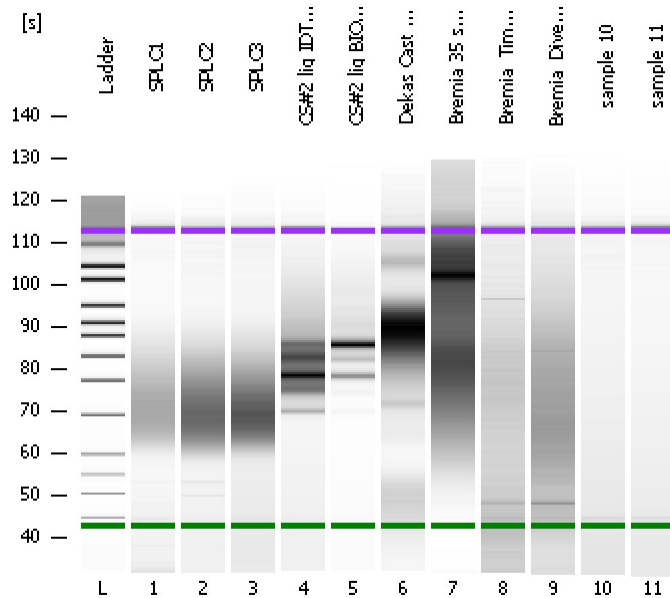


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-28\2015-09-28_003.xad

Created: 9/28/2015 4:31:35 PM
Modified: 9/28/2015 5:19:40 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

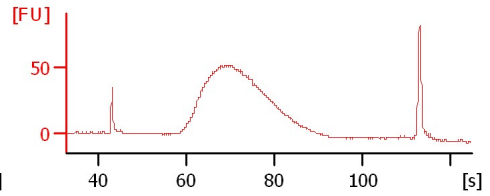
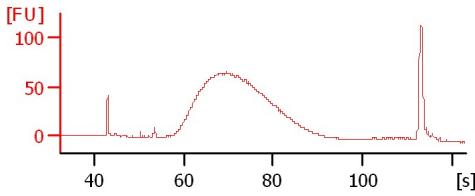
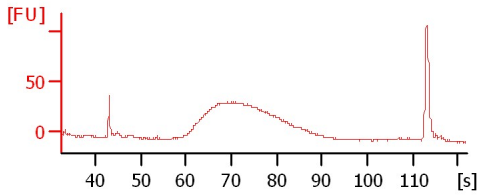
Chip Information:

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

SPLIC1

SPLIC2

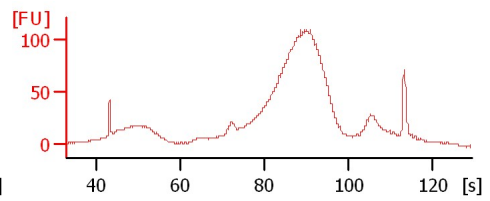
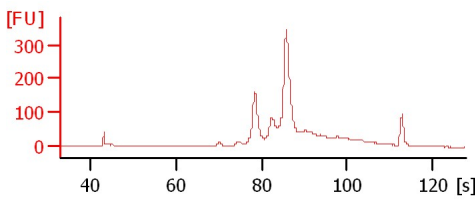
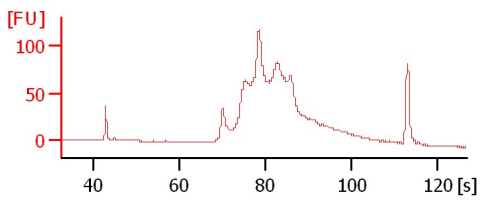
SPLIC3



CS#2 lig IDT_1

CS#2 lig BIOO_5

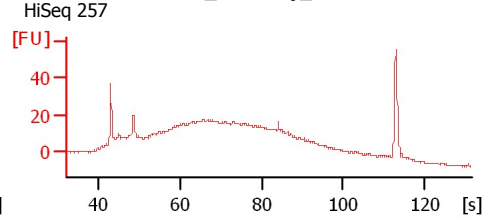
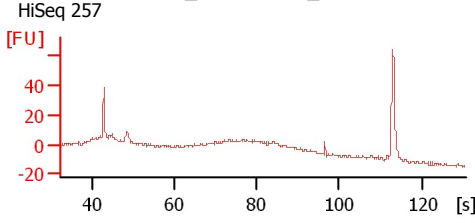
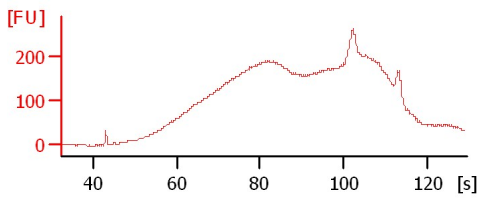
Dekas Cast 1 DNA Lib_0.6x



Bremia 35 sample lin zhang RMW 92525

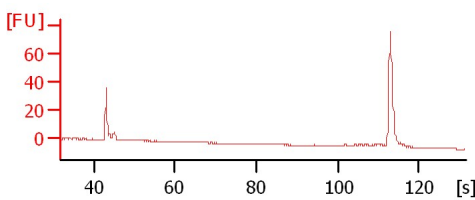
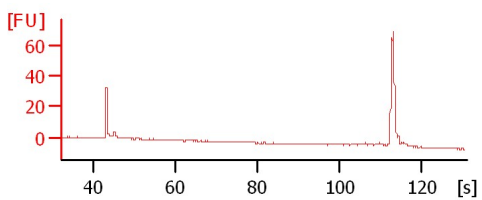
Bremia_TimeCourse_Keri

Bremia_Diversity_Keri



sample 10

sample 11



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-28\2015-09-28_003.xad

Created: 9/28/2015 4:31:35 PM
Modified: 9/28/2015 5:19:40 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
SPLC1		<input type="checkbox"/>	✓			
SPLC2		<input type="checkbox"/>	✓			
SPLC3		<input type="checkbox"/>	✓			
CS#2 lig IDT_1		<input type="checkbox"/>	✓			
CS#2 lig BIOO_5		<input type="checkbox"/>	✓			
Dekas Cast 1 DNA Lib_0.6x		<input type="checkbox"/>	✓			
Bremia 35 sample lin zhang RMW 92525		<input type="checkbox"/>	✓			
Bremia_TimeCourse_Keri	HiSeq 257	<input type="checkbox"/>	✓			
Bremia_Diversity_Keri	HiSeq 257	<input type="checkbox"/>	✓			
sample 10		<input type="checkbox"/>	✓			
sample 11		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-28\2015-09-28_003.xad

Created: 9/28/2015 4:31:35 PM
Modified: 9/28/2015 5:19:40 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

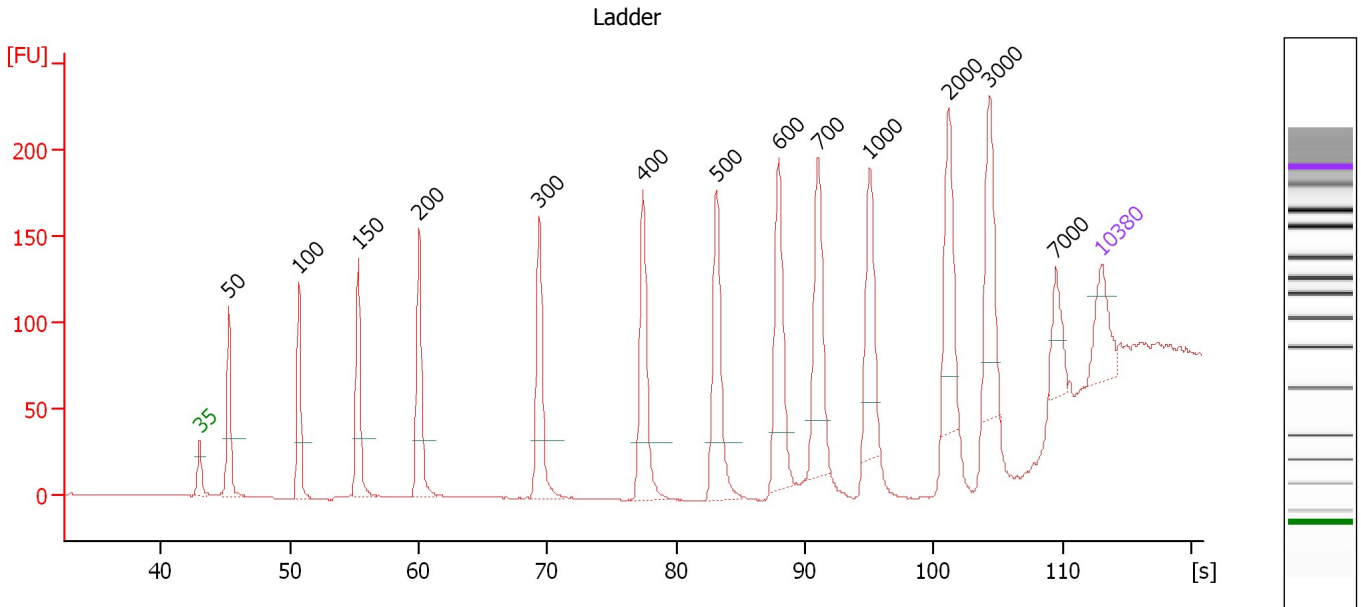
Ladder

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:\...ents and Settings\Bioanalyzer\2015-09-28\2015-09-28_003.xad

Created: 9/28/2015 4:31:35 PM
 Modified: 9/28/2015 5:19:40 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

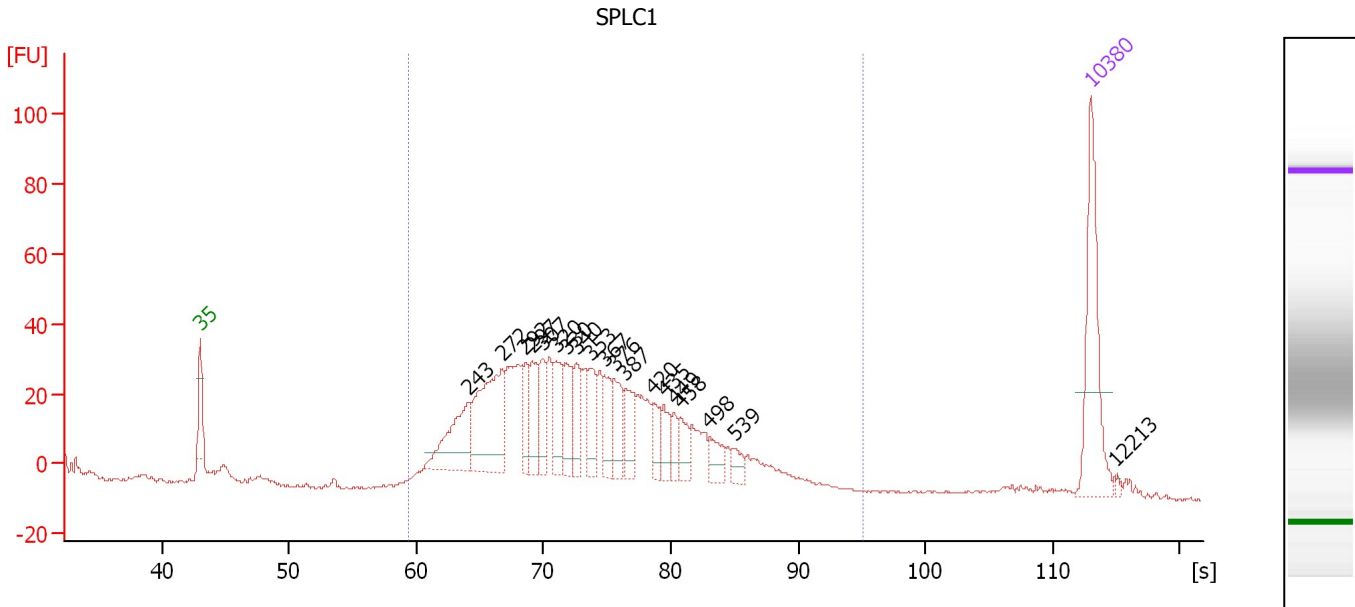
Peak table for Ladder

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	45.25
3	100	150.00	2,272.7	Ladder Peak	50.72
4	150	150.00	1,515.2	Ladder Peak	55.31
5	200	150.00	1,136.4	Ladder Peak	60.06
6	300	150.00	757.6	Ladder Peak	69.36
7	400	150.00	568.2	Ladder Peak	77.46
8	500	150.00	454.5	Ladder Peak	83.17
9	600	150.00	378.8	Ladder Peak	87.97
10	700	150.00	324.7	Ladder Peak	91.06
11	1,000	150.00	227.3	Ladder Peak	95.06
12	2,000	150.00	113.6	Ladder Peak	101.19
13	3,000	150.00	75.8	Ladder Peak	104.36
14	7,000	150.00	32.5	Ladder Peak	109.50
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-28\2015-09-28_003.xad

Created: 9/28/2015 4:31:35 PM
 Modified: 9/28/2015 5:19:40 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : SPLC1

Number of peaks found: 19 Corr. Area 1: 933.0
 Noise: 0.4

Peak table for sample 1 : SPLC1

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	243	79.98	498.6		64.07
3	272	125.92	702.3		66.73
4	292	31.07	161.4		68.59
5	297	40.52	206.7		69.09
6	307	31.02	153.1		69.94
7	320	43.55	206.1		70.99
8	330	41.74	191.7		71.79
9	340	29.86	133.1		72.60
10	353	35.97	154.4		73.65
11	367	29.04	119.9		74.79
12	376	35.40	142.5		75.55
13	387	33.42	130.9		76.40
14	420	19.78	71.4		78.59
15	435	20.28	70.6		79.48
16	449	13.65	46.0		80.28
17	458	20.88	69.0		80.79
18	498	18.06	54.9		83.07
19	539	10.99	30.9		85.05
20	10,380	75.00	10.9	Upper Marker	113.00
21	12,213	0.00	0.0		114.90

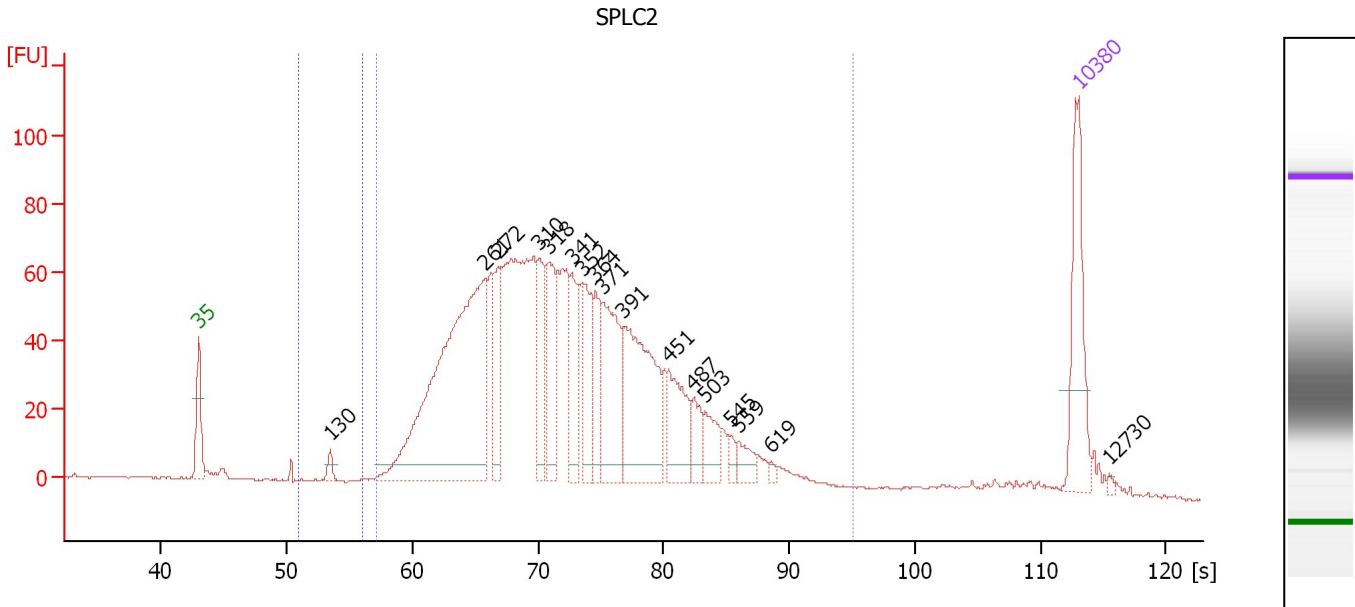
Region table for sample 1 : SPLC1

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]	Conc. [pg/μl]
192	360	1,000	933.0	4,736.1	97	27.7	1,020.94

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-28\2015-09-28_003.xad

Created: 9/28/2015 4:31:35 PM
 Modified: 9/28/2015 5:19:40 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : SPLIC2

Number of peaks found: 17 Corr. Area 1: 1,860.1
 Noise: 0.3 Corr. Area 2: 7.6

Peak table for sample 2 : SPLIC2

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	130	10.96	127.8		53.47
3	261	483.31	2,800.9		65.78
4	272	67.00	372.6		66.80
5	310	72.55	355.1		70.14
6	318	82.74	394.3		70.82
7	341	65.47	290.7		72.70
8	352	74.90	322.1		73.60
9	364	46.59	193.7		74.58
10	371	113.73	464.1		75.14
11	391	169.59	656.5		76.76
12	451	70.88	238.3		80.35
13	487	25.15	78.3		82.40
14	503	31.67	95.5		83.30
15	545	9.55	26.5		85.35
16	559	17.84	48.4		85.99
17	619	3.51	8.6		88.56
18	10,380	75.00	10.9	Upper Marker	113.00
19	12,730	0.00	0.0		115.44

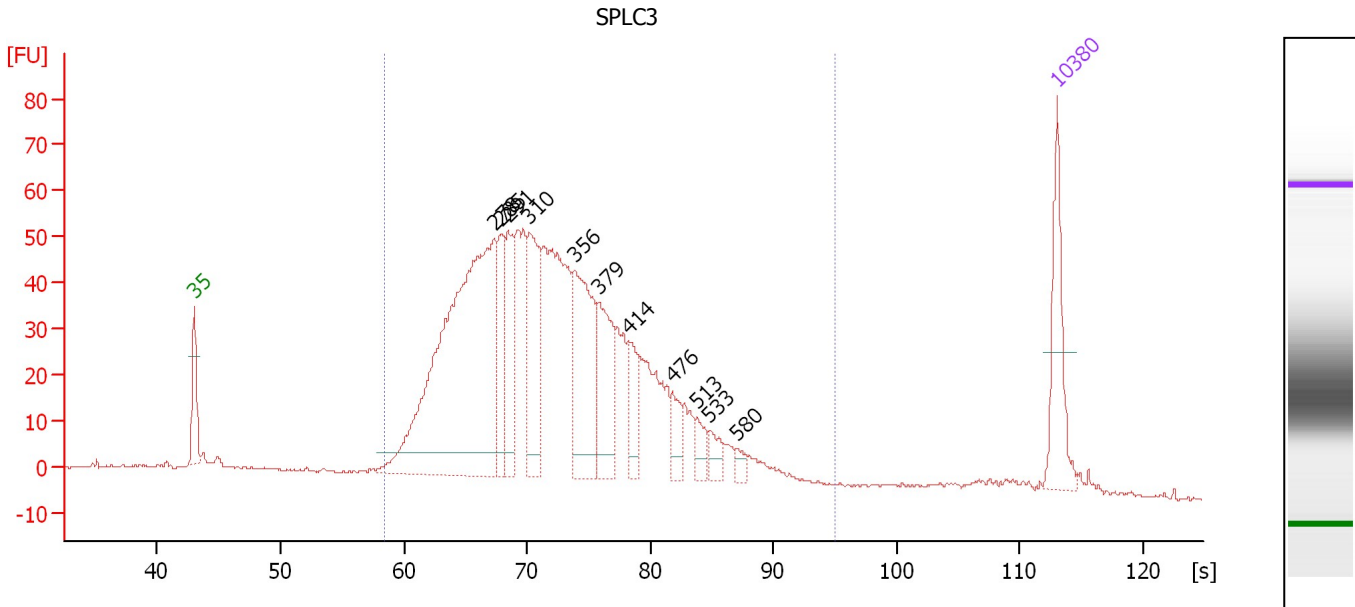
Region table for sample 2 : SPLIC2

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]	Conc. [pg/μl]
102	130	158	7.6	121.2	0	4.1	10.40
170	347	1,000	1,860.1	9,637.1	96	30.2	1,973.42

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-28\2015-09-28_003.xad

Created: 9/28/2015 4:31:35 PM
 Modified: 9/28/2015 5:19:40 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : SPLC3

Number of peaks found: 11 Corr. Area 1: 1,384.3
 Noise: 0.2

Peak table for sample 3 : SPLC3

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	278	725.58	3,954.1		67.32
3	285	94.79	504.6		67.93
4	291	106.46	554.9		68.50
5	310	152.33	743.8		70.20
6	356	191.84	817.5		73.86
7	379	117.05	467.7		75.78
8	414	54.49	199.4		78.26
9	476	30.59	97.4		81.79
10	513	25.67	75.8		83.80
11	533	22.68	64.5		84.76
12	580	9.92	25.9		87.02
13	10,380	75.00	10.9	Upper Marker	113.00

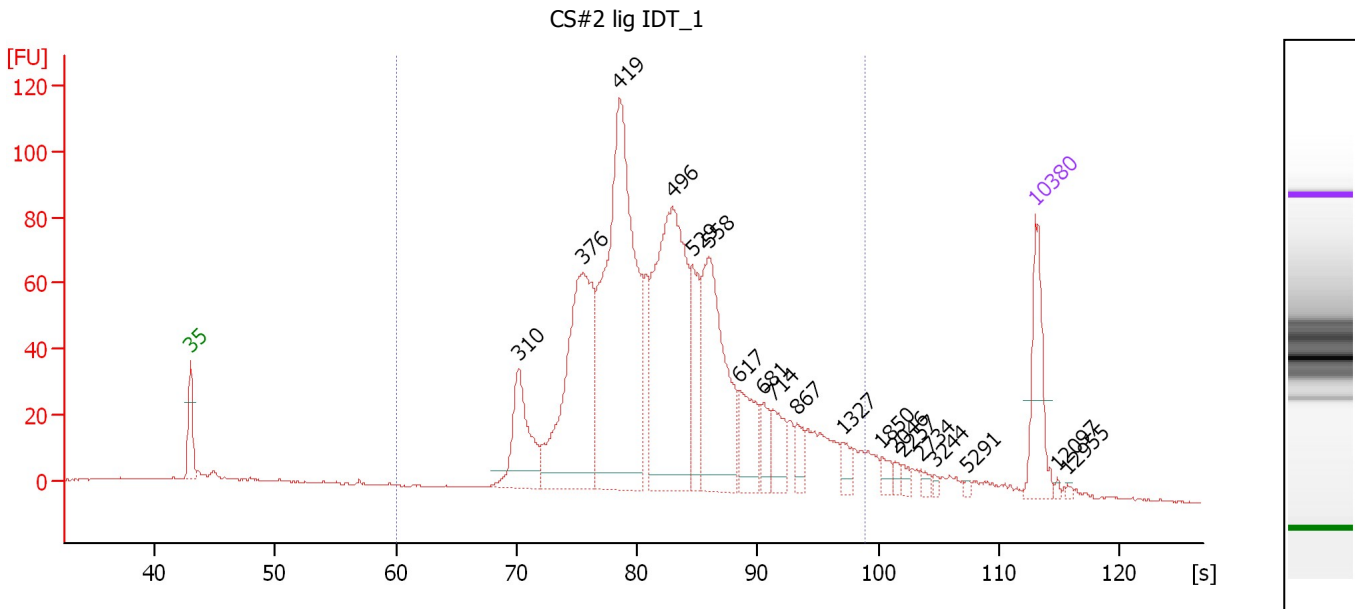
Region table for sample 3 : SPLC3

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]	Conc. [pg/μl]
183	346	1,000	1,384.3	11,319.9	94	29.0	2,340.02

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-28\2015-09-28_003.xad

Created: 9/28/2015 4:31:35 PM
 Modified: 9/28/2015 5:19:40 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : CS#2 lig IDT_1

Number of peaks found: 19 Corr. Area 1: 1,685.6
 Noise: 0.2

Peak table for sample 4 : CS#2 lig IDT_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	310	132.47	647.0		70.19
3	376	350.88	1,413.2		75.53
4	419	578.47	2,090.7		78.56
5	496	430.75	1,315.0		82.96
6	529	90.18	258.3		84.56
7	558	240.27	652.7		85.94
8	617	69.81	171.6		88.48
9	681	28.84	64.1		90.48
10	714	44.11	93.7		91.24
11	867	23.70	41.4		93.29
12	1,327	16.95	19.3		97.07
13	1,850	10.91	8.9		100.27
14	2,046	6.66	4.9		101.34
15	2,257	6.63	4.5		102.01
16	2,734	6.63	3.7		103.52
17	3,244	3.74	1.7		104.68
18	5,291	2.86	0.8		107.30
19	10,380	75.00	10.9	Upper Marker	113.00
20	12,097	0.00	0.0		114.78
21	12,955	0.00	0.0		115.67

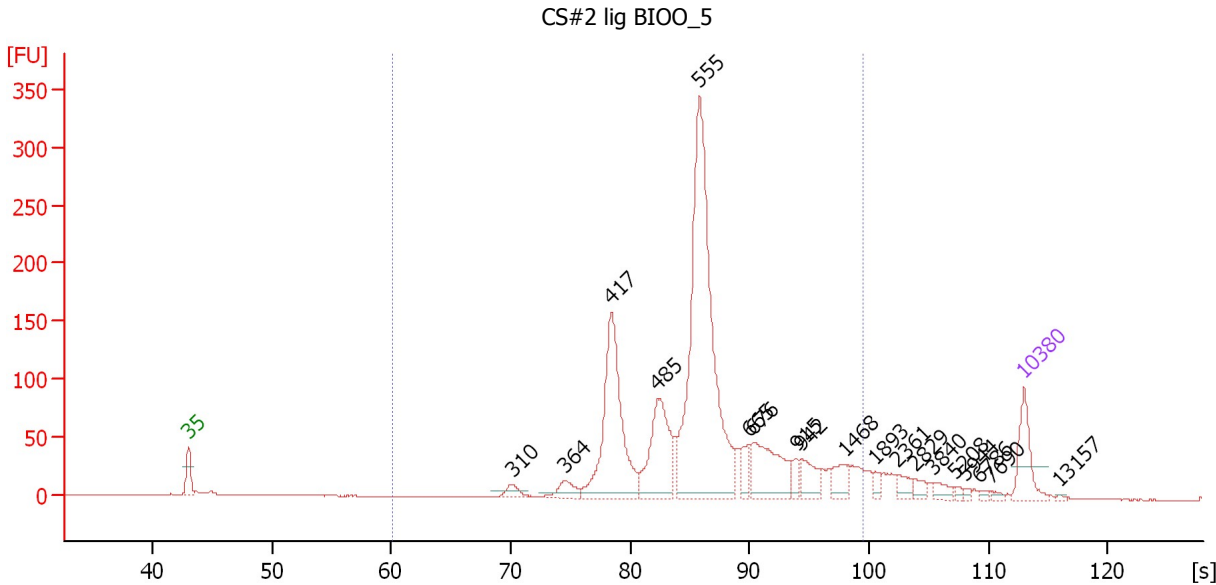
Region table for sample 4 : CS#2 lig IDT_1

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]	Conc. [pg/μl]
200	528	1,622	1,685.6	7,200.3	91	40.6	2,202.12

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-28\2015-09-28_003.xad

Created: 9/28/2015 4:31:35 PM
 Modified: 9/28/2015 5:19:40 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : CS#2 lig BIOO 5

Number of peaks found: 19 Corr. Area 1: 1,914.6
 Noise: 0.3

Peak table for sample 5 : CS#2 lig BIOO 5

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	310	29.64	144.9		70.17
3	364	43.72	182.0		74.54
4	417	415.71	1,512.0		78.40
5	485	231.91	724.4		82.32
6	555	912.43	2,489.4		85.83
7	665	42.31	96.4		89.97
8	676	170.86	382.8		90.33
9	915	26.46	43.8		93.93
10	942	54.62	87.9		94.29
11	1,468	37.53	38.7		97.93
12	1,893	13.62	10.9		100.54
13	2,361	22.42	14.4		102.34
14	2,829	17.08	9.1		103.82
15	3,840	19.14	7.6		105.44
16	5,208	7.10	2.1		107.20
17	5,944	5.26	1.3		108.14
18	6,786	5.98	1.3		109.22
19	7,690	5.95	1.2		110.21
20	10,380	75.00	10.9	Upper Marker	113.00
21	13,157	0.00	0.0		115.88

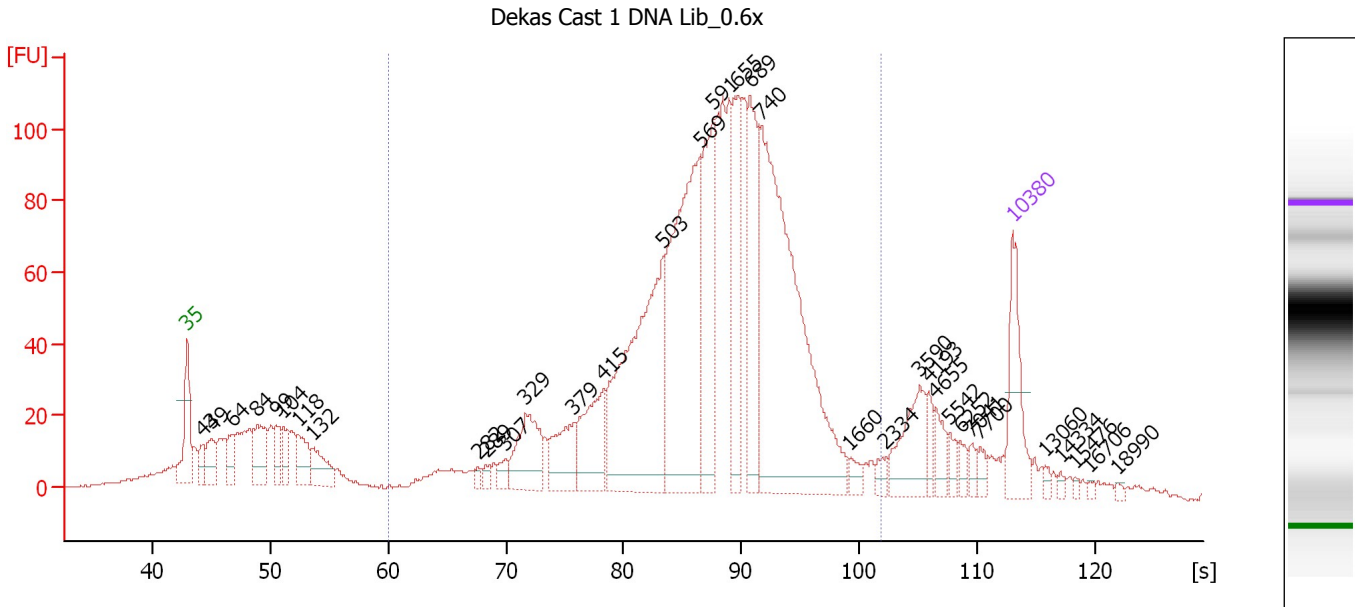
Region table for sample 5 : CS#2 lig BIOO 5

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]	Conc. [pg/μl]
200	617	1,718	1,914.6	5,742.1	88	41.0	2,049.55

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-28\2015-09-28_003.xad

Created: 9/28/2015 4:31:35 PM
 Modified: 9/28/2015 5:19:40 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : Dekas Cast 1 DNA Lib 0.6x

Number of peaks found: 34 Corr. Area 1: 1,960.9
 Noise: 0.5

Peak table for sample 6 : Dekas Cast 1 DNA Lib 0.6x

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	31.33	1,091.5		44.28
3	49	52.60	1,628.1		45.09
4	64	38.03	900.7		46.78
5	84	85.39	1,548.3		48.92
6	99	42.21	648.8		50.56
7	104	43.04	628.6		51.06
8	118	64.07	821.7		52.38
9	132	60.90	698.9		53.66
10	282	8.34	44.8		67.68
11	289	9.89	51.9		68.32
12	307	17.47	86.1		69.96
13	329	104.89	483.4		71.69
14	379	76.41	305.6		75.75
15	415	109.85	401.4		78.30
16	503	390.06	1,175.5		83.31
17	569	388.81	1,034.9		86.49
18	591	179.49	460.1		87.54
19	655	136.88	316.4		89.68
20	689	155.18	341.1		90.73
21	740	575.23	1,177.4		91.59
22	1,660	13.19	12.0		99.11
23	2,334	10.48	6.8		102.25
24	3,590	70.37	29.7		105.12
25	4,193	18.02	6.5		105.90

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-28\2015-09-28_003.xad

Created: 9/28/2015 4:31:35 PM
 Modified: 9/28/2015 5:19:40 PM

Electropherogram Summary Continued ...

... Peak table for sample 6 : Dekas Cast 1 DNA Lib 0.6x

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	4,655	21.47	7.0		106.49
27	5,542	12.89	3.5		107.63
28	6,252	11.48	2.8		108.54
29	7,041	11.05	2.4		109.54
30	7,700	10.44	2.1		110.22
31	10,380	75.00	10.9	Upper Marker	113.00
32	13,060	0.00	0.0		115.78
33	14,334	0.00	0.0		117.10
34	15,476	0.00	0.0		118.28
35	16,706	0.00	0.0		119.56
36	18,990	0.00	0.0		121.93

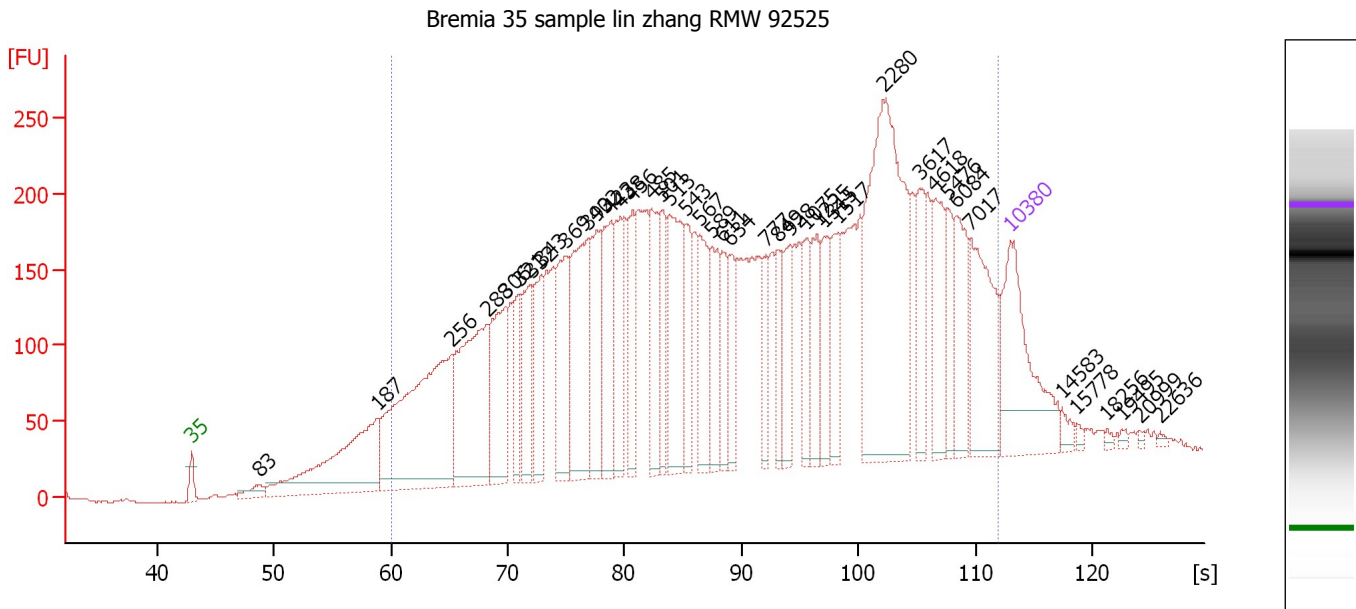
Region table for sample 6 : Dekas Cast 1 DNA Lib 0.6x

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]	Conc. [pg/μl]
200	658	2,206	1,960.9	7,268.6	75	42.0	2,612.77

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-28\2015-09-28_003.xad

Created: 9/28/2015 4:31:35 PM
 Modified: 9/28/2015 5:19:40 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : Bremia 35 sample lin zhang RMW 92525

Number of peaks found: 41 Corr. Area 1: 8,827.5
 Noise: 0.7

Peak table for sample 7 : Bremia 35 sample lin zhang RMW 92525

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	83	13.26	242.9		48.83
3	187	151.05	1,220.7		58.87
4	256	238.99	1,415.9		65.25
5	288	148.88	782.5		68.28
6	306	86.18	427.0		69.83
7	321	37.29	176.3		71.03
8	332	59.38	270.6		71.99
9	343	54.86	242.2		72.86
10	369	76.16	312.5		74.97
11	393	104.52	403.4		76.85
12	402	61.32	231.0		77.59
13	423	67.91	243.2		78.78
14	438	47.67	164.8		79.65
15	456	41.87	139.1		80.66
16	485	55.82	174.4		82.31
17	501	40.29	121.8		83.23
18	513	87.95	259.9		83.78
19	543	35.54	99.1		85.25
20	567	50.71	135.5		86.39
21	589	40.54	104.3		87.45
22	611	31.00	76.8		88.32
23	634	30.63	73.2		89.01
24	777	27.17	53.0		92.08
25	849	26.64	47.5		93.05

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-28\2015-09-28_003.xad

Created: 9/28/2015 4:31:35 PM
 Modified: 9/28/2015 5:19:40 PM

Electropherogram Summary Continued ...

... Peak table for sample 7 : Bremia 35 sample lin zhang RMW 92525

Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	928	31.29	51.1		94.10
27	1,075	28.65	40.4		95.52
28	1,225	33.22	41.1		96.44
29	1,315	29.34	33.8		96.99
30	1,517	30.27	30.2		98.23
31	2,280	180.77	120.1		102.08
32	3,617	29.65	12.4		105.16
33	4,618	41.30	13.5		106.44
34	5,476	25.28	7.0		107.54
35	6,084	40.26	10.0		108.32
36	7,017	67.81	14.6		109.51
37	10,380	75.00	10.9	Upper Marker	113.00
38	14,583	0.00	0.0		117.36
39	15,778	0.00	0.0		118.60
40	18,256	0.00	0.0		121.17
41	19,495	0.00	0.0		122.45
42	20,999	0.00	0.0		124.01
43	22,636	0.00	0.0		125.71

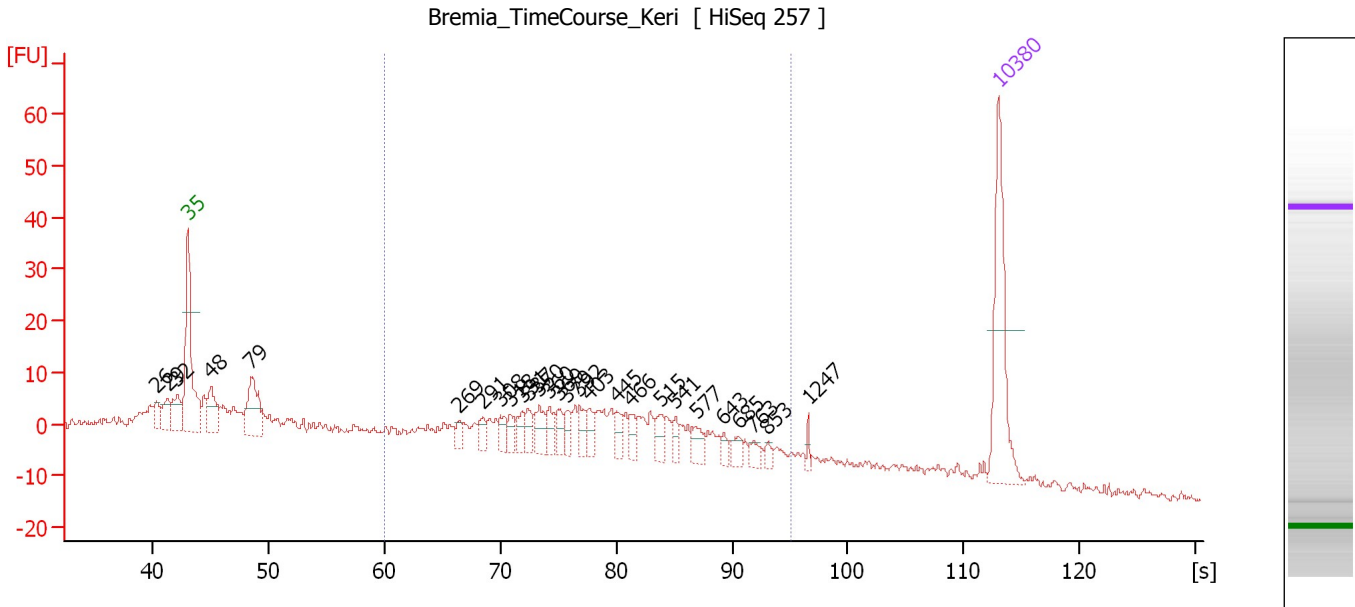
Region table for sample 7 : Bremia 35 sample lin zhang RMW 92525

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]	Conc. [pg/µl]
200	1,627	9,337	8,827.5	7,472.3	94	100.0	2,440.19

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-28\2015-09-28_003.xad

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Electropherogram Summary Continued ...



Setpoint Deviations for sample 8 : Bremia TimeCourse Keri

End Analysis Time Range [s] : 106.05

Overall Results for sample 8 : Bremia TimeCourse Keri

Noise: 0.8 Corr. Area 1: 315.6

Peak table for sample 8 : Bremia TimeCourse Keri

Pea k	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	26	0.00	0.0		40.31
2	29	0.00	0.0		41.24
3	32	0.00	0.0		42.07
4	35	125.00	5,411.3	Lower Marker	43.00
5	48	38.59	1,210.9		44.99
6	79	65.28	1,244.5		48.47
7	269	9.20	51.8		66.47
8	291	11.88	61.9		68.51
9	308	13.53	66.6		70.00
10	318	10.59	50.4		70.83
11	331	12.21	55.9		71.85
12	337	12.87	57.8		72.36
13	350	21.19	91.8		73.38
14	360	13.65	57.4		74.22
15	369	13.52	55.5		74.96
16	379	12.42	49.7		75.75
17	392	13.12	50.7		76.82
18	403	12.59	47.4		77.61
19	445	11.98	40.8		80.02
20	466	11.36	37.0		81.22
21	515	15.70	46.1		83.91
22	541	9.01	25.3		85.12
23	577	14.19	37.2		86.88

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-28\2015-09-28_003.xad

Created: 9/28/2015 4:31:35 PM
 Modified: 9/28/2015 5:19:40 PM

Electropherogram Summary Continued ...

... Peak table for sample 8 : Bremia TimeCourse Keri

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
24	643	6.69	15.8		89.30
25	685	9.89	21.9		90.59
26	763	7.79	15.5		91.89
27	853	4.81	8.6		93.10
28	1,247	4.18	5.1		96.58
29	10,380	75.00	10.9	Upper Marker	113.00

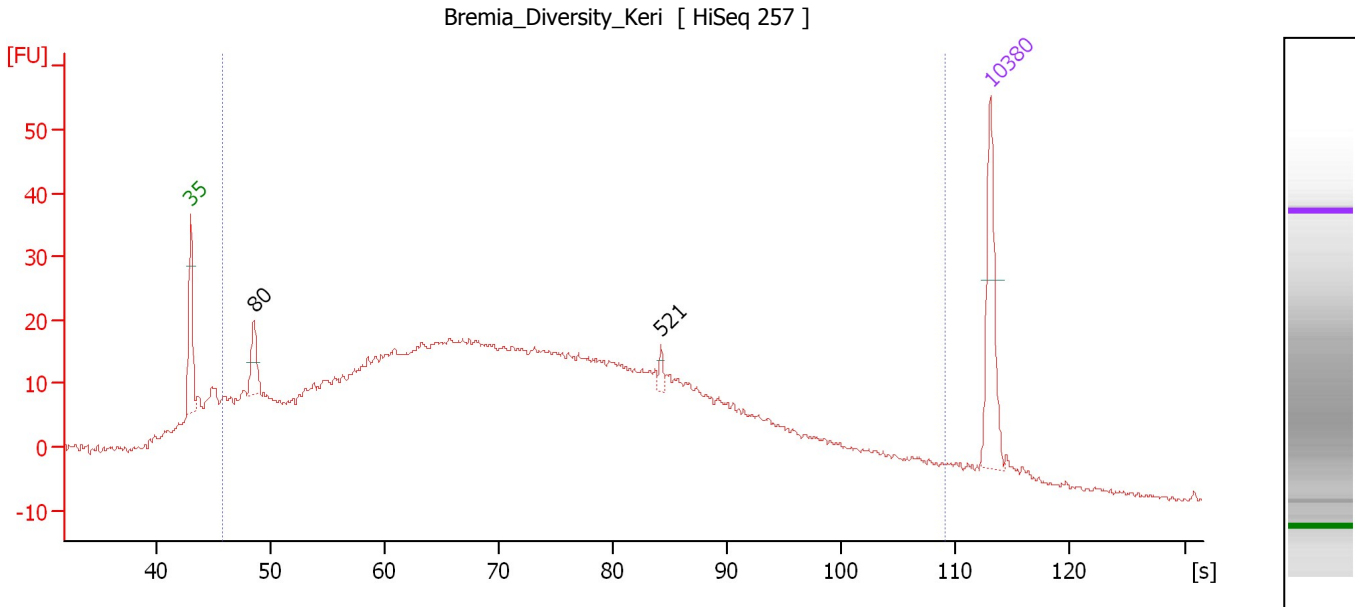
Region table for sample 8 : Bremia TimeCourse Keri

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]	Conc. [pg/μl]
200	451	1,000	315.6	2,106.6	54	36.4	524.62

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-28\2015-09-28_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 9 : Bremia Diversity Keri

Number of peaks found: 2 Corr. Area 1: 1,131.2
 Noise: 0.4

Peak table for sample 9 : Bremia Diversity Keri

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	80	52.00	983.1		48.55
3	521	8.48	24.7		84.18
4	10,380	75.00	10.9	Upper Marker	113.00

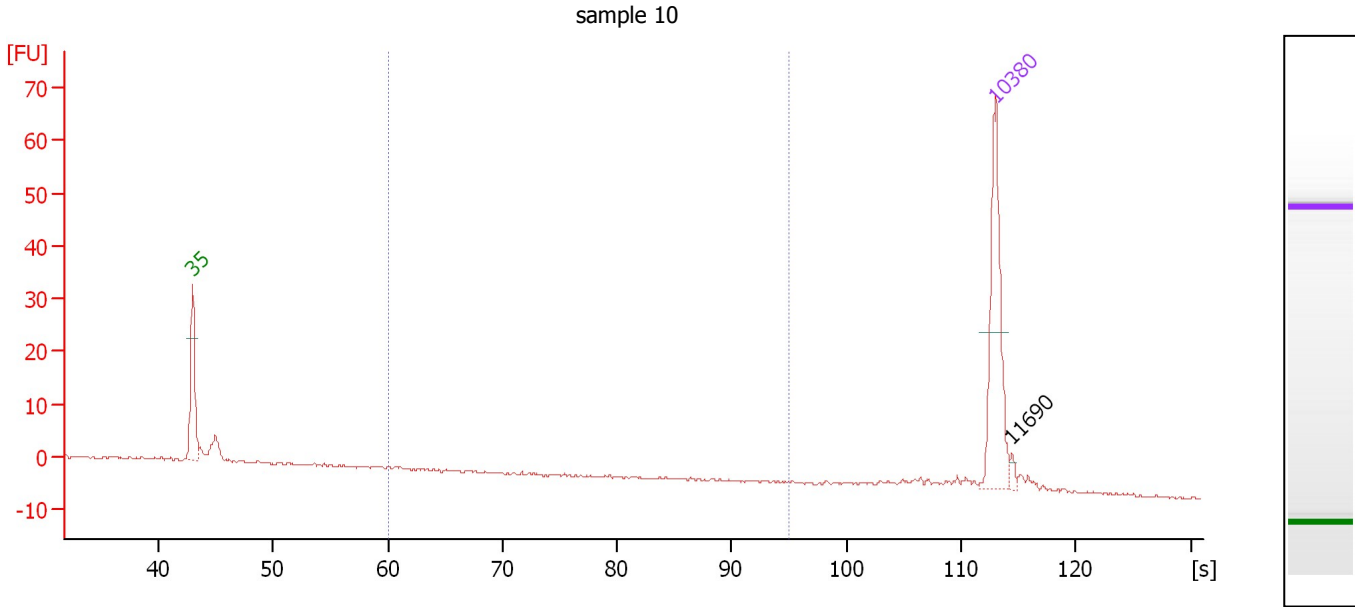
Region table for sample 9 : Bremia Diversity Keri

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]	Conc. [pg/μl]
55	526	6,614	1,131.2	23,429.7	93	100.0	3,160.89

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-28\2015-09-28_003.xad

Created: 9/28/2015 4:31:35 PM
 Modified: 9/28/2015 5:19:40 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : sample 10

Number of peaks found: 1 Corr. Area 1: 2.6
 Noise: 0.2

Peak table for sample 10 : sample 10

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	10,380	75.00	10.9	Upper Marker	113.00
3	11,690	0.00	0.0		114.36

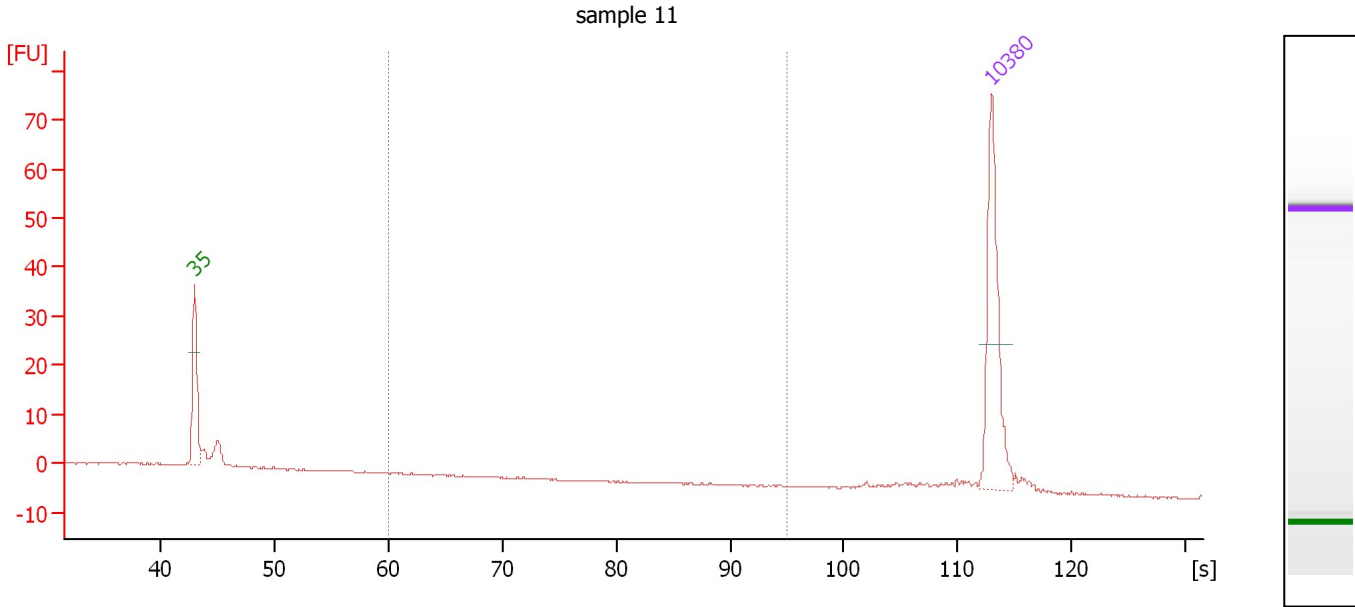
Region table for sample 10 : sample 10

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]	Conc. [pg/μl]
200	477	1,000	2.6	21.8	5	54.4	4.51

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-28\2015-09-28_003.xad

Created: 9/28/2015 4:31:35 PM
 Modified: 9/28/2015 5:19:40 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : sample 11

Number of peaks found: 0 Corr. Area 1: 0.1
 Noise: 0.1

Peak table for sample 11 : sample 11

Pea k	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	10,380	75.00	10.9	Upper Marker	113.00

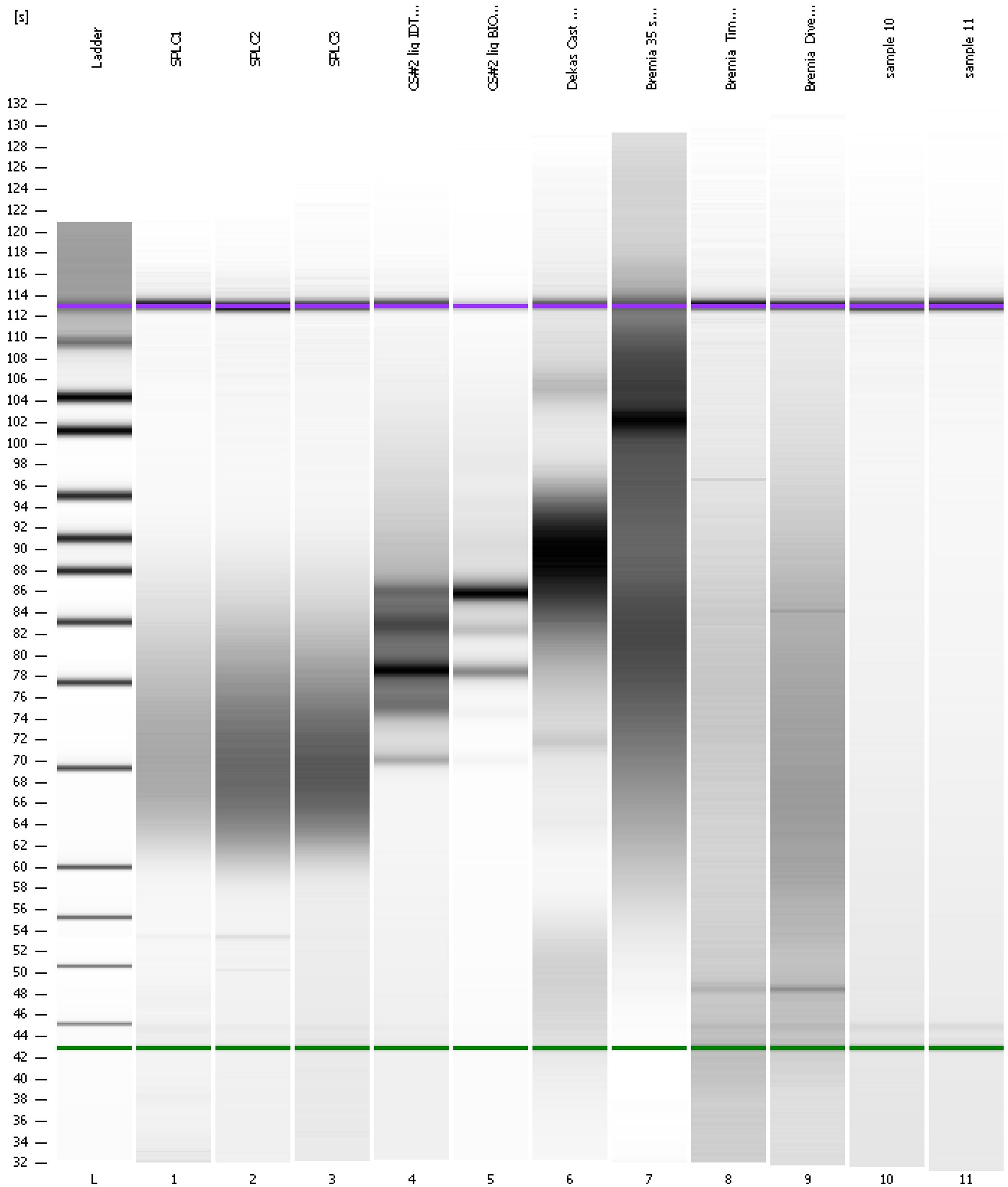
Region table for sample 11 : sample 11

From [bp]	Average Size [bp]	To [bp]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]	Conc. [pg/μl]
200	804	1,000	0.1	0.3	0	36.3	0.09

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-28\2015-09-28_003.xad

Created: 9/28/2015 4:31:35 PM
Modified: 9/28/2015 5:19:40 PM

Gel Image

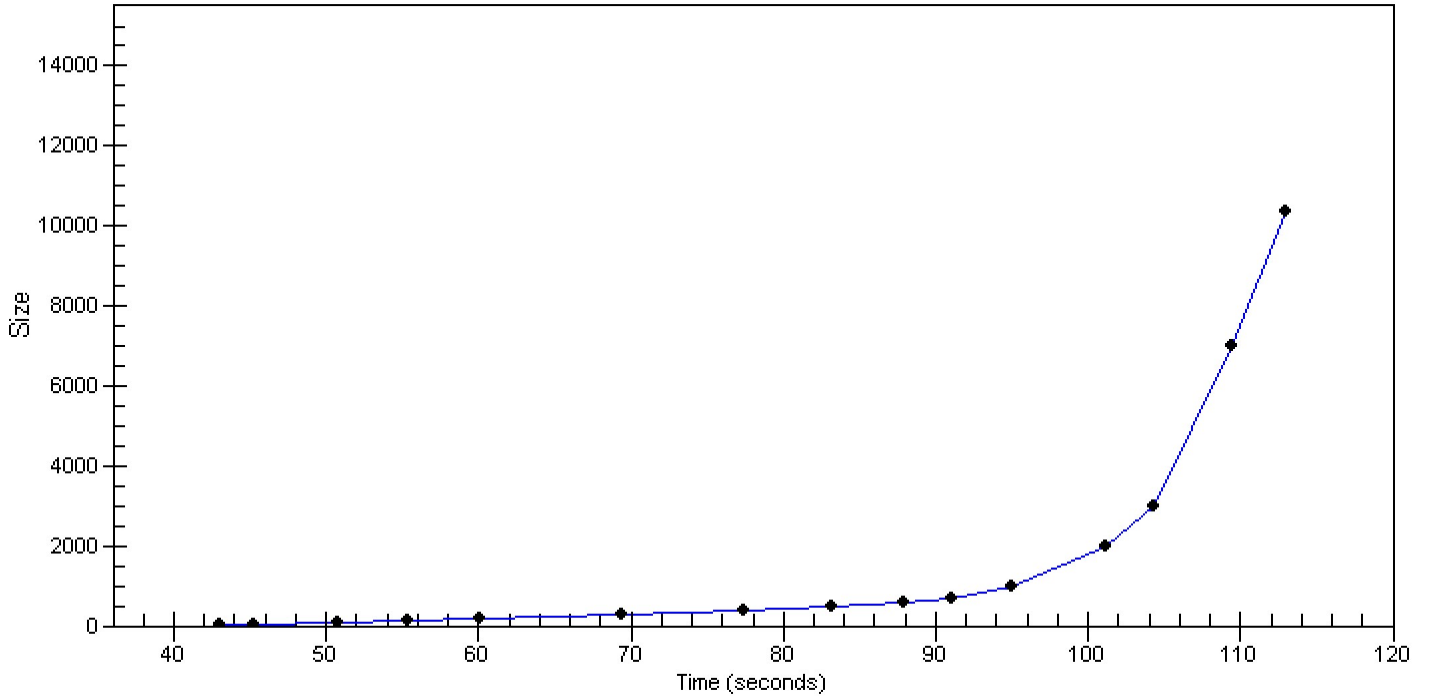


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-28\2015-09-28_003.xad

Created: 9/28/2015 4:31:35 PM
Modified: 9/28/2015 5:19:40 PM

Curves

Standard Curve



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-09-28\2015-09-28_003.xad

Created: 9/28/2015 4:31:35 PM
 Modified: 9/28/2015 5:19:40 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		9/28/2015 5:12:54 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2015-09-28\2015-09-28_003.xad)		Instrument	Run		9/28/2015 4:31:40 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Product Number : G2938B		Instrument	Run		9/28/2015 4:31:40 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Name :		Instrument	Run		9/28/2015 4:31:40 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Vendor : Agilent Technologies		Instrument	Run		9/28/2015 4:31:40 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Serial# : DE13701086		Instrument	Run		9/28/2015 4:31:40 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Firmware : C.01.069		Instrument	Run		9/28/2015 4:31:40 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1
Cartridge : Electrode		Instrument	Run		9/28/2015 4:31:40 PM	(GMT --07:00) Pacific Standard Time	UC Davis	D8XSMGH1