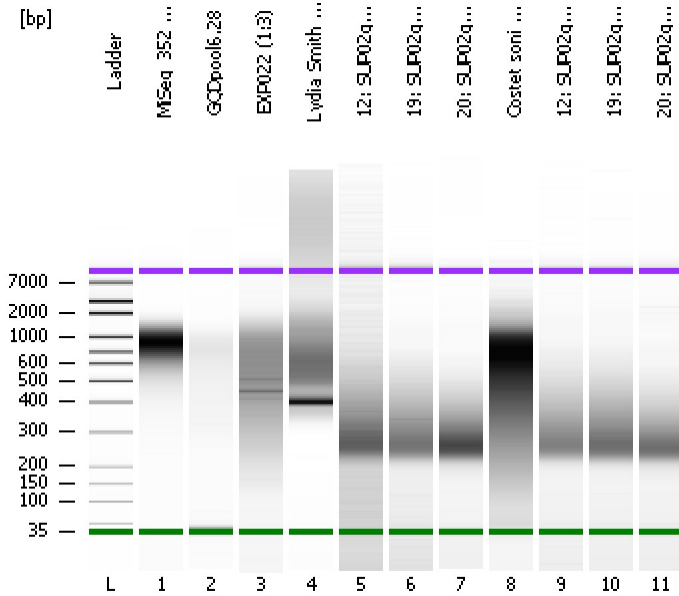


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-07-07\2016-07-07_001.xad

Created: 7/7/2016 11:12:25 AM
Modified: 7/7/2016 12:17:27 PM

Electrophoresis File Run Summary



Instrument Information:

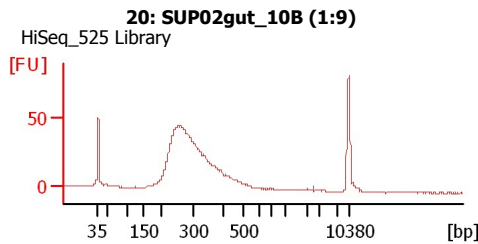
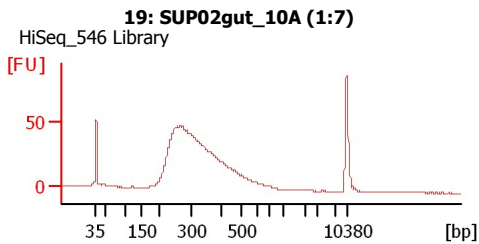
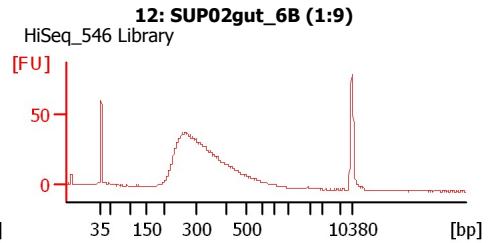
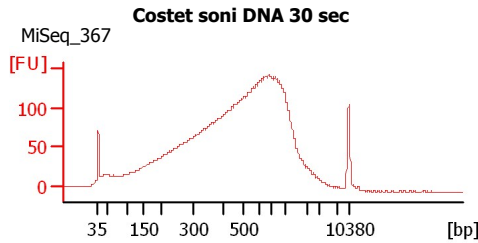
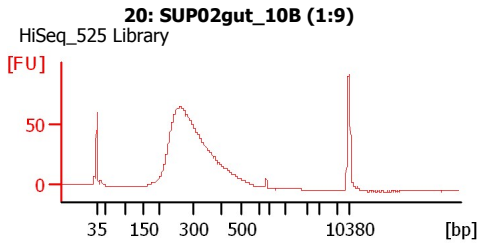
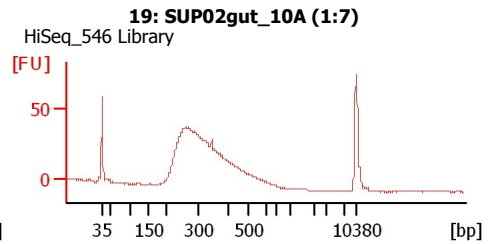
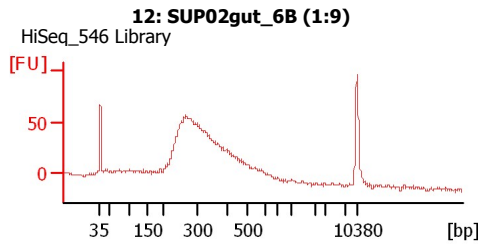
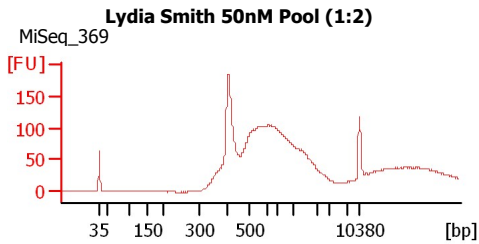
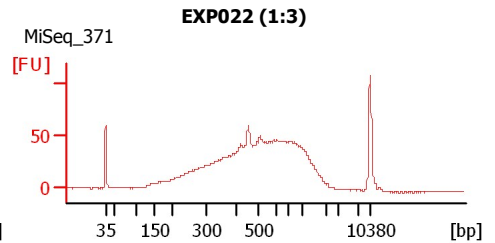
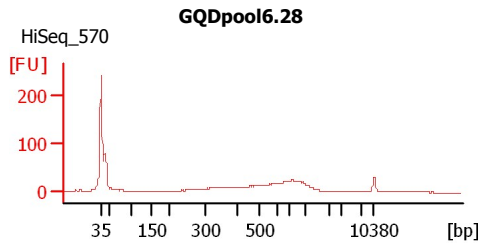
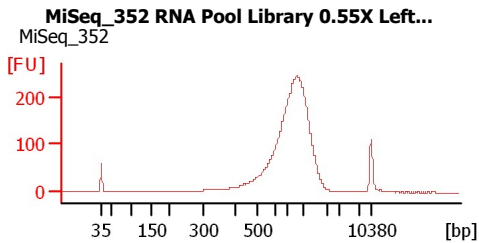
Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

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\2016-07-07\2016-07-07_001.xad

Created: 7/7/2016 11:12:25 AM
 Modified: 7/7/2016 12:17:27 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
MiSeq_352 RNA Pool Library 0.55X Left Size Sel.		<input type="checkbox"/>	✓			
GQDpool6.28	HiSeq_570	<input type="checkbox"/>	✓			
EXP022 (1:3)	MiSeq_371	<input type="checkbox"/>	✓			
Lydia Smith 50nM Pool (1:2)	MiSeq_369	<input type="checkbox"/>	✓			
12: SUP02gut_6B (1:9)	HiSeq_546 Library	<input type="checkbox"/>	✓			
19: SUP02gut_10A (1:7)	HiSeq_546 Library	<input type="checkbox"/>	✓			
20: SUP02gut_10B (1:9)	HiSeq_525 Library	<input type="checkbox"/>	✓			
Costet soni DNA 30 sec	MiSeq_367	<input type="checkbox"/>	✓			
12: SUP02gut_6B (1:9)	HiSeq_546 Library	<input type="checkbox"/>	✓			
19: SUP02gut_10A (1:7)	HiSeq_546 Library	<input type="checkbox"/>	✓			
20: SUP02gut_10B (1:9)	HiSeq_525 Library	<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\2016-07-07\2016-07-07_001.xad

Created: 7/7/2016 11:12:25 AM
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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

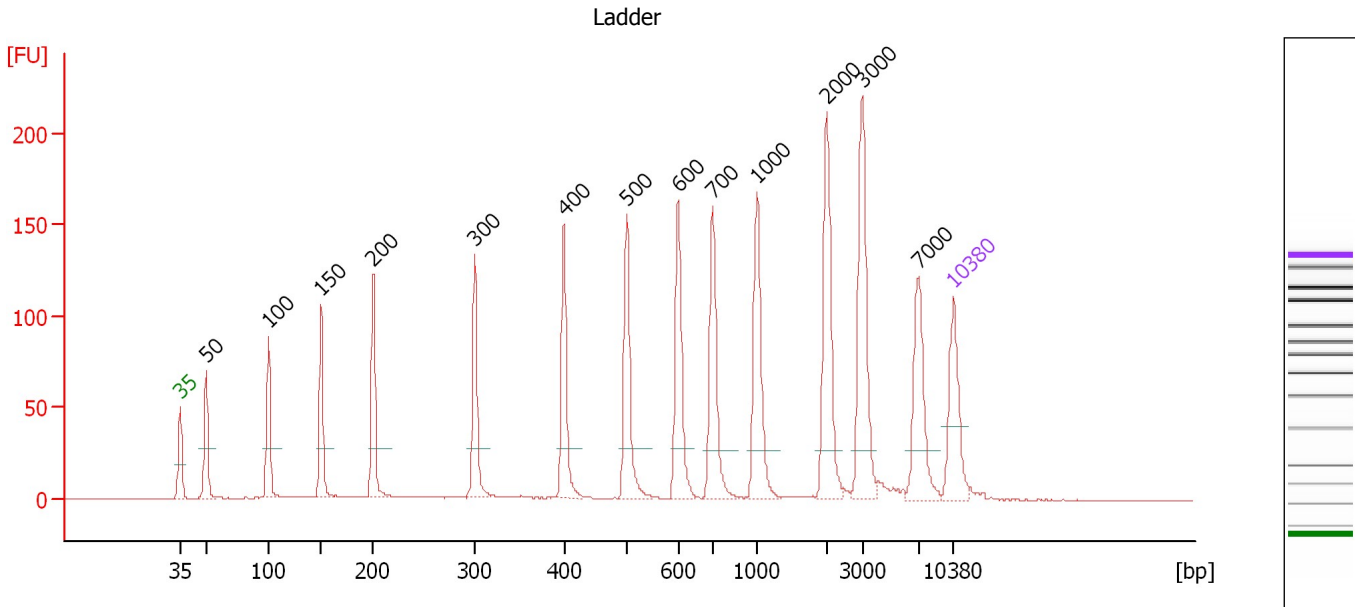
Ladder

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\2016-07-07\2016-07-07_001.xad

Created: 7/7/2016 11:12:25 AM
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Electropherogram Summary



Overall Results for Ladder

Noise: 0.1

Peak table for Ladder

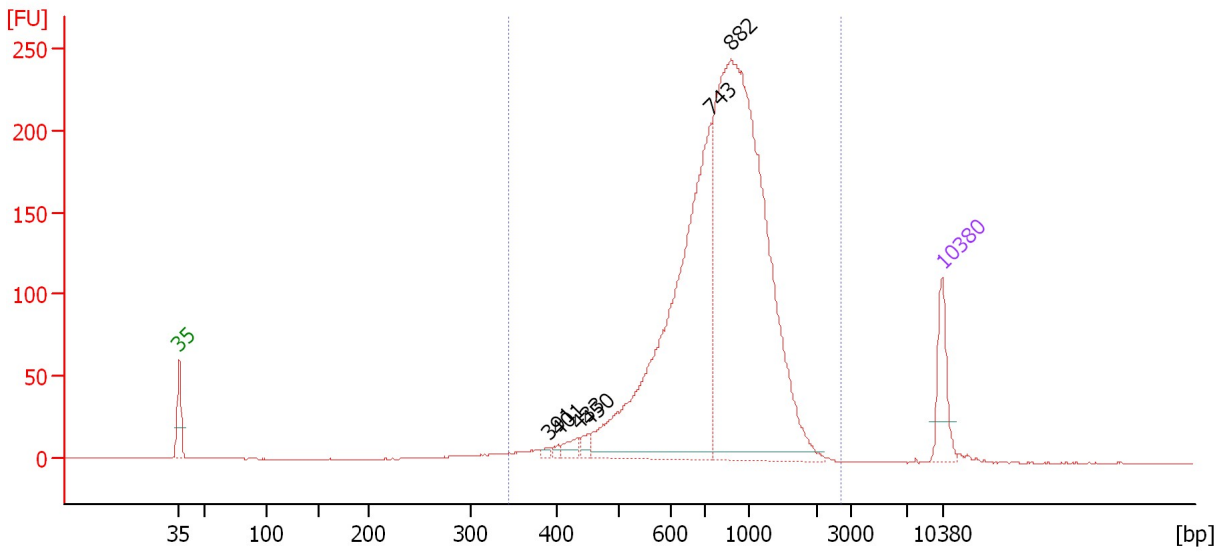
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	50	150.00	4,545.5	Ladder Peak	45.36
3	100	150.00	2,272.7	Ladder Peak	51.01
4	150	150.00	1,515.2	Ladder Peak	55.78
5	200	150.00	1,136.4	Ladder Peak	60.46
6	300	150.00	757.6	Ladder Peak	69.68
7	400	150.00	568.2	Ladder Peak	77.73
8	500	150.00	454.5	Ladder Peak	83.43
9	600	150.00	378.8	Ladder Peak	88.06
10	700	150.00	324.7	Ladder Peak	91.19
11	1,000	150.00	227.3	Ladder Peak	95.20
12	2,000	150.00	113.6	Ladder Peak	101.52
13	3,000	150.00	75.8	Ladder Peak	104.70
14	7,000	150.00	32.5	Ladder Peak	109.82
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-07-07\2016-07-07_001.xad

Created: 7/7/2016 11:12:25 AM
Modified: 7/7/2016 12:17:27 PM

Electropherogram Summary Continued ...

MiSeq_352 RNA Pool Library 0.55X Left Size Sel. [MiSeq_352]



Overall Results for sample 1 : MiSeq_352 RNA Pool Library 0.55X Left Size Sel.

Number of peaks found: 6 Corr. Area 1: 2,538.6
Noise: 0.2

Peak table for sample 1 : MiSeq_352 RNA Pool Library 0.55X Left Size Sel.

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	391	7.32	28.4		77.00
3	401	7.22	27.3		77.78
4	433	24.19	84.7		79.59
5	450	17.38	58.5		80.57
6	743	966.28	1,970.1		91.77
7	882	1,340.61	2,301.9		93.63
8	10,380	75.00	10.9	Upper Marker	113.00

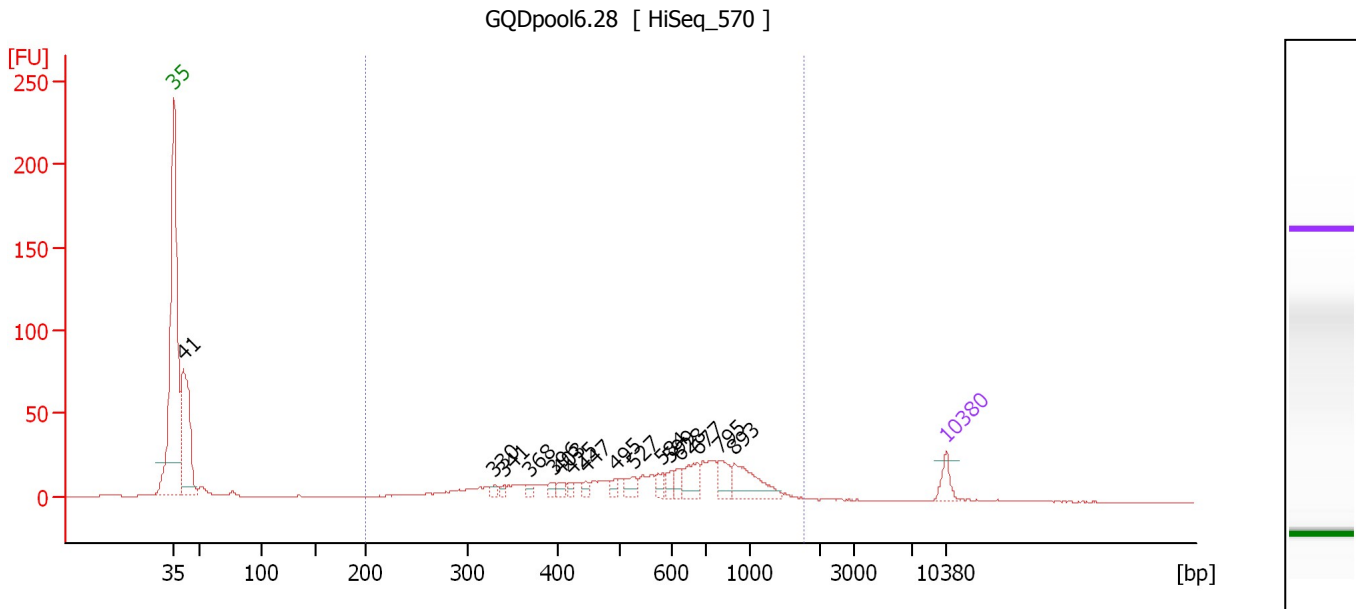
Region table for sample 1 : MiSeq_352 RNA Pool Library 0.55X Left Size Sel.

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
345	2,690	870	2,538.6	4,801.4	2,407.39	98	34.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-07-07\2016-07-07_001.xad

Created: 7/7/2016 11:12:25 AM
 Modified: 7/7/2016 12:17:27 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : GQDpool6.28

Number of peaks found: 16 Corr. Area 1: 492.6
 Noise: 0.1

Peak table for sample 2 : GQDpool6.28

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	41	1,173.54	43,884.1		43.87
3	330	36.22	166.4		72.08
4	341	26.91	119.7		72.95
5	368	32.10	132.1		75.17
6	396	42.65	163.3		77.40
7	403	47.11	177.0		77.93
8	425	32.29	115.2		79.14
9	447	44.29	150.2		80.39
10	495	44.58	136.5		83.14
11	527	81.55	234.3		84.69
12	584	62.94	163.4		87.30
13	599	55.87	141.3		88.02
14	628	57.22	138.0		88.94
15	677	154.96	346.6		90.49
16	795	127.09	242.1		92.47
17	893	259.70	440.5		93.77
18	10,380	75.00	10.9	Upper Marker	113.00

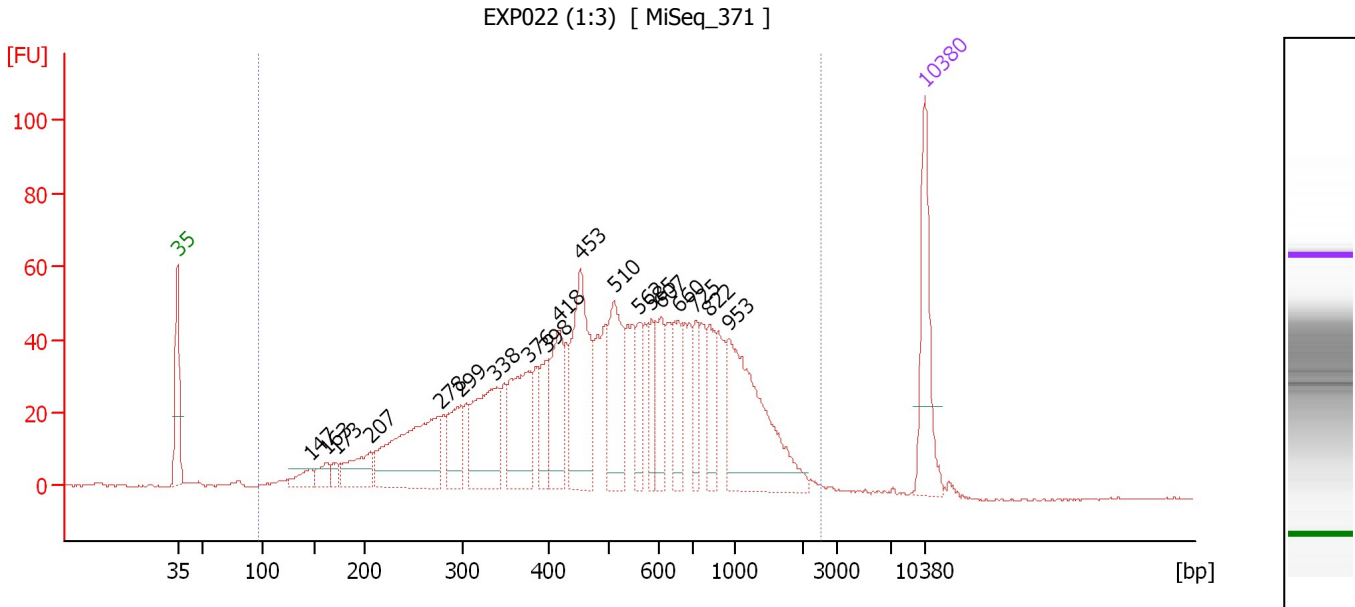
Region table for sample 2 : GQDpool6.28

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
200	1,782	627	492.6	6,965.3	2,232.23	67	43.9

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-07-07\2016-07-07_001.xad

Created: 7/7/2016 11:12:25 AM
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Electropherogram Summary Continued ...



Overall Results for sample 3 : EXP022 (1:3)

Number of peaks found: 19 Corr. Area 1: 1,702.2
 Noise: 0.2

Peak table for sample 3 : EXP022 (1:3)

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	147	22.88	236.1		55.48
3	163	22.53	209.7		56.98
4	173	13.18	115.5		57.93
5	207	55.23	403.9		61.12
6	278	184.90	1,009.2		67.61
7	299	59.34	301.0		69.56
8	338	124.63	559.4		72.71
9	376	109.11	439.6		75.80
10	398	45.56	173.3		77.60
11	418	80.67	292.5		78.75
12	453	151.14	505.6		80.75
13	510	104.80	311.3		83.89
14	562	39.27	105.9		86.29
15	585	35.78	92.6		87.39
16	607	48.82	121.8		88.29
17	660	45.92	105.4		89.93
18	725	34.68	72.5		91.53
19	822	41.52	76.5		92.83
20	953	171.09	271.9		94.58
21	10,380	75.00	10.9	Upper Marker	113.00

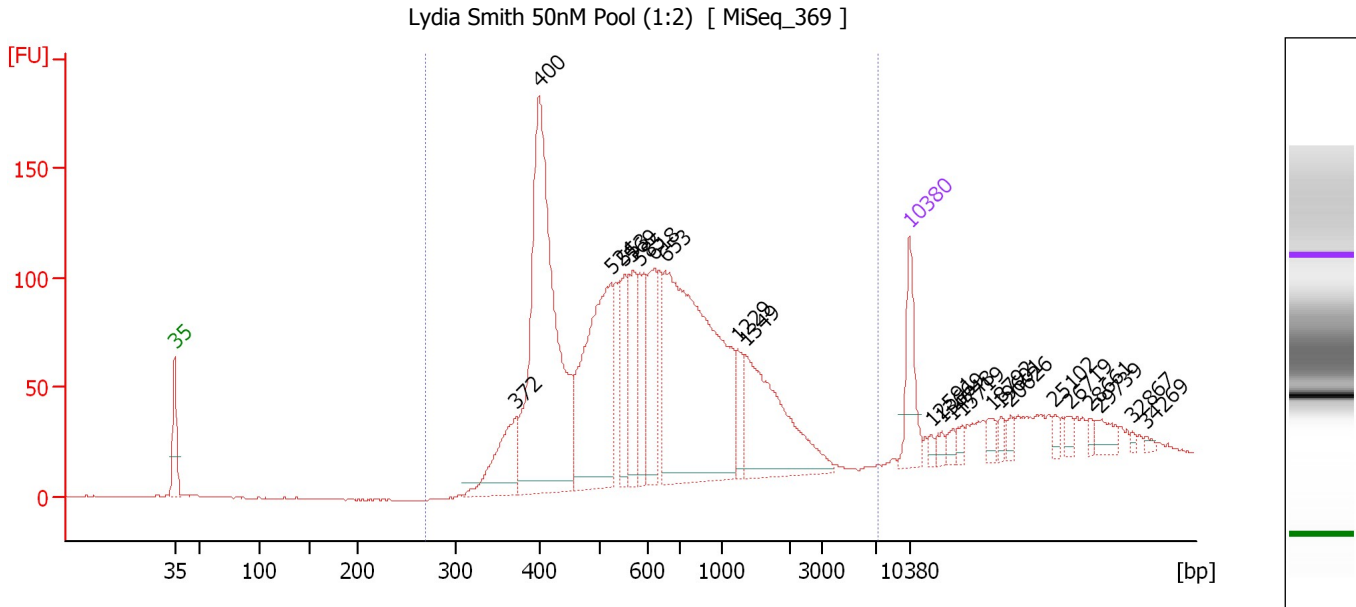
Region table for sample 3 : EXP022 (1:3)

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
96	2,547	592	1,702.2	7,447.6	1,934.56	98	59.1

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-07-07\2016-07-07_001.xad

Created: 7/7/2016 11:12:25 AM
 Modified: 7/7/2016 12:17:27 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : Lydia Smith 50nM Pool (1:2)

Number of peaks found: 23 Corr. Area 1: 2,242.8
 Noise: 0.3

Peak table for sample 4 : Lydia Smith 50nM Pool (1:2)

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	372	135.82	552.6		75.51
3	400	713.35	2,705.4		77.70
4	524	385.37	1,113.6		84.55
5	553	101.03	276.9		85.87
6	569	113.01	300.8		86.64
7	585	97.48	252.6		87.35
8	618	126.75	310.9		88.62
9	653	662.34	1,535.8		89.73
10	1,229	40.91	50.4		96.64
11	1,349	239.30	268.7		97.40
12	10,380	75.00	10.9	Upper Marker	113.00
13	12,591	0.00	0.0		115.08
14	13,669	0.00	0.0		116.10
15	14,748	0.00	0.0		117.11
16	15,719	0.00	0.0		118.03
17	18,792	0.00	0.0		120.92
18	19,601	0.00	0.0		121.69
19	20,626	0.00	0.0		122.65
20	25,102	0.00	0.0		126.87
21	26,719	0.00	0.0		128.39
22	28,661	0.00	0.0		130.22
23	29,739	0.00	0.0		131.24
24	32,867	0.00	0.0		134.18
25	34,269	0.00	0.0		135.50

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-07-07\2016-07-07_001.xad

Created: 7/7/2016 11:12:25 AM
Modified: 7/7/2016 12:17:27 PM

Electropherogram Summary Continued ...

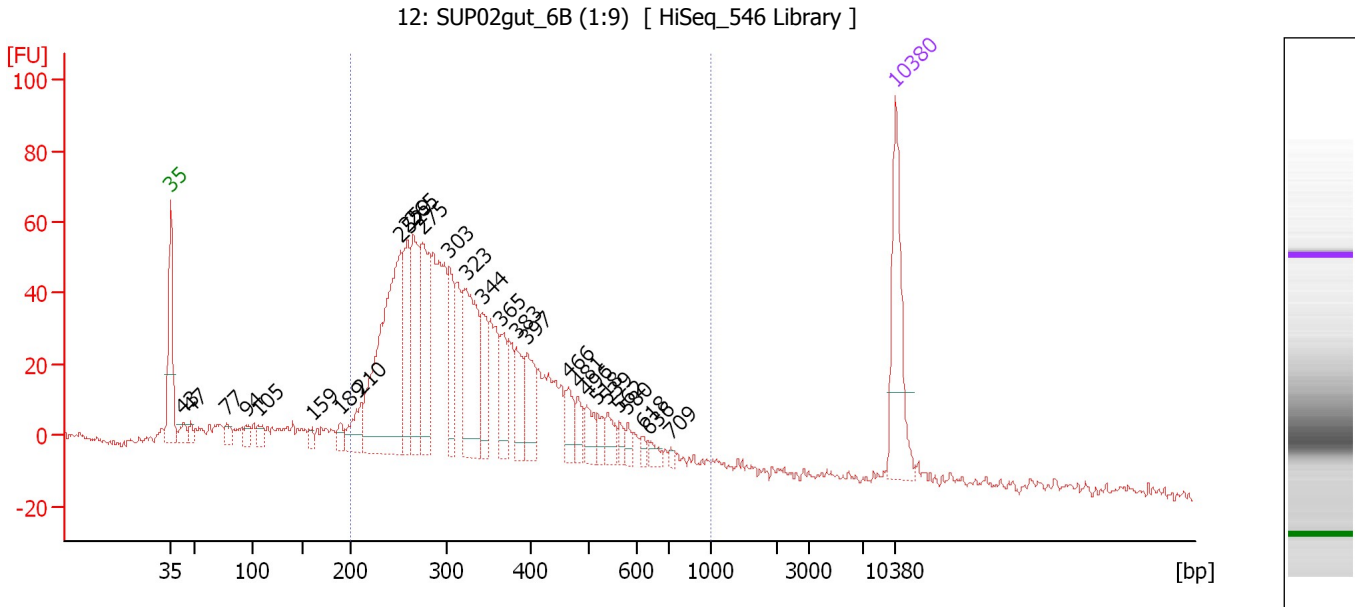
... Region table for sample 4 : Lydia Smith 50nM Pool (1:2)

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
271	7,116	738	2,242.8	6,637.2	2,470.46	89	60.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-07-07\2016-07-07_001.xad

Created: 7/7/2016 11:12:25 AM
 Modified: 7/7/2016 12:17:27 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : 12: SUP02gut_6B (1:9)

Number of peaks found: 28 Corr. Area 1: 1,288.3
 Noise: 1.1

Peak table for sample 5 : 12: SUP02gut_6B (1:9)

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	43	16.21	573.2		44.24
3	47	11.24	359.3		44.96
4	77	14.70	289.3		48.41
5	94	12.48	201.4		50.31
6	105	13.49	194.3		51.50
7	159	9.20	87.5		56.65
8	189	12.96	103.9		59.43
9	210	34.88	251.6		61.39
10	252	269.88	1,622.9		65.25
11	259	78.81	461.6		65.87
12	265	101.95	583.3		66.44
13	275	97.04	534.9		67.36
14	303	62.00	309.8		69.94
15	323	125.14	586.9		71.54
16	344	47.13	207.9		73.18
17	365	41.41	171.8		74.94
18	383	36.83	145.7		76.38
19	397	47.37	181.0		77.46
20	466	25.58	83.2		81.48
21	481	16.70	52.6		82.35
22	496	20.69	63.3		83.18
23	518	12.48	36.5		84.26
24	539	18.20	51.2		85.24
25	562	8.62	23.2		86.32

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-07-07\2016-07-07_001.xad

Created: 7/7/2016 11:12:25 AM
 Modified: 7/7/2016 12:17:27 PM

Electropherogram Summary Continued ...

... Peak table for sample 5 : 12: SUP02gut_6B (1:9)

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	580	8.31	21.7		87.14
27	618	6.18	15.1		88.64
28	636	8.39	20.0		89.20
29	709	3.56	7.6		91.31
30	10,380	75.00	10.9	Upper Marker	113.00

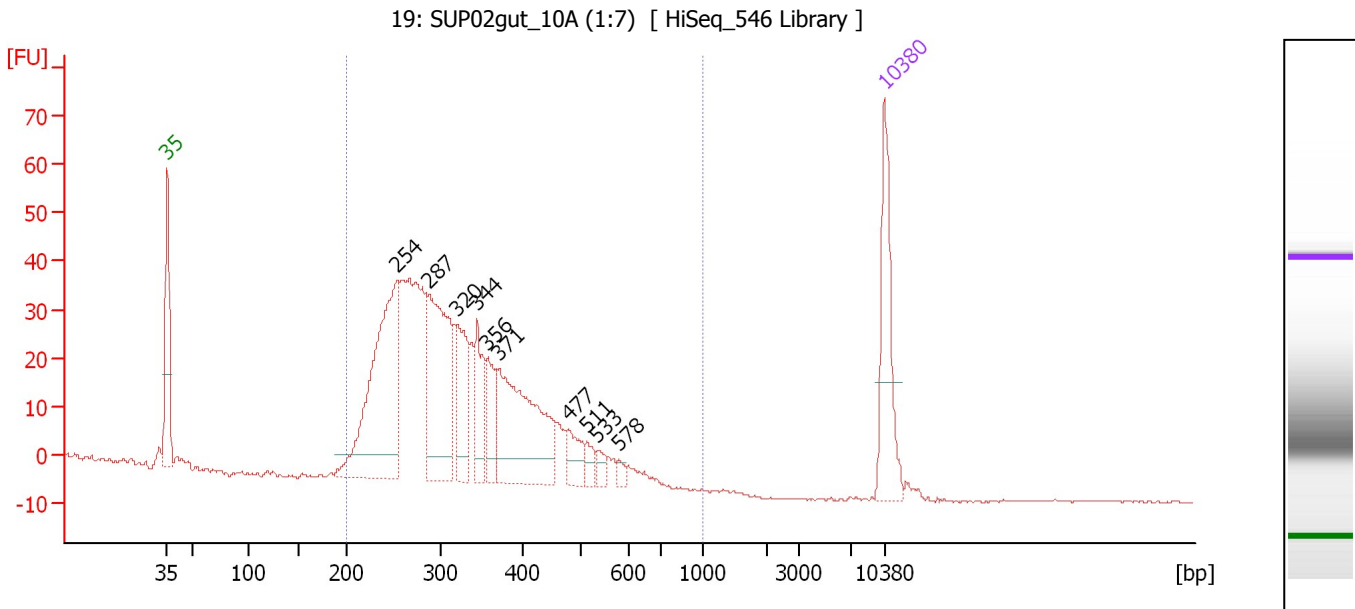
Region table for sample 5 : 12: SUP02gut_6B (1:9)

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	347	1,288.3	7,257.5	1,489.38	86	32.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-07-07\2016-07-07_001.xad

Created: 7/7/2016 11:12:25 AM
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Electropherogram Summary Continued ...



Overall Results for sample 6 : 19: SUP02gut_10A (1:7)

Number of peaks found: 10 Corr. Area 1: 756.2
 Noise: 0.2

Peak table for sample 6 : 19: SUP02gut_10A (1:7)

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	254	283.05	1,689.0		65.43
3	287	195.56	1,033.6		68.45
4	320	82.09	388.3		71.31
5	344	61.74	271.8		73.24
6	356	45.37	192.8		74.23
7	371	187.62	765.6		75.42
8	477	29.53	93.7		82.14
9	511	12.66	37.5		83.96
10	533	10.77	30.6		84.95
11	578	6.70	17.6		87.03
12	10,380	75.00	10.9	Upper Marker	113.00

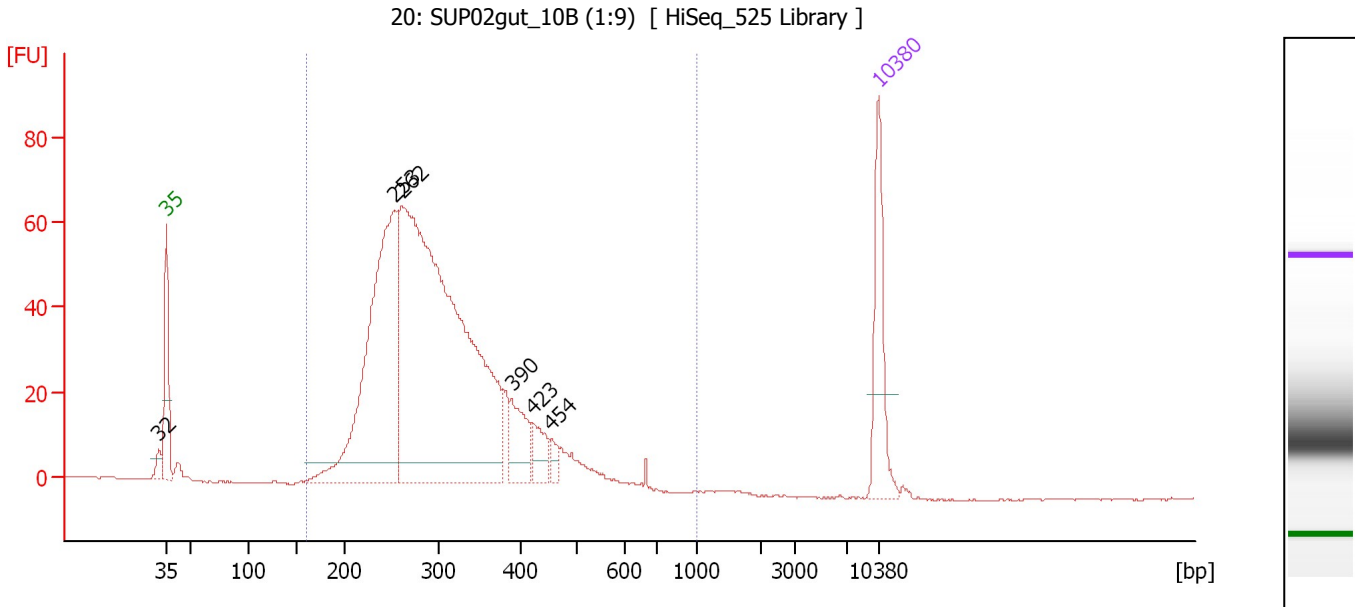
Region table for sample 6 : 19: SUP02gut_10A (1:7)

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	326	756.2	5,611.3	1,121.46	100	25.1

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-07-07\2016-07-07_001.xad

Created: 7/7/2016 11:12:25 AM
 Modified: 7/7/2016 12:17:27 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : 20: SUP02gut_10B (1:9)

Number of peaks found: 6 Corr. Area 1: 1,119.3
 Noise: 0.2

Peak table for sample 7 : 20: SUP02gut_10B (1:9)

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	32	0.00	0.0		42.27
2	35	125.00	5,411.3	Lower Marker	43.00
3	253	494.20	2,956.4		65.37
4	262	1,004.96	5,816.0		66.16
5	390	58.54	227.2		76.95
6	423	30.91	110.7		79.05
7	454	13.04	43.5		80.83
8	10,380	75.00	10.9	Upper Marker	113.00

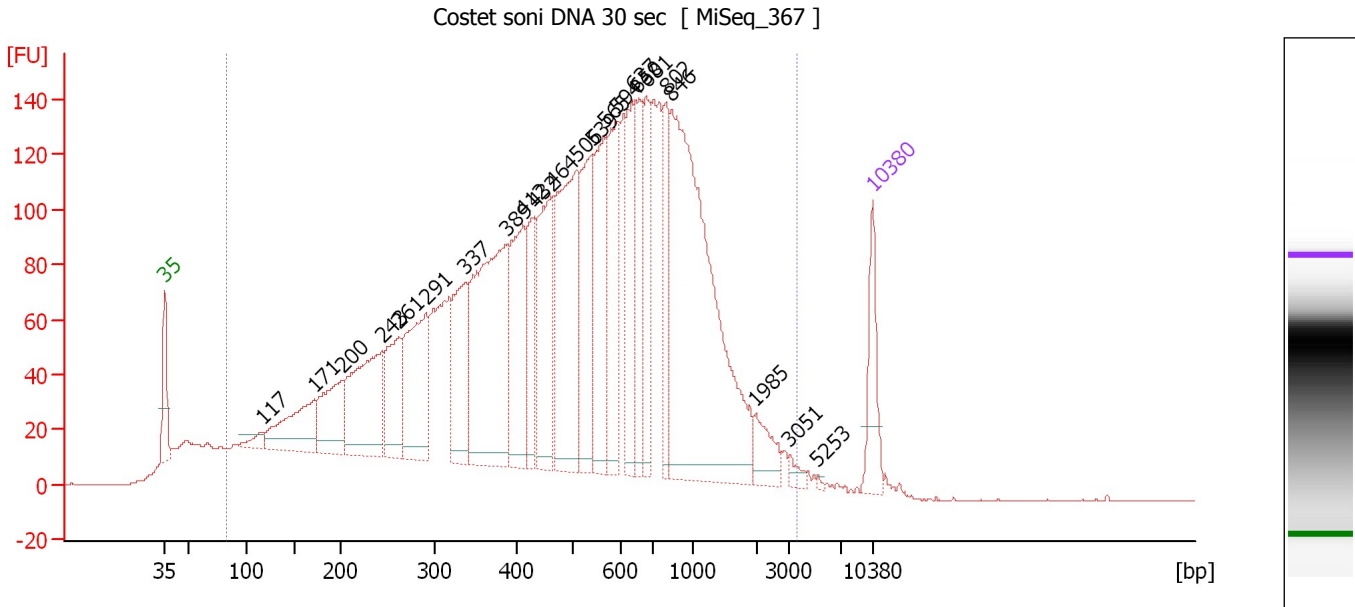
Region table for sample 7 : 20: SUP02gut_10B (1:9)

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
160	1,000	307	1,119.3	8,488.9	1,612.33	99	24.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-07-07\2016-07-07_001.xad

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 Modified: 7/7/2016 12:17:27 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : Costet soni DNA 30 sec

Number of peaks found: 23 Corr. Area 1: 4,975.5
 Noise: 0.2

Peak table for sample 8 : Costet soni DNA 30 sec

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	117	27.63	358.4		52.61
3	171	178.66	1,586.8		57.71
4	200	165.35	1,252.0		60.47
5	243	289.83	1,804.7		64.46
6	261	165.28	958.7		66.10
7	291	258.97	1,350.2		68.81
8	337	196.60	883.0		72.69
9	389	473.12	1,843.8		76.83
10	412	225.48	829.0		78.42
11	432	133.02	466.8		79.54
12	464	253.16	826.0		81.40
13	506	372.48	1,116.4		83.68
14	539	207.79	584.3		85.22
15	565	228.85	613.5		86.44
16	594	197.69	504.4		87.77
17	637	172.67	411.0		89.21
18	650	120.57	281.0		89.63
19	681	121.54	270.6		90.59
20	802	113.14	213.8		92.55
21	846	764.94	1,370.8		93.14
22	1,985	49.05	37.4		101.42
23	3,051	12.63	6.3		104.77
24	5,253	2.38	0.7		107.58
25	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-07-07\2016-07-07_001.xad

Created: 7/7/2016 11:12:25 AM
Modified: 7/7/2016 12:17:27 PM

Electropherogram Summary Continued ...

... Region table for sample 8 :

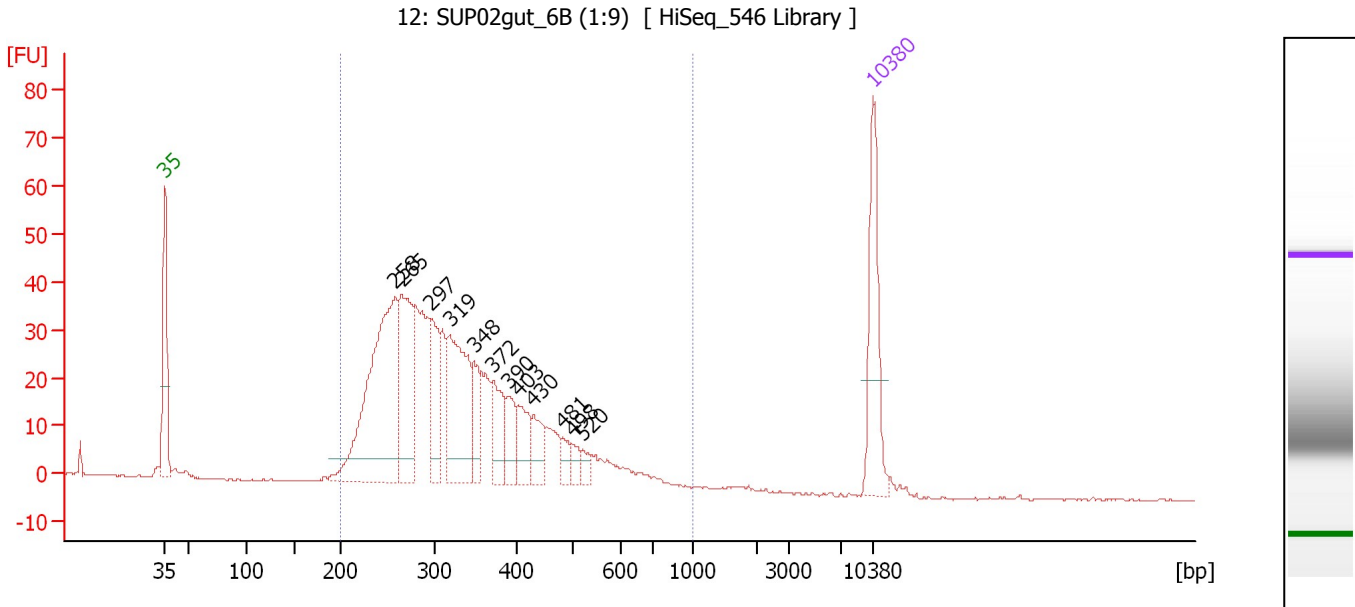
Costet soni DNA 30 sec

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
82	3,682	610	4,975.5	28,578.8	6,395.44	96	71.8

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-07-07\2016-07-07_001.xad

Created: 7/7/2016 11:12:25 AM
 Modified: 7/7/2016 12:17:27 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : 12: SUP02gut_6B (1:9)

Number of peaks found: 12 Corr. Area 1: 772.8
 Noise: 0.1

Peak table for sample 9 : 12: SUP02gut_6B (1:9)

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	258	301.18	1,769.2		65.80
3	265	134.78	771.1		66.44
4	297	65.50	334.6		69.36
5	319	147.09	699.7		71.17
6	348	42.86	186.5		73.56
7	372	48.27	196.6		75.48
8	390	34.81	135.1		76.96
9	403	38.36	144.1		77.92
10	430	31.25	110.0		79.46
11	481	14.45	45.5		82.33
12	498	11.74	35.7		83.29
13	520	9.16	26.7		84.35
14	10,380	75.00	10.9	Upper Marker	113.00

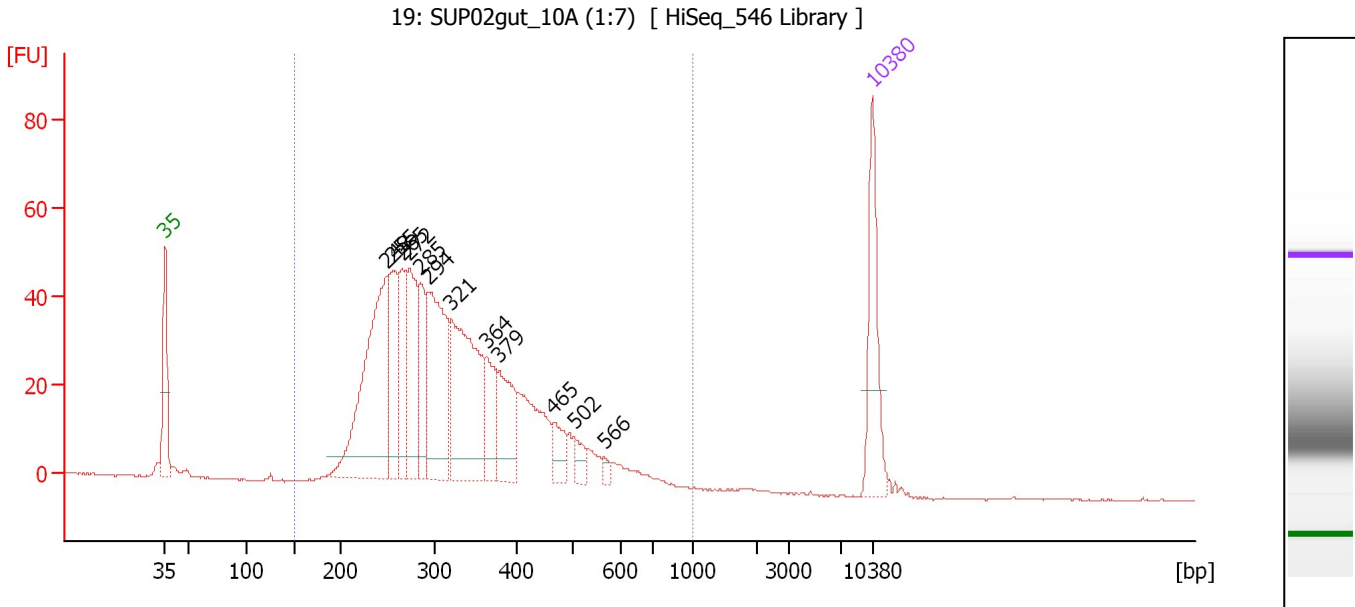
Region table for sample 9 : 12: SUP02gut_6B (1:9)

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	337	772.8	5,782.8	1,172.13	98	29.6

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-07-07\2016-07-07_001.xad

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 Modified: 7/7/2016 12:17:27 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : 19: SUP02gut_10A (1:7)

Number of peaks found: 12 Corr. Area 1: 990.2
 Noise: 0.2

Peak table for sample 10 : 19: SUP02gut_10A (1:7)

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	248	283.47	1,731.5		64.89
3	255	105.05	624.2		65.53
4	265	74.79	427.8		66.44
5	272	120.91	672.5		67.13
6	285	70.78	376.1		68.31
7	294	194.37	1,002.3		69.11
8	321	222.83	1,052.5		71.35
9	364	56.46	235.1		74.82
10	379	78.57	314.0		76.05
11	465	26.54	86.4		81.44
12	502	17.50	52.8		83.53
13	566	6.29	16.8		86.46
14	10,380	75.00	10.9	Upper Marker	113.00

Region table for sample 10 : 19: SUP02gut_10A (1:7)

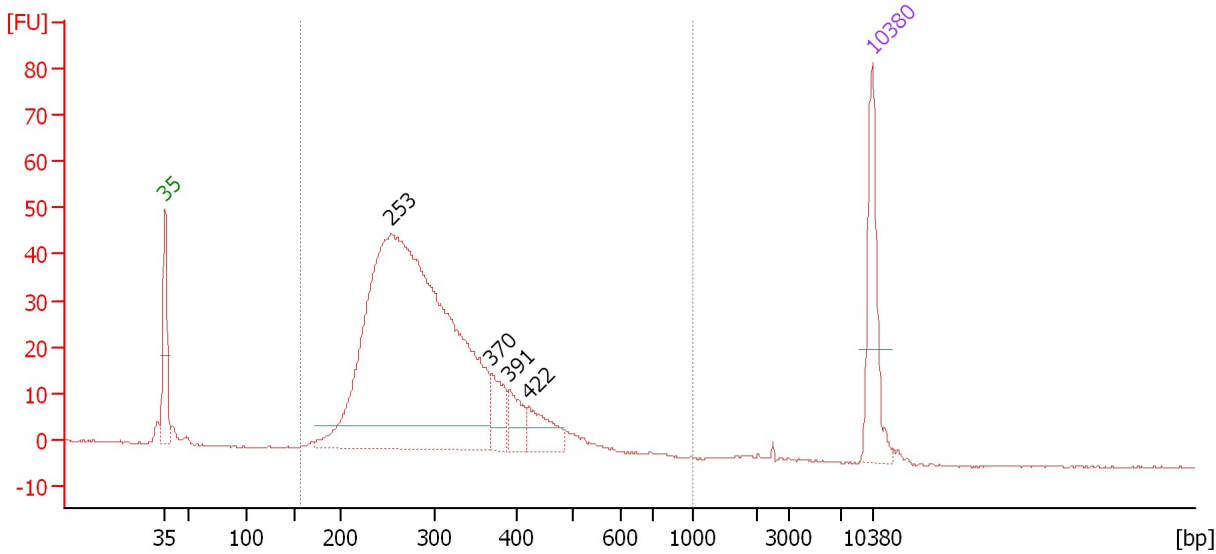
From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
149	1,000	333	990.2	7,290.7	1,458.10	99	29.1

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-07-07\2016-07-07_001.xad

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 Modified: 7/7/2016 12:17:27 PM

Electropherogram Summary Continued ...

20: SUP02gut_10B (1:9) [HiSeq_525 Library]



Overall Results for sample 11 : 20: SUP02gut_10B (1:9)

Number of peaks found: 4 Corr. Area 1: 767.1
 Noise: 0.1

Peak table for sample 11 : 20: SUP02gut_10B (1:9)

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	253	1,056.78	6,333.1		65.33
3	370	41.51	170.0		75.32
4	391	35.06	135.8		77.03
5	422	41.44	148.9		78.97
6	10,380	75.00	10.9	Upper Marker	113.00

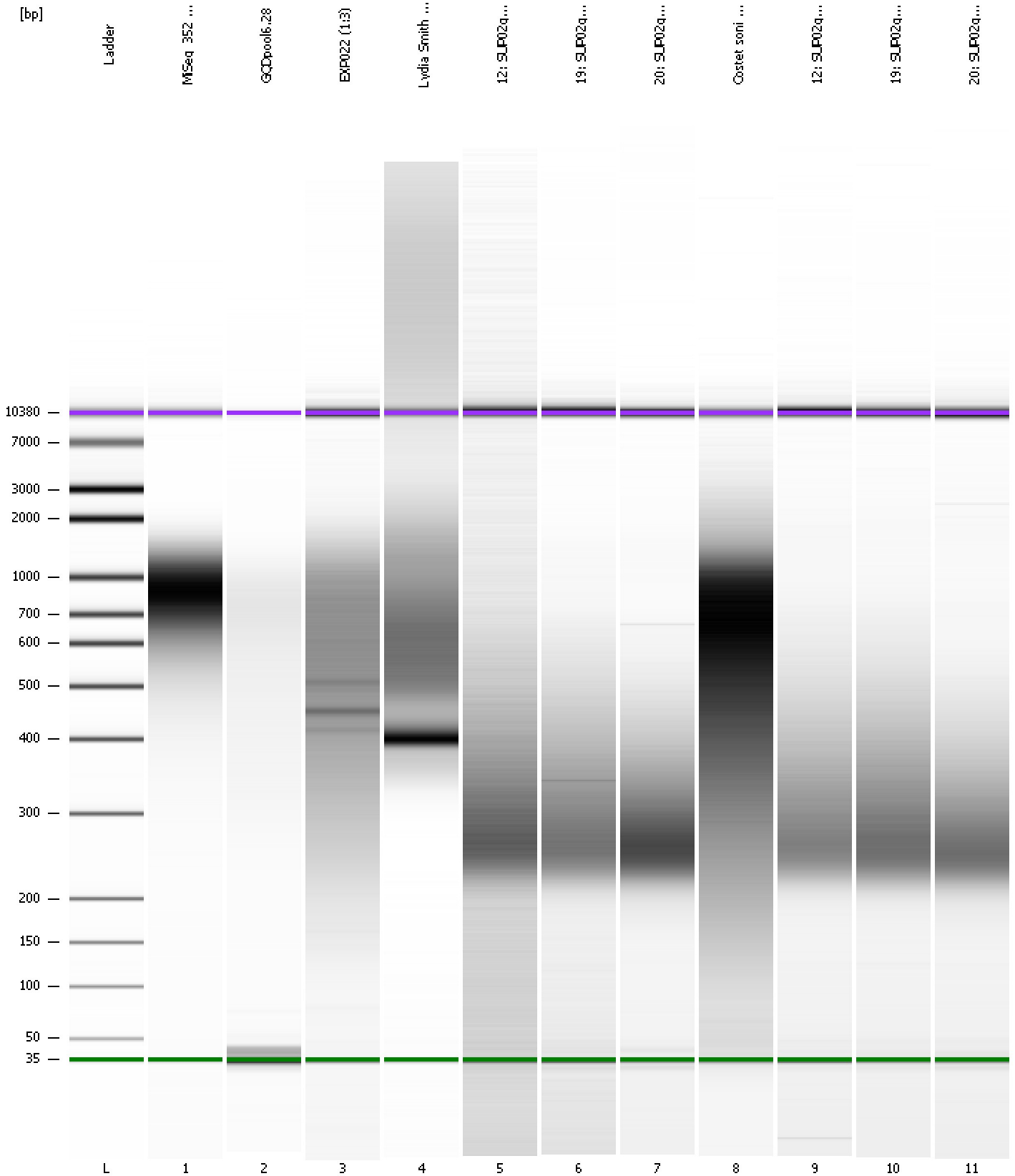
Region table for sample 11 : 20: SUP02gut_10B (1:9)

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
156	1,000	302	767.1	6,073.8	1,136.22	98	23.8

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-07-07\2016-07-07_001.xad

Created: 7/7/2016 11:12:25 AM
Modified: 7/7/2016 12:17:27 PM

Gel Image

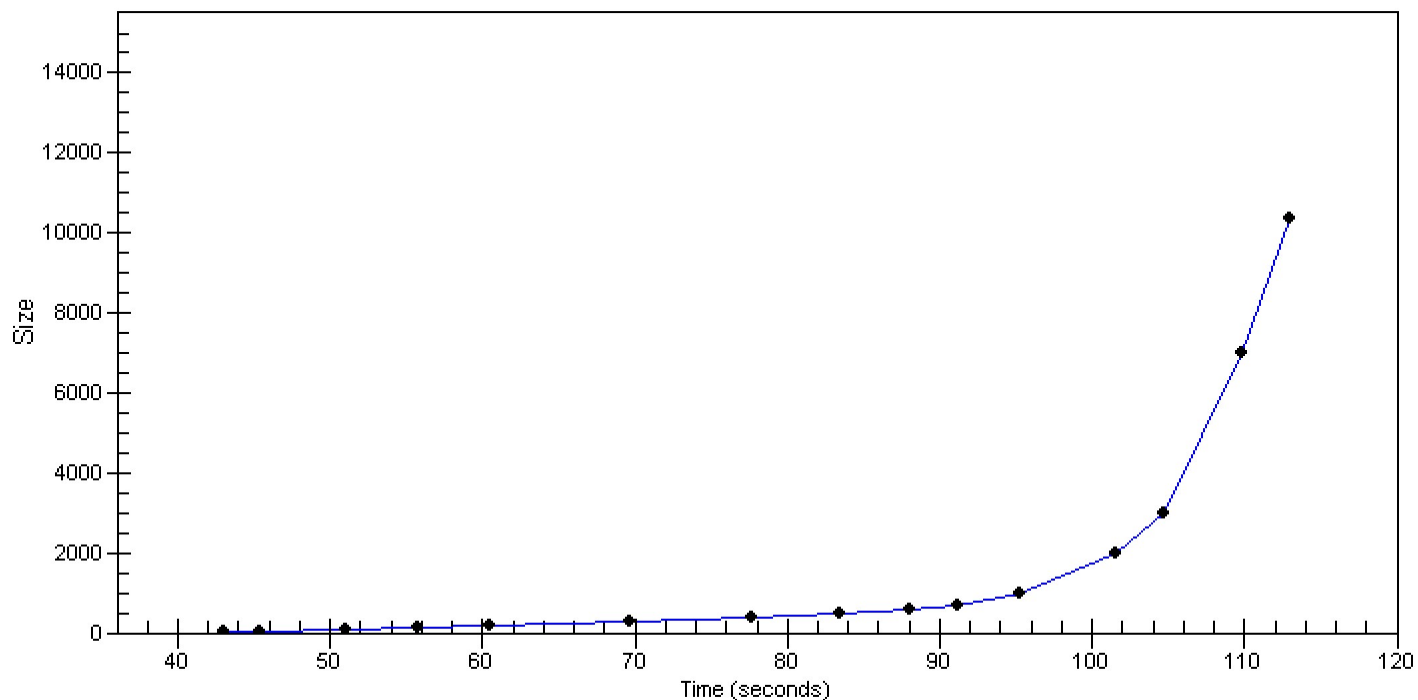


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2016-07-07\2016-07-07_001.xad

Created: 7/7/2016 11:12:25 AM
Modified: 7/7/2016 12:17:27 PM

Curves

Standard Curve



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2016-07-07\2016-07-07_001.xad

Created: 7/7/2016 11:12:25 AM
 Modified: 7/7/2016 12:17:27 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		7/7/2016 11:53:43 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\data\2016-07-07\2016-07-07_001.xad)		Instrument	Run		7/7/2016 11:12:30 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		7/7/2016 11:12:30 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		7/7/2016 11:12:30 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		7/7/2016 11:12:30 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		7/7/2016 11:12:30 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		7/7/2016 11:12:30 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		7/7/2016 11:12:30 AM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1