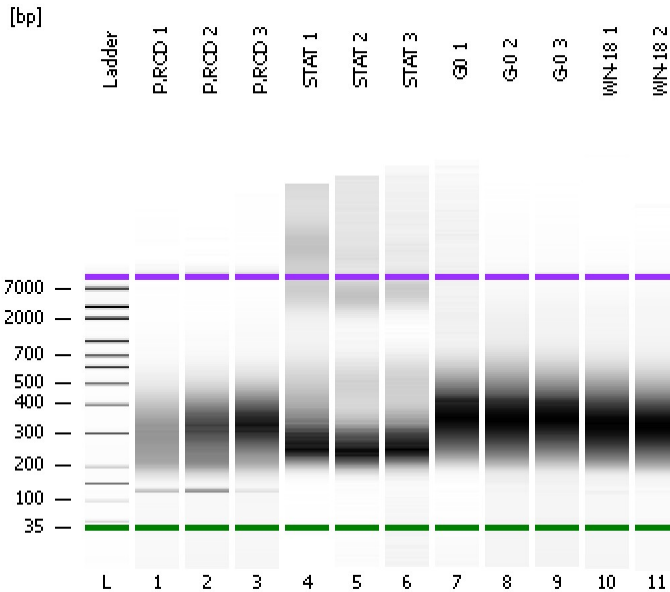


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-07-12\2016-07-12_002.xad

Created: 7/12/2016 12:37:46 PM
Modified: 7/12/2016 1:19:07 PM

Electrophoresis File Run Summary



Instrument Information:

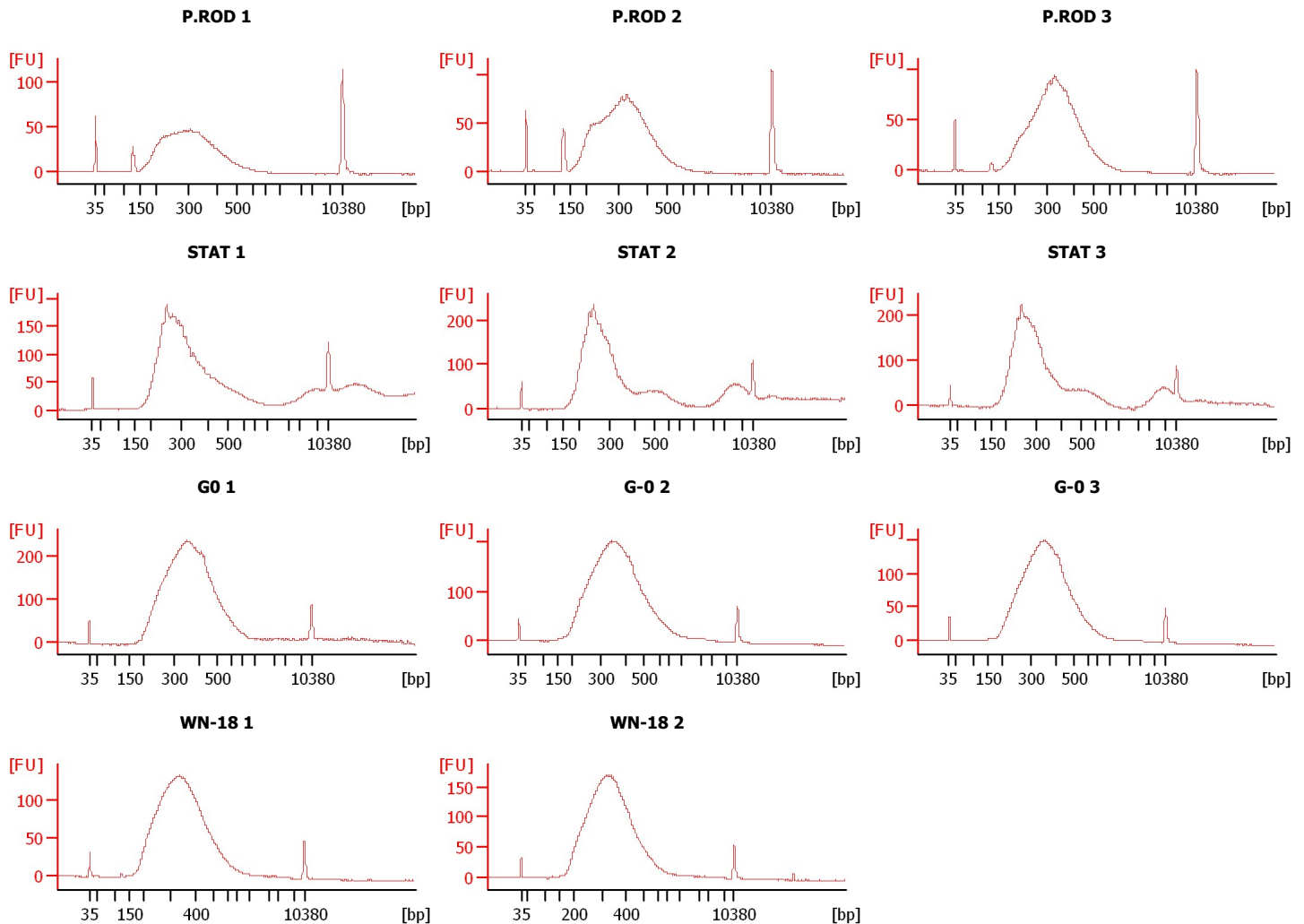
Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

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:



Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-07-12\2016-07-12_002.xad

Created: 7/12/2016 12:37:46 PM
Modified: 7/12/2016 1:19:07 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
P.ROD 1		<input type="checkbox"/>	✓			
P.ROD 2		<input type="checkbox"/>	✓			
P.ROD 3		<input type="checkbox"/>	✓			
STAT 1		<input type="checkbox"/>	✓			
STAT 2		<input type="checkbox"/>	✓			
STAT 3		<input type="checkbox"/>	✓			
G0 1		<input type="checkbox"/>	✓			
G-0 2		<input type="checkbox"/>	✓			
G-0 3		<input type="checkbox"/>	✓			
WN-18 1		<input type="checkbox"/>	✓			
WN-18 2		<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\2016-07-12\2016-07-12_002.xad

Created: 7/12/2016 12:37:46 PM
Modified: 7/12/2016 1:19:07 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

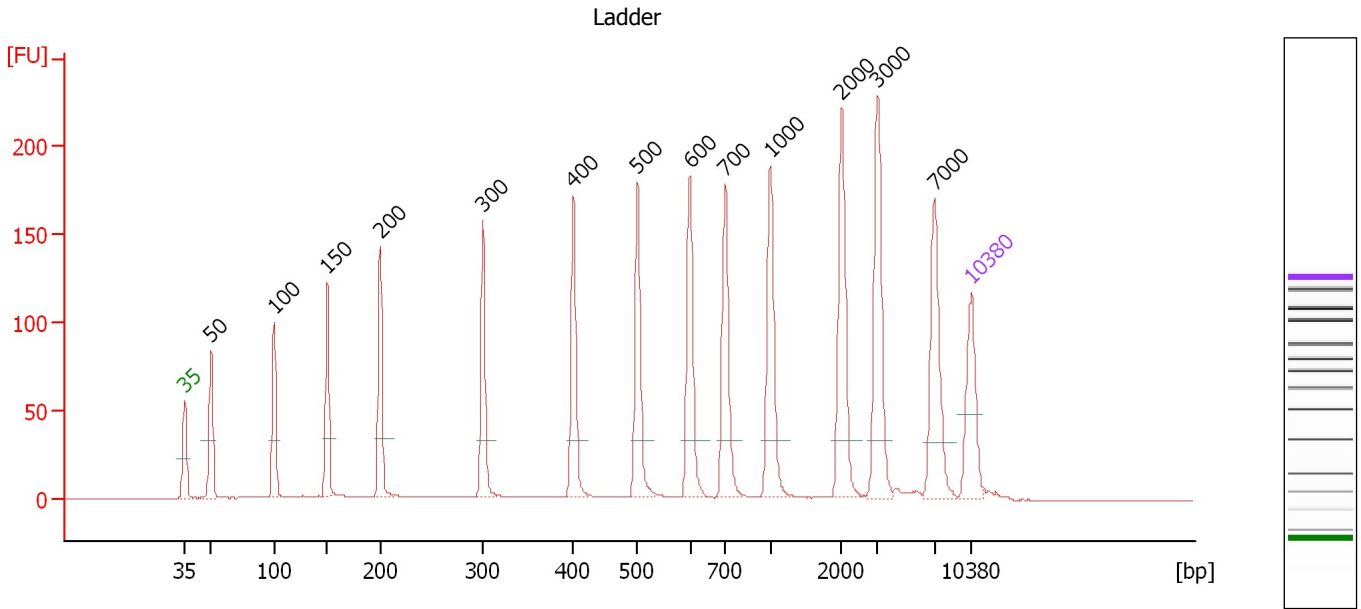
Ladder

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\2016-07-12\2016-07-12_002.xad

Created: 7/12/2016 12:37:46 PM
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Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

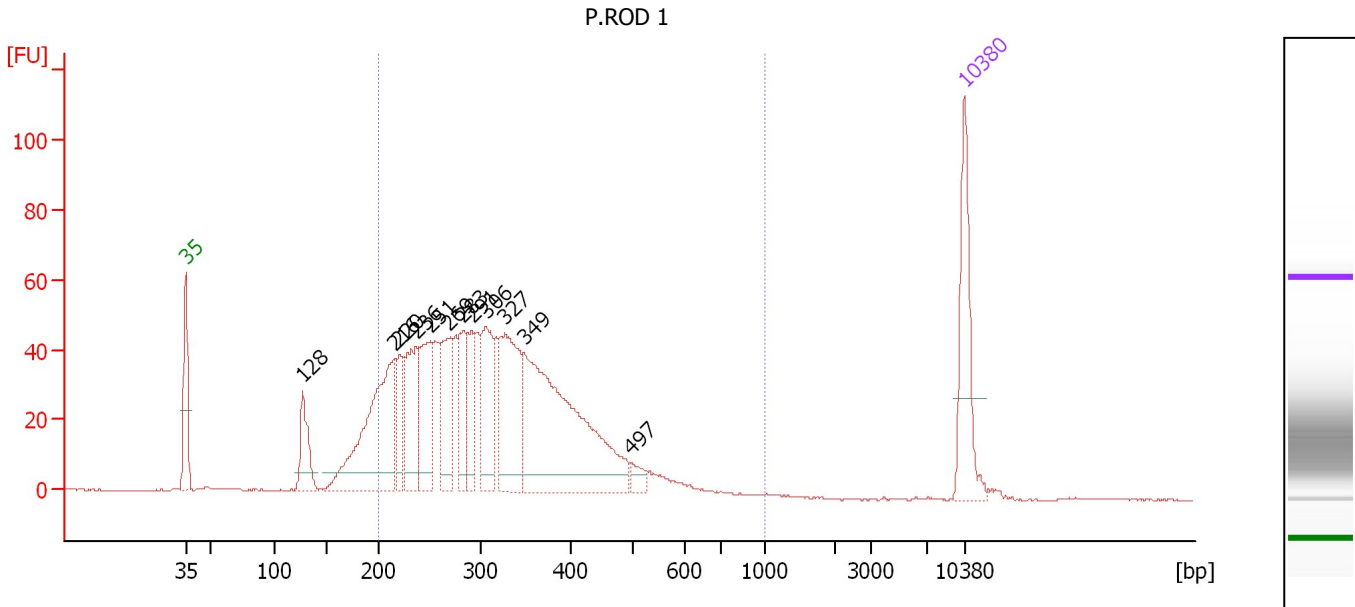
Peak table for Ladder

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	50	150.00	4,545.5	Ladder Peak	45.32
3	100	150.00	2,272.7	Ladder Peak	50.92
4	150	150.00	1,515.2	Ladder Peak	55.66
5	200	150.00	1,136.4	Ladder Peak	60.36
6	300	150.00	757.6	Ladder Peak	69.51
7	400	150.00	568.2	Ladder Peak	77.57
8	500	150.00	454.5	Ladder Peak	83.26
9	600	150.00	378.8	Ladder Peak	87.91
10	700	150.00	324.7	Ladder Peak	91.09
11	1,000	150.00	227.3	Ladder Peak	95.07
12	2,000	150.00	113.6	Ladder Peak	101.43
13	3,000	150.00	75.8	Ladder Peak	104.61
14	7,000	150.00	32.5	Ladder Peak	109.63
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-07-12\2016-07-12_002.xad

Created: 7/12/2016 12:37:46 PM
 Modified: 7/12/2016 1:19:07 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : P.ROD 1

Number of peaks found: 12 Corr. Area 1: 1,189.2
 Noise: 0.1

Peak table for sample 1 : P.ROD 1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	128	63.30	751.5		53.54
3	216	231.60	1,627.9		61.78
4	220	50.10	344.6		62.21
5	236	107.37	687.9		63.70
6	251	89.82	541.9		65.04
7	269	88.35	496.7		66.72
8	283	54.38	291.0		67.96
9	291	57.26	297.7		68.73
10	306	92.68	458.4		70.02
11	327	145.63	674.5		71.70
12	349	345.02	1,499.8		73.42
13	497	13.53	41.2		83.10
14	10,380	75.00	10.9	Upper Marker	113.00

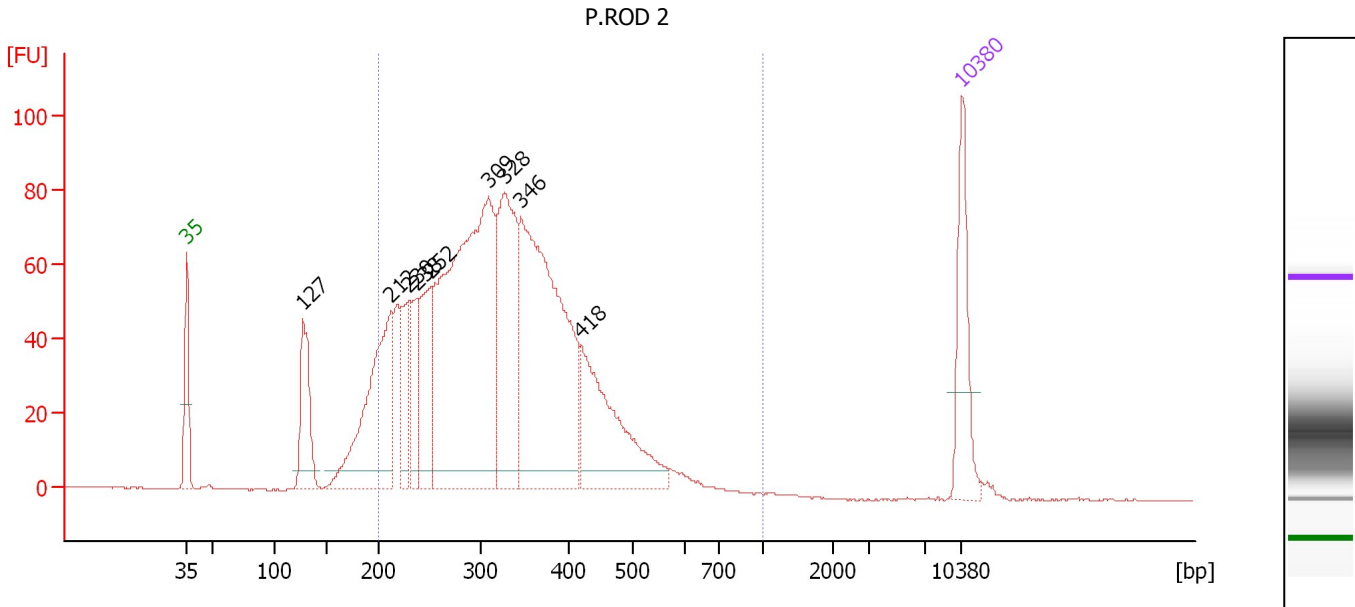
Region table for sample 1 : P.ROD 1

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	322	1,189.2	7,054.4	1,376.45	88	27.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-07-12\2016-07-12_002.xad

Created: 7/12/2016 12:37:46 PM
 Modified: 7/12/2016 1:19:07 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : P.ROD 2

Number of peaks found: 9 Corr. Area 1: 1,828.8
 Noise: 0.2

Peak table for sample 2 : P.ROD 2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	127	121.03	1,442.3		53.50
3	212	270.84	1,937.4		61.44
4	230	77.69	512.4		63.08
5	238	68.19	434.8		63.80
6	252	117.38	706.3		65.10
7	309	627.51	3,075.4		70.25
8	328	238.36	1,102.2		71.74
9	346	478.96	2,099.9		73.19
10	418	196.02	711.1		78.58
11	10,380	75.00	10.9	Upper Marker	113.00

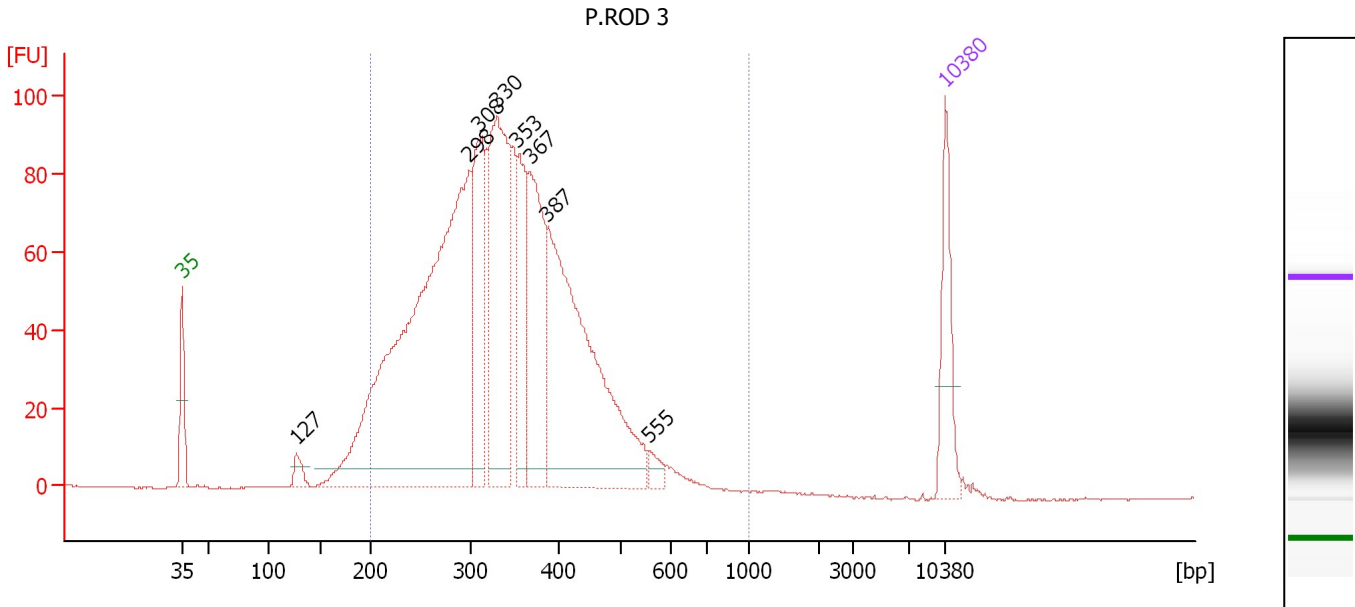
Region table for sample 2 : P.ROD 2

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	331	1,828.8	10,362.7	2,084.26	90	26.3

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-07-12\2016-07-12_002.xad

Created: 7/12/2016 12:37:46 PM
 Modified: 7/12/2016 1:19:07 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : P.ROD 3

Number of peaks found: 8 Corr. Area 1: 2,006.6
 Noise: 0.1

Peak table for sample 3 : P.ROD 3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	127	23.17	276.7		53.47
3	298	1,012.67	5,141.6		69.37
4	308	202.72	997.5		70.15
5	330	331.80	1,524.5		71.91
6	353	126.16	541.8		73.77
7	367	221.15	913.6		74.89
8	387	508.94	1,993.6		76.51
9	555	15.67	42.8		85.80
10	10,380	75.00	10.9	Upper Marker	113.00

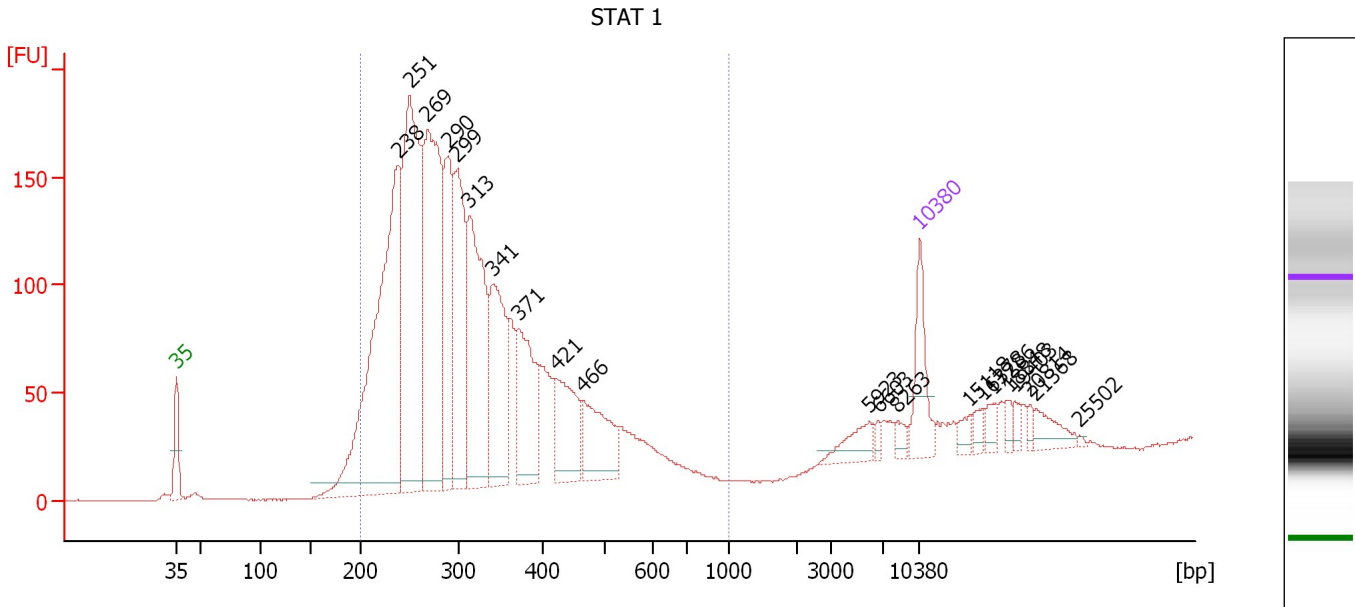
Region table for sample 3 : P.ROD 3

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	343	2,006.6	12,443.8	2,605.13	95	25.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-07-12\2016-07-12_002.xad

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 Modified: 7/12/2016 1:19:07 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : STAT 1

Number of peaks found: 21 Corr. Area 1: 3,140.8
 Noise: 0.2

Peak table for sample 4 : STAT 1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	238	854.80	5,441.0		63.84
3	251	620.32	3,749.7		64.99
4	269	580.92	3,275.0		66.65
5	290	239.87	1,252.6		68.61
6	299	301.27	1,524.2		69.46
7	313	385.55	1,865.7		70.57
8	341	246.63	1,097.4		72.78
9	371	205.74	840.1		75.24
10	421	142.62	513.6		78.75
11	466	133.78	435.2		81.31
12	5,923	39.57	10.1		108.28
13	6,603	8.60	2.0		109.13
14	8,263	14.54	2.7		110.89
15	10,380	75.00	10.9	Upper Marker	113.00
16	15,118	0.00	0.0		117.72
17	16,378	0.00	0.0		118.98
18	17,286	0.00	0.0		119.88
19	18,848	0.00	0.0		121.44
20	19,403	0.00	0.0		121.99
21	20,814	0.00	0.0		123.39
22	21,368	0.00	0.0		123.95
23	25,502	0.00	0.0		128.06


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-07-12\2016-07-12_002.xad

Created: 7/12/2016 12:37:46 PM
Modified: 7/12/2016 1:19:07 PM

Electropherogram Summary Continued ...

... Region table for sample 4 :

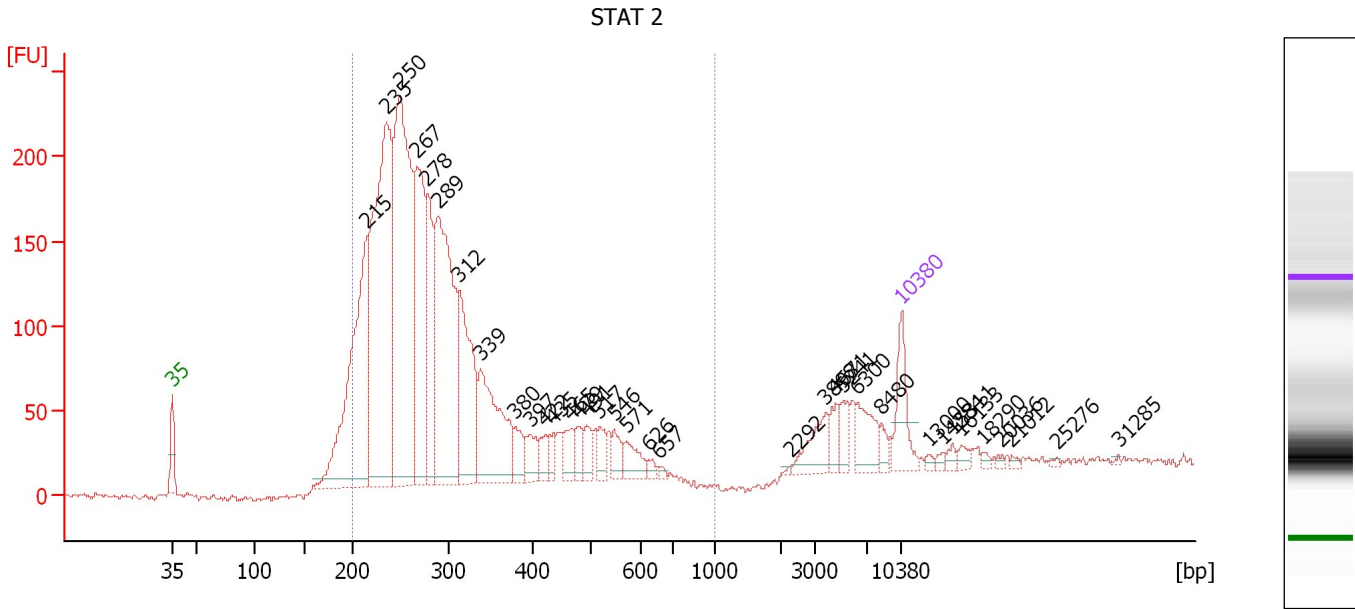
STAT 1

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	314	3,140.8	19,324.0	 3,713.86	91	26.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-07-12\2016-07-12_002.xad

Created: 7/12/2016 12:37:46 PM
 Modified: 7/12/2016 1:19:07 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : STAT 2

Number of peaks found: 35 Corr. Area 1: 3,462.3
 Noise: 1.6

Peak table for sample 5 : STAT 2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	215	645.20	4,547.5		61.73
3	235	991.49	6,390.0		63.57
4	250	897.62	5,448.2		64.90
5	267	443.85	2,519.1		66.49
6	278	252.94	1,377.8		67.51
7	289	630.40	3,301.3		68.53
8	312	317.02	1,539.5		70.48
9	339	288.82	1,292.2		72.63
10	380	51.10	203.8		75.95
11	397	51.44	196.3		77.33
12	422	36.23	130.1		78.82
13	435	29.05	101.1		79.59
14	465	46.27	150.7		81.27
15	479	36.48	115.5		82.04
16	491	40.11	123.7		82.76
17	517	37.44	109.8		84.04
18	546	37.19	103.1		85.42
19	571	48.51	128.8		86.55
20	626	12.24	29.6		88.75
21	657	6.15	14.2		89.72
22	2,292	2.43	1.6		102.36
23	3,898	62.64	24.4		105.73
24	4,671	30.94	10.0		106.71
25	5,241	35.14	10.2		107.42

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-07-12\2016-07-12_002.xad

Created: 7/12/2016 12:37:46 PM
 Modified: 7/12/2016 1:19:07 PM

Electropherogram Summary Continued ...

... Peak table for sample 5 : STAT 2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	6,300	65.79	15.8		108.75
27	8,480	15.77	2.8		111.11
28	10,380	75.00	10.9	Upper Marker	113.00
29	13,000	0.00	0.0		115.61
30	14,284	0.00	0.0		116.89
31	15,311	0.00	0.0		117.91
32	16,133	0.00	0.0		118.73
33	18,290	0.00	0.0		120.88
34	20,036	0.00	0.0		122.62
35	21,012	0.00	0.0		123.59
36	25,276	0.00	0.0		127.84
37	31,285	0.00	0.0		133.83

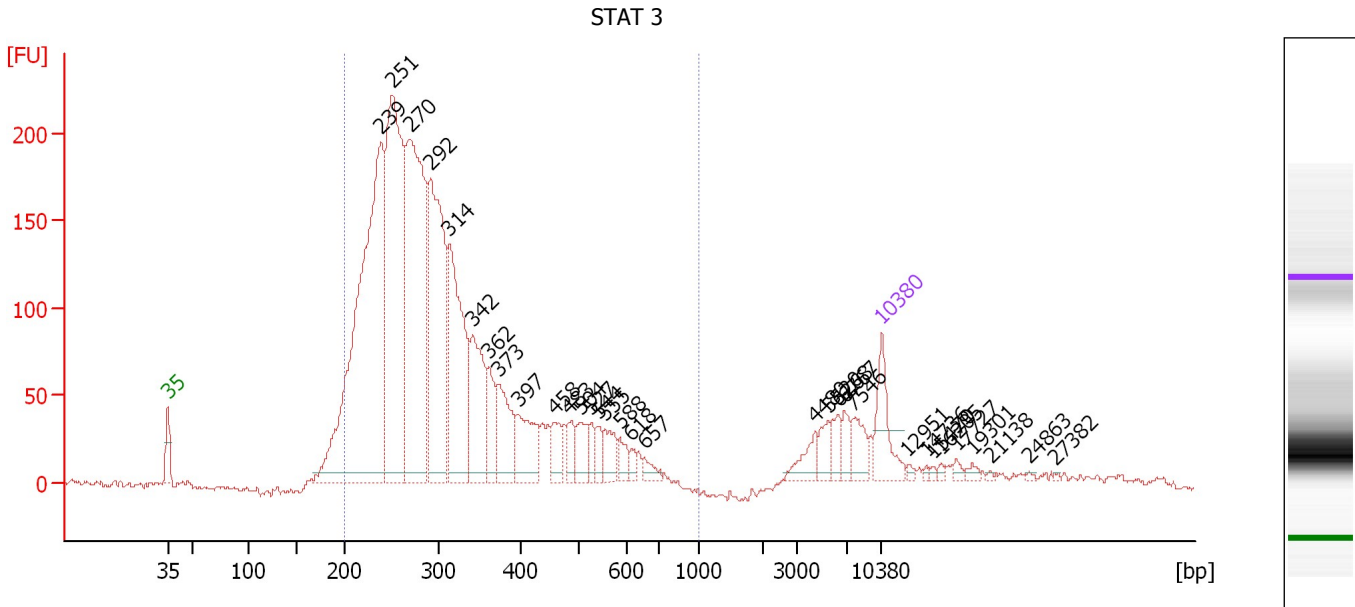
Region table for sample 5 : STAT 2

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	300	3,462.3	25,751.9	4,689.62	87	30.0

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-07-12\2016-07-12_002.xad

Created: 7/12/2016 12:37:46 PM
 Modified: 7/12/2016 1:19:07 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : STAT 3

Number of peaks found: 32 Corr. Area 1: 3,713.4
 Noise: 1.6

Peak table for sample 6 : STAT 3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	239	1,211.28	7,684.7		63.91
3	251	829.11	5,008.5		65.01
4	270	792.20	4,441.7		66.79
5	292	547.00	2,838.9		68.77
6	314	403.61	1,950.4		70.60
7	342	207.53	919.2		72.90
8	362	89.63	375.6		74.47
9	373	131.92	535.6		75.41
10	397	113.78	434.0		77.35
11	458	49.91	165.3		80.85
12	483	42.12	132.1		82.31
13	504	52.35	157.3		83.46
14	527	28.19	81.1		84.51
15	544	27.92	77.8		85.29
16	555	48.32	131.9		85.82
17	588	29.16	75.2		87.33
18	618	14.09	34.6		88.48
19	657	20.96	48.3		89.74
20	4,480	38.04	12.9		106.47
21	5,520	29.69	8.2		107.77
22	6,268	29.45	7.1		108.71
23	6,767	25.85	5.8		109.34
24	7,546	41.60	8.4		110.18
25	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-07-12\2016-07-12_002.xad

Created: 7/12/2016 12:37:46 PM
 Modified: 7/12/2016 1:19:07 PM

Electropherogram Summary Continued ...

... Peak table for sample 6 : STAT 3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	12,951	0.00	0.0		115.56
27	14,736	0.00	0.0		117.34
28	15,470	0.00	0.0		118.07
29	16,205	0.00	0.0		118.80
30	17,727	0.00	0.0		120.32
31	19,301	0.00	0.0		121.89
32	21,138	0.00	0.0		123.72
33	24,863	0.00	0.0		127.43
34	27,382	0.00	0.0		129.94

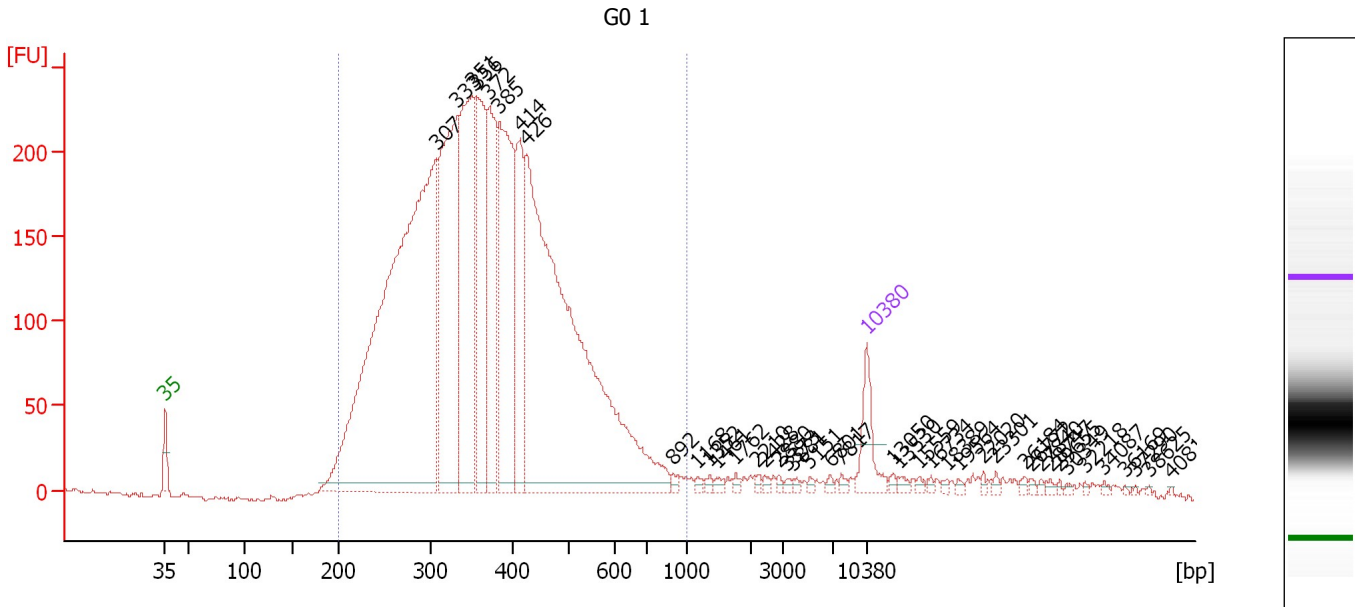
Region table for sample 6 : STAT 3

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	317	3,713.4	24,743.4	4,692.53	88	31.8

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-07-12\2016-07-12_002.xad

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 Modified: 7/12/2016 1:19:07 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : G0 1

Number of peaks found: 41 Corr. Area 1: 5,618.9
 Noise: 1.3

Peak table for sample 7 : G0 1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	307	2,156.30	10,642.4		70.07
3	333	795.63	3,623.1		72.15
4	351	608.89	2,626.9		73.64
5	356	401.62	1,707.0		74.06
6	372	375.69	1,528.9		75.34
7	385	553.08	2,177.5		76.35
8	414	287.56	1,052.3		78.37
9	426	1,679.24	5,969.8		79.06
10	892	8.44	14.3		93.64
11	1,168	7.33	9.5		96.14
12	1,352	7.22	8.1		97.31
13	1,461	8.56	8.9		98.00
14	1,762	7.00	6.0		99.91
15	2,210	6.41	4.4		102.10
16	2,428	6.73	4.2		102.79
17	2,880	5.38	2.8		104.22
18	3,373	5.51	2.5		105.07
19	3,881	4.92	1.9		105.71
20	5,151	5.11	1.5		107.31
21	6,801	5.92	1.3		109.38
22	7,817	6.80	1.3		110.45
23	10,380	75.00	10.9	Upper Marker	113.00
24	13,050	0.00	0.0		115.66
25	13,530	0.00	0.0		116.14

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-07-12\2016-07-12_002.xad

Created: 7/12/2016 12:37:46 PM
 Modified: 7/12/2016 1:19:07 PM

Electropherogram Summary Continued ...

... Peak table for sample 7 : G0 1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	15,559	0.00	0.0		118.16
27	16,734	0.00	0.0		119.33
28	18,389	0.00	0.0		120.98
29	19,564	0.00	0.0		122.15
30	22,020	0.00	0.0		124.60
31	23,301	0.00	0.0		125.87
32	26,184	0.00	0.0		128.74
33	26,772	0.00	0.0		129.33
34	27,840	0.00	0.0		130.39
35	28,747	0.00	0.0		131.30
36	29,655	0.00	0.0		132.20
37	30,349	0.00	0.0		132.89
38	32,218	0.00	0.0		134.76
39	34,087	0.00	0.0		136.62
40	36,169	0.00	0.0		138.69
41	37,290	0.00	0.0		139.81
42	38,625	0.00	0.0		141.14
43	40,814	0.00	0.0		143.32

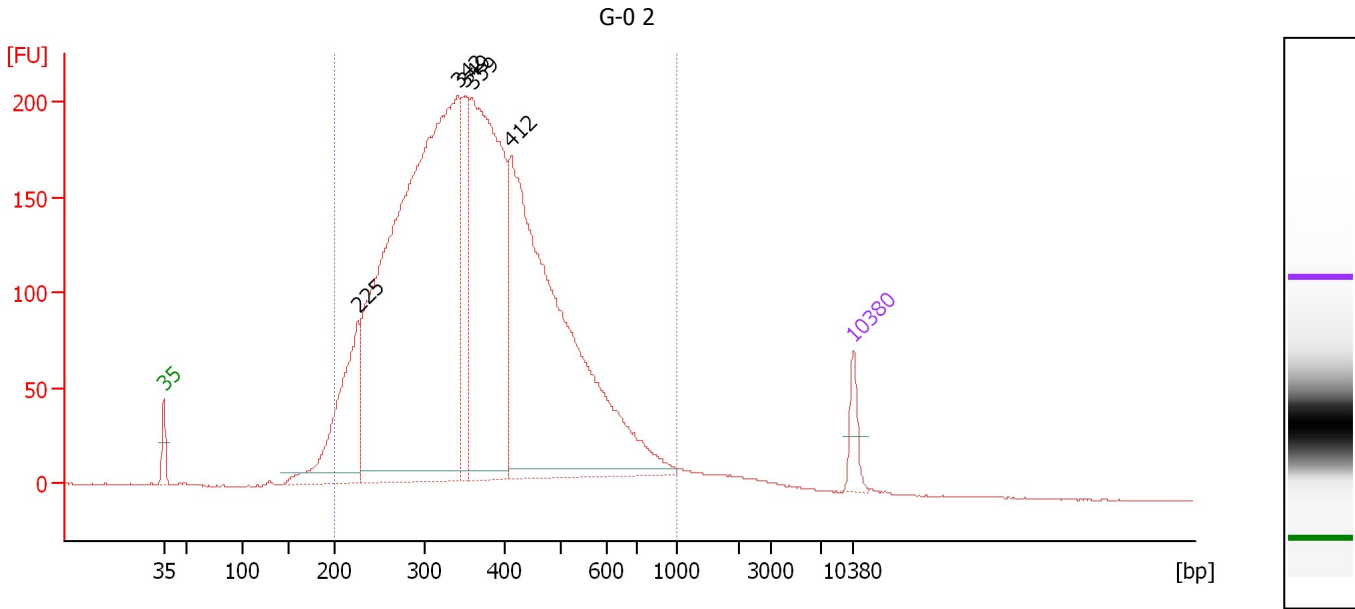
Region table for sample 7 : G0 1

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	379	5,618.9	31,097.3	7,018.27	94	29.1

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-07-12\2016-07-12_002.xad

Created: 7/12/2016 12:37:46 PM
 Modified: 7/12/2016 1:19:07 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : G-0 2

Number of peaks found: 5 Corr. Area 1: 5,189.1
 Noise: 0.2

Peak table for sample 8 : G-0 2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	225	716.35	4,813.4		62.69
3	342	3,924.55	17,409.6		72.86
4	349	403.09	1,750.3		73.46
5	359	1,750.08	7,386.2		74.27
6	412	2,415.83	8,878.9		78.27
7	10,380	75.00	10.9	Upper Marker	113.00

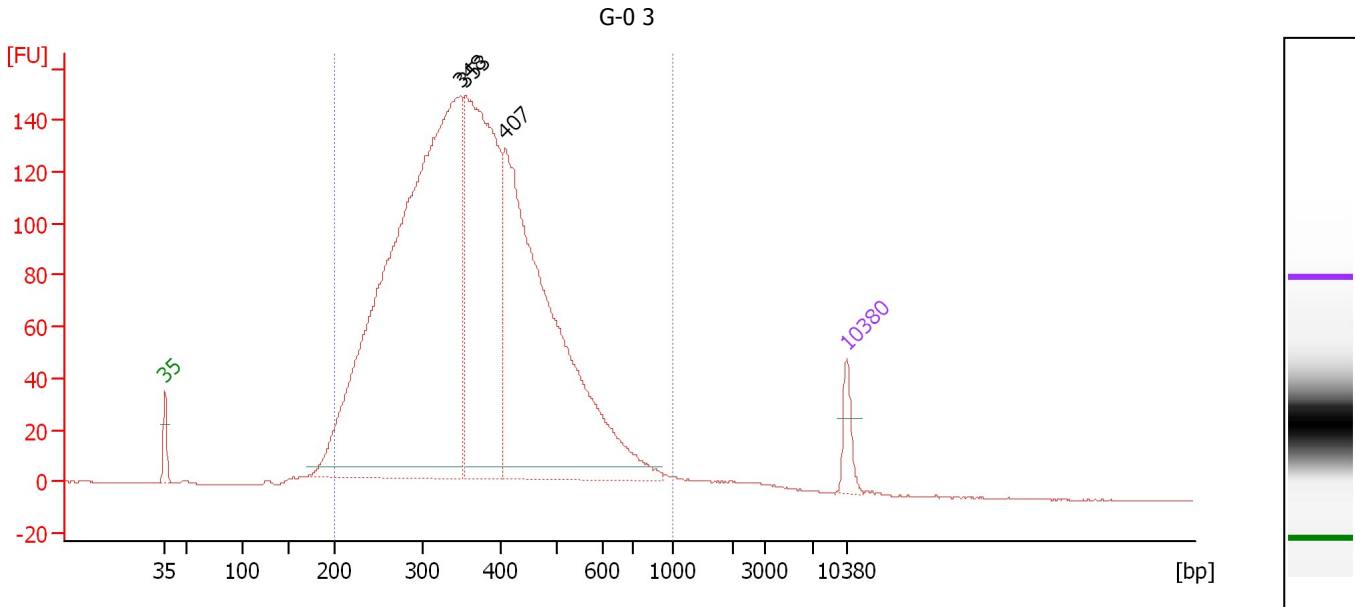
Region table for sample 8 : G-0 2

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	379	5,189.1	43,755.2	9,739.38	96	31.7

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-07-12\2016-07-12_002.xad

Created: 7/12/2016 12:37:46 PM
 Modified: 7/12/2016 1:19:07 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : G-0 3

Number of peaks found: 3 Corr. Area 1: 3,546.8
 Noise: 0.2

Peak table for sample 9 : G-0 3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	348	4,193.77	18,262.7		73.38
3	353	1,849.05	7,928.3		73.81
4	407	2,327.65	8,664.8		77.97
5	10,380	75.00	10.9	Upper Marker	113.00

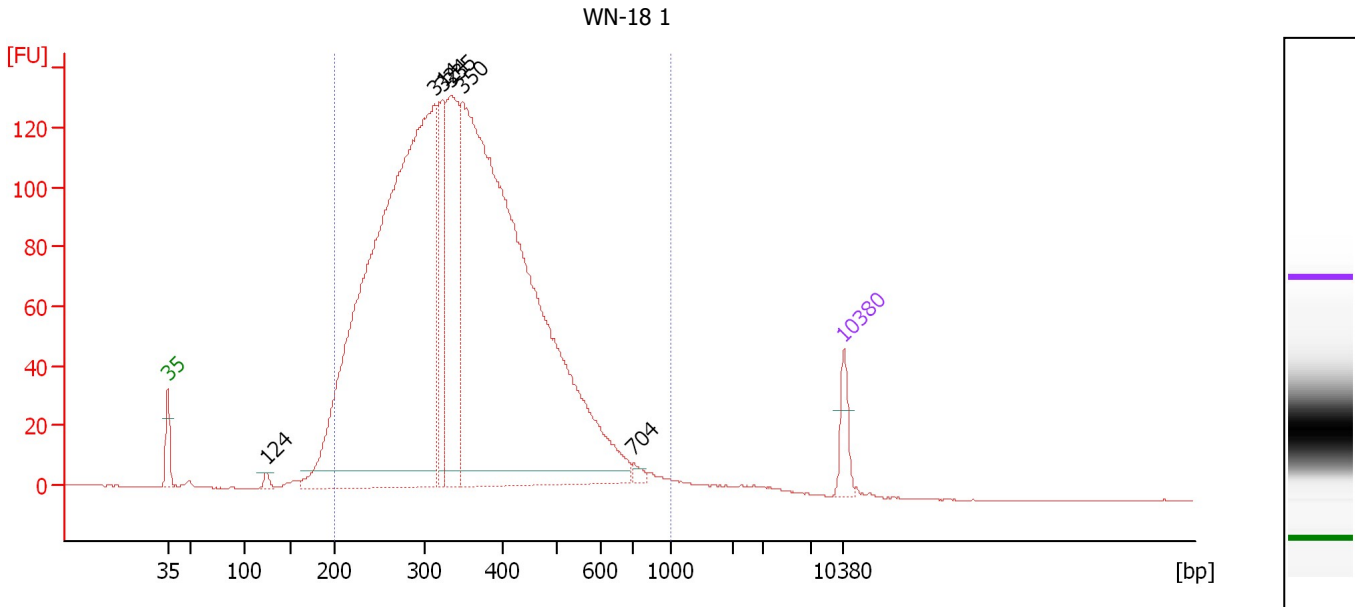
Region table for sample 9 : G-0 3

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	376	3,546.8	40,765.6	9,113.70	97	29.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-07-12\2016-07-12_002.xad

Created: 7/12/2016 12:37:46 PM
 Modified: 7/12/2016 1:19:07 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : WN-18 1

Number of peaks found: 6 Corr. Area 1: 3,192.4
 Noise: 0.1

Peak table for sample 10 : WN-18 1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	124	24.04	294.7		53.16
3	314	3,827.28	18,494.9		70.60
4	324	407.12	1,905.0		71.43
5	335	718.51	3,252.0		72.31
6	350	3,873.58	16,776.8		73.53
7	704	21.10	45.4		91.14
8	10,380	75.00	10.9	Upper Marker	113.00

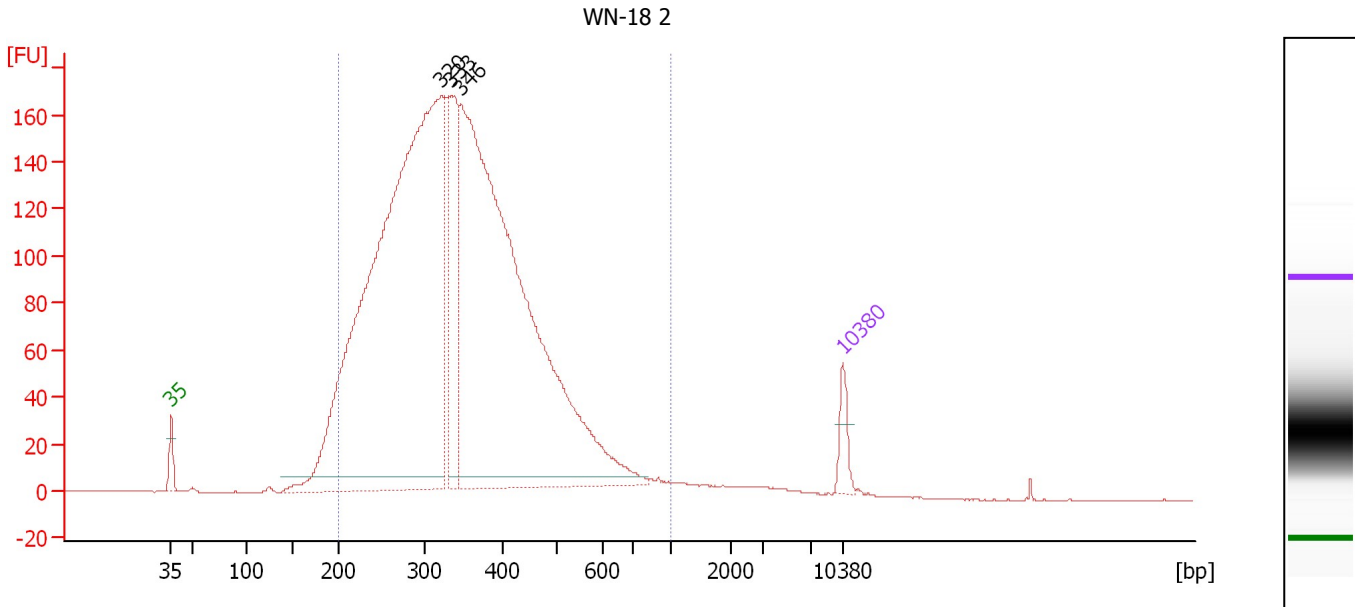
Region table for sample 10 : WN-18 1

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	359	3,192.4	42,014.9	8,982.18	96	29.9

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-07-12\2016-07-12_002.xad

Created: 7/12/2016 12:37:46 PM
 Modified: 7/12/2016 1:19:07 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : WN-18 2

Number of peaks found: 3 Corr. Area 1: 3,852.9
 Noise: 0.2

Peak table for sample 11 : WN-18 2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	320	4,766.37	22,578.7		71.11
3	333	617.60	2,810.6		72.17
4	346	4,086.99	17,895.4		73.22
5	10,380	75.00	10.9	Upper Marker	113.00

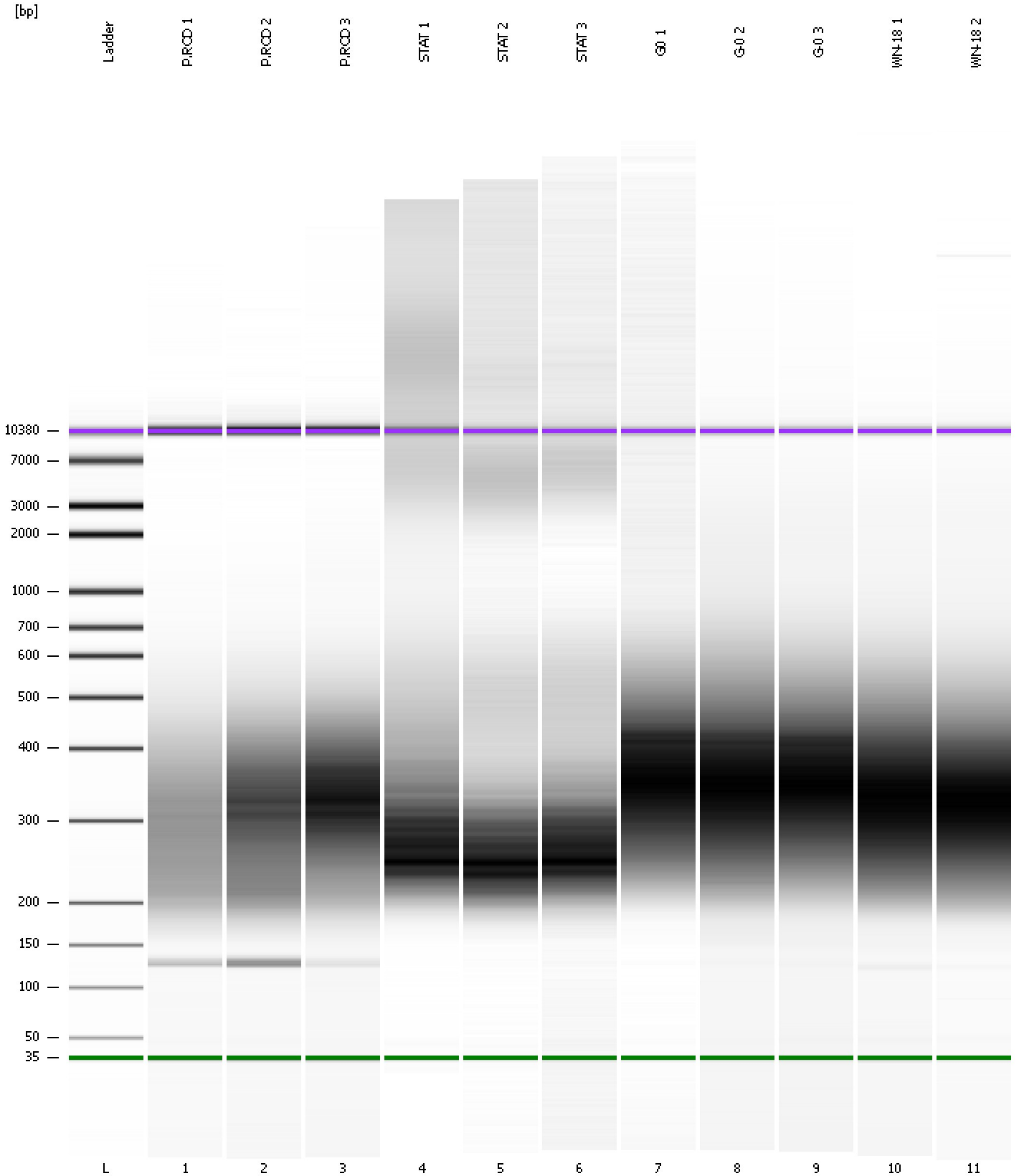
Region table for sample 11 : WN-18 2

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	352	3,852.9	46,722.6	9,853.54	95	29.5

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-07-12\2016-07-12_002.xad

Created: 7/12/2016 12:37:46 PM
Modified: 7/12/2016 1:19:07 PM

Gel Image



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-07-12\2016-07-12_002.xad

Created: 7/12/2016 12:37:46 PM
 Modified: 7/12/2016 1:19:07 PM

Run Logbook

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 12)		Instrument	Run		7/12/2016 1:19:05 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\data\2016-07-12\2016-07-12_002.xad)		Instrument	Run		7/12/2016 12:37:51 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		7/12/2016 12:37:51 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		7/12/2016 12:37:51 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		7/12/2016 12:37:51 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		7/12/2016 12:37:51 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		7/12/2016 12:37:51 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		7/12/2016 12:37:51 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1