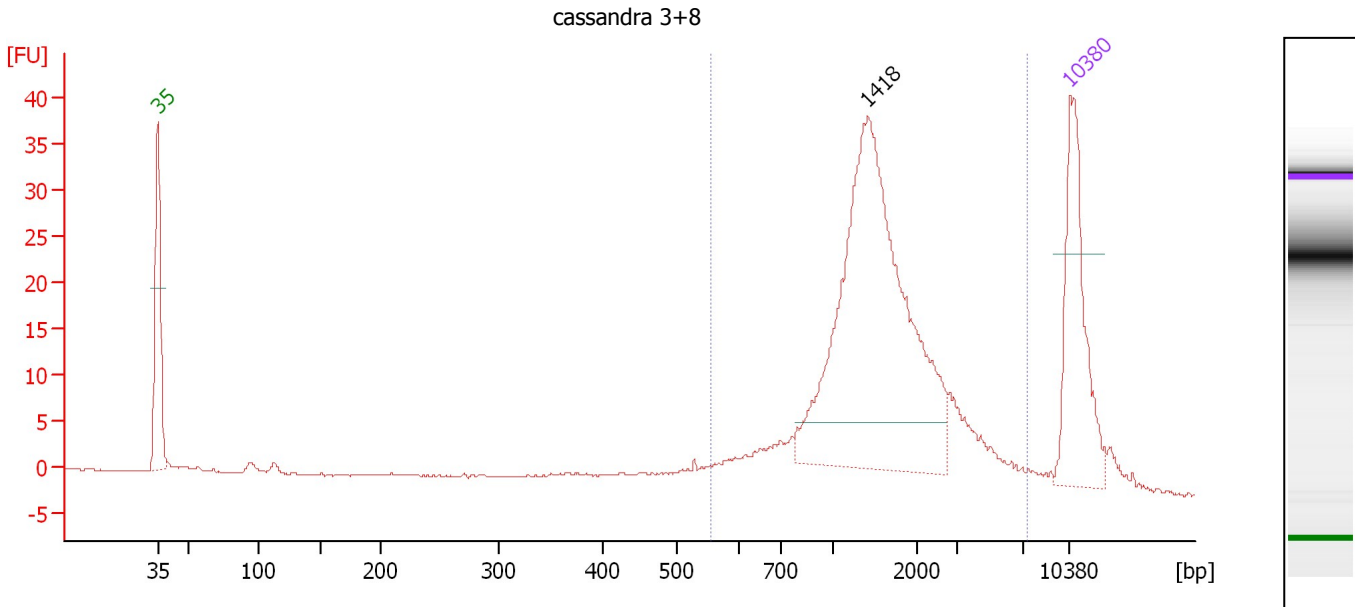
Region table for sample 9 : sx7

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
109	282	162	14,038.4	1,451.34	619.6	95	17.9

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-21\2014-05-21_002.xad

Created: 5/21/2014 3:11:50 PM
 Modified: 5/21/2014 3:54:01 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : cassandra 3+8

Number of peaks found: 1 Corr. Area 1: 296.3
 Noise: 0.1

Peak table for sample 10 : cassandra 3+8

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	1,418	291.21	311.2	
3	10,380	75.00	10.9	Upper Marker

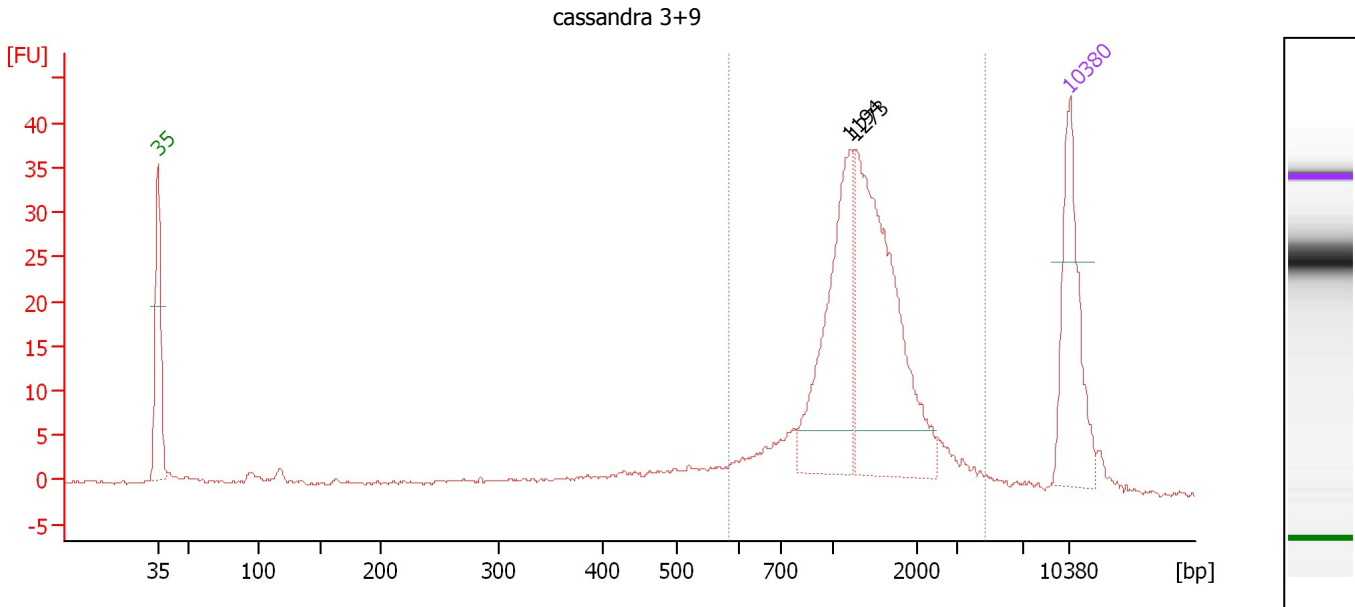
Region table for sample 10 : cassandra 3+8

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
553	7,321	1,760	448.0	399.92	296.3	88	60.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-21\2014-05-21_002.xad

Created: 5/21/2014 3:11:50 PM
 Modified: 5/21/2014 3:54:01 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : cassandra 3+9

Number of peaks found: 2 Corr. Area 1: 276.4
 Noise: 0.2

Peak table for sample 11 : cassandra 3+9

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	1,194	129.88	164.8	
3	1,273	200.66	238.9	
4	10,380	75.00	10.9	Upper Marker

Region table for sample 11 : cassandra 3+9

From [bp]	To [bp]	Average Size [bp]	Molarity [pmol/l]	Conc. [pg/μl]	Co Corr. lor Area	% of Total	Size distribution in CV [%]
585	4,628	1,417	525.8	425.42	276.4	81	40.7

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\Data\2014-05-21\2014-05-21_002.xad

Created: 5/21/2014 3:11:50 PM
Modified: 5/21/2014 3:54:01 PM

Gel Image

