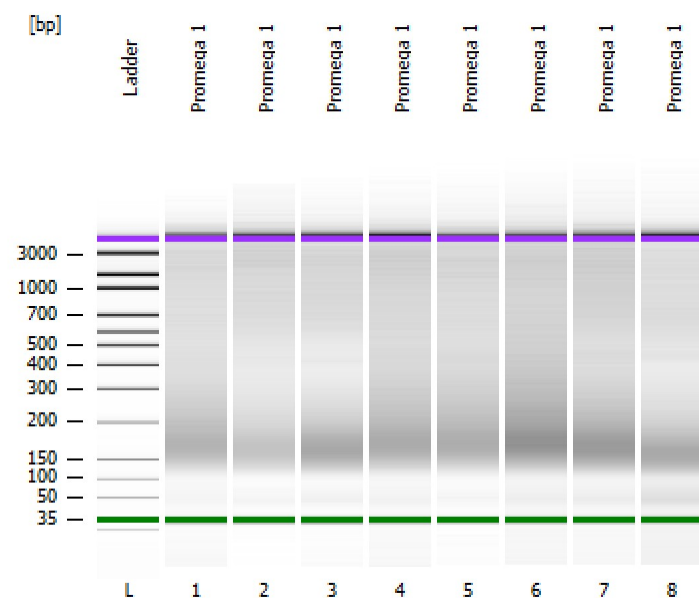


Assay Class: High Sensitivity DNA Assay
Data Path: Z:\...sciclone test 1\Agilent\Sciclone test 1 e.tag._HS_120514.xad

Created: 5/12/2014 11:24:02 AM
Modified: 5/12/2014 1:44:29 PM

Electrophoresis File Run Summary



Instrument Information:

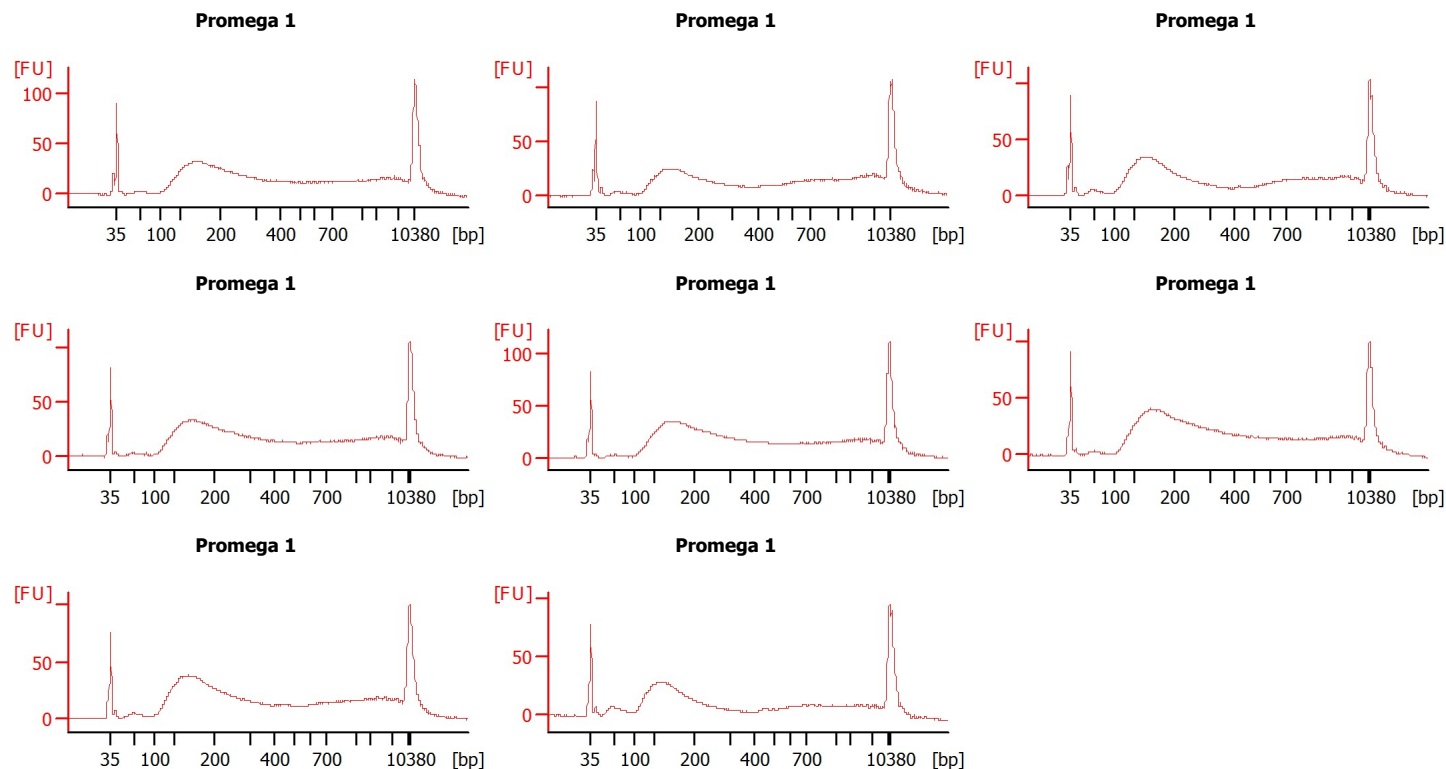
Instrument Name: DE72905258 Firmware: C.01.069
Serial#: DE72905258 Type: G2938C

Assay Information:

Assay Origin Path: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\SecuredArea\Method\Templates\dsDNA\High Sensitivity DNA xcv
Assay Class: High Sensitivity DNA Assay
Version: 1.03
Assay Comments: Copyright © 2003-2010 Agilent Technologies

Chip Information:

Chip Lot #: SC09BK50
Reagent Kit Lot #: 1310
Chip Comments: Chip exp.: 09 mar 2015
Reagents exp.: 04 mar 2014
LHJ



Assay Class: High Sensitivity DNA Assay
Data Path: Z:\...ciclone test 1\Agilent\Sciclone test 1 e.tag._HS_120514.xad

Created: 5/12/2014 11:24:02 AM
Modified: 5/12/2014 1:44:29 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
Promega 1		☐	✓			
Promega 1		☐	✓			
Promega 1		☐	✓			
Promega 1		☐	✓			
Promega 1		☐	✓			
Promega 1		☐	✓			
Promega 1		☐	✓			
Promega 1		☐	✓			
Ladder		☐	✓			

Chip Lot #

SC09BK50

Reagent Kit Lot #

1310

Chip Comments :

Chip exp.: 09 mar 2015
Reagens exp.: 04 mar 2014
LHJ

Assay Class: High Sensitivity DNA Assay
Data Path: Z:\...ciclone test 1\Agilent\Sciclone test 1 e.tag._HS_120514.xad

Created: 5/12/2014 11:24:02 AM
Modified: 5/12/2014 1:44:29 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

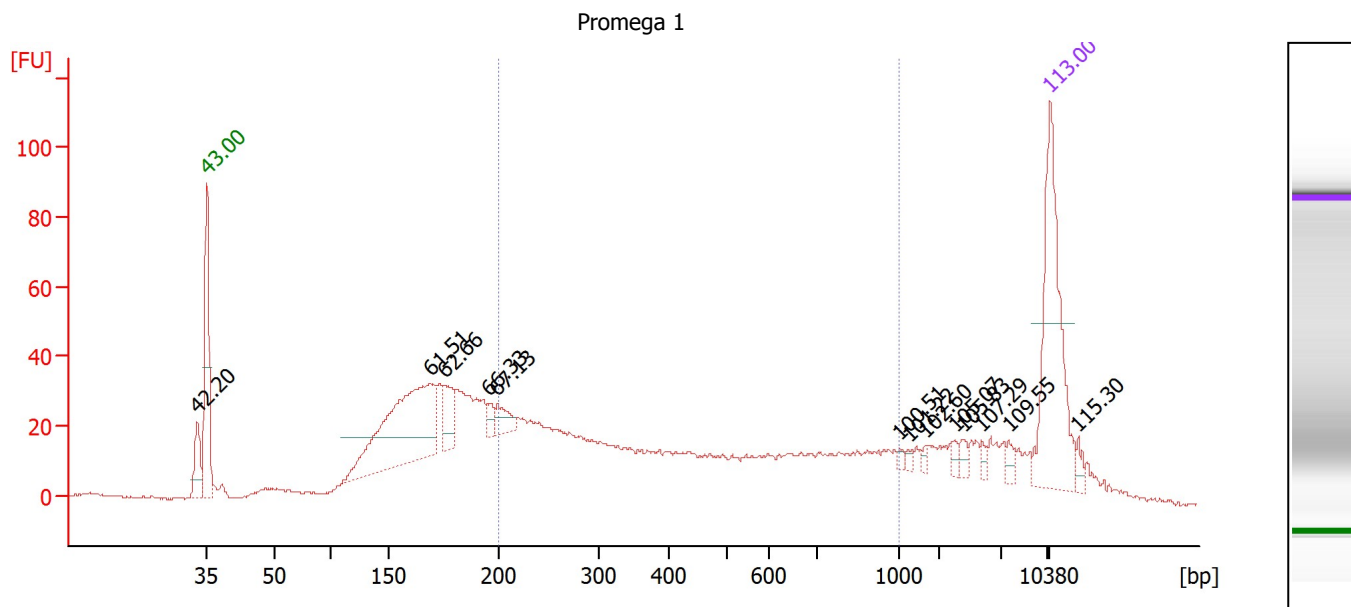
Ladder

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: Z:\...sciclone test 1\Agilent\Sciclone test 1 e.tag._HS_120514.xad

Created: 5/12/2014 11:24:02 AM
 Modified: 5/12/2014 1:44:29 PM

Electropherogram Summary



Overall Results for sample 1 : Promega 1

Number of peaks found: 13 Corr. Area 1: 652.3
 Noise: 0.3

Peak table for sample 1 : Promega 1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	32	0.00	0.0	
2	35	125.00	5,411.3	Lower Marker
3	169	163.82	1,469.6	
4	175	25.04	216.7	
5	195	7.61	59.2	
6	199	14.06	106.9	
7	1,025	1.95	2.9	
8	1,237	1.81	2.2	
9	1,649	2.12	2.0	
10	2,250	2.78	1.9	
11	2,395	3.70	2.3	
12	2,674	2.83	1.6	
13	3,594	4.10	1.7	
14	10,380	75.00	10.9	Upper Marker
15	39,173	0.00	0.0	

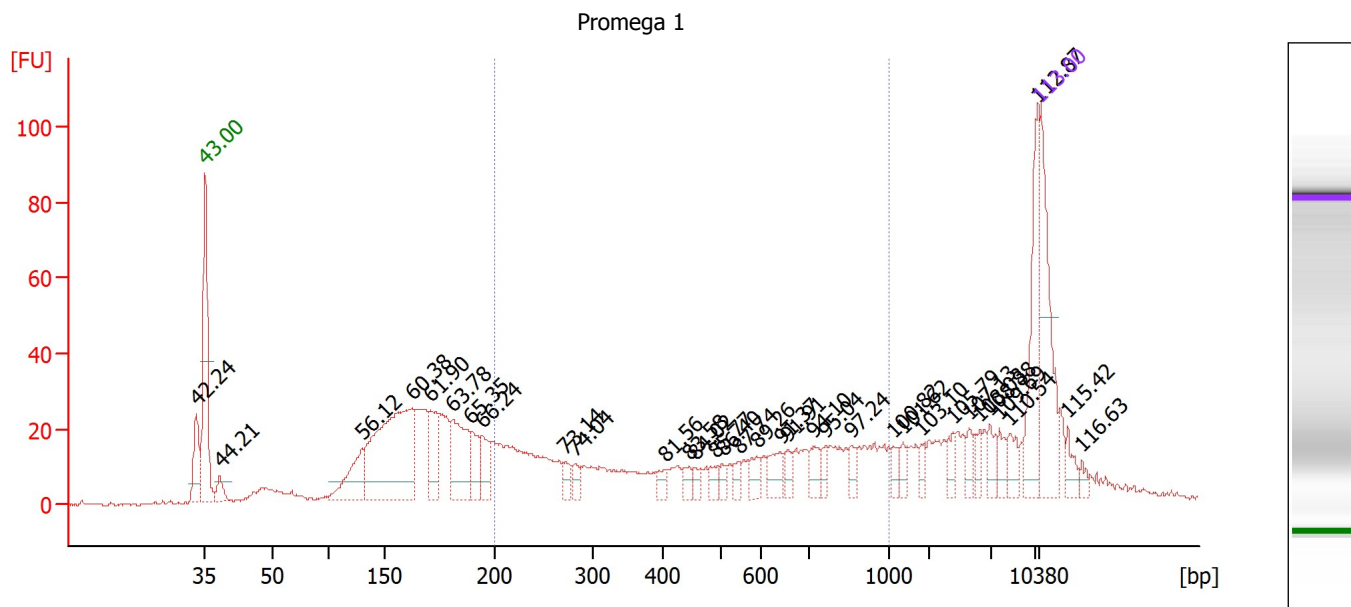
Region table for sample 1 : Promega 1

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	652.3	44	467	49.0	463.46	2,055.9	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...ciclone test 1\Agilent\Sciclone test 1 e.tag._HS_120514.xad

Created: 5/12/2014 11:24:02 AM
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Electropherogram Summary Continued ...



Assay Class: High Sensitivity DNA Assay
Data Path: Z:\...ciclone test 1\Agilent\Sciclone test 1 e.tag._HS_120514.xad

Created: 5/12/2014 11:24:02 AM
Modified: 5/12/2014 1:44:29 PM

Electropherogram Summary Continued ...**... Peak table for sample 2 : Promega 1**

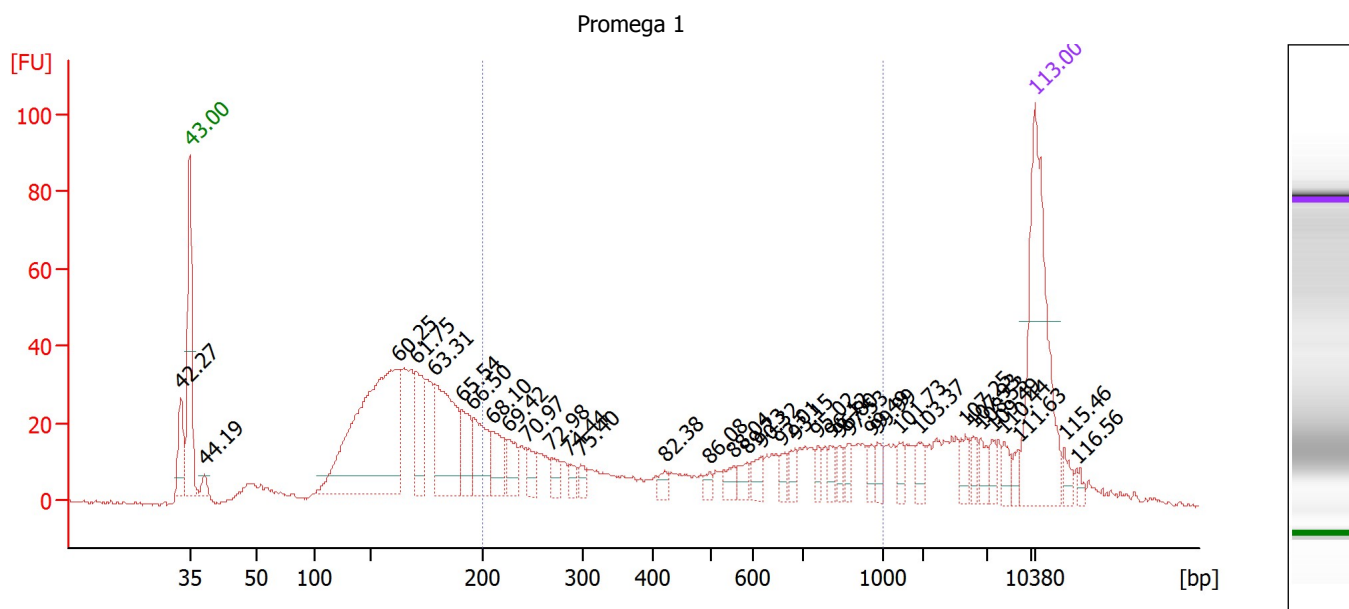
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	2,387	9.50	6.0	
28	2,644	8.84	5.1	
29	2,816	7.52	4.0	
30	2,979	10.54	5.4	
31	3,743	9.78	4.0	
32	4,654	12.57	4.1	
33	8,700	51.11	8.9	
34	10,380	75.00	10.9	Upper Marker
35	40,625	0.00	0.0	
36	55,747	0.00	0.0	

Region table for sample 2 : Promega 1

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	446.9	36	521	46.0	493.64	2,017.9	

Assay Class: High Sensitivity DNA Assay
Data Path: Z:\...sciclone test 1\Agilent\Sciclone test 1 e.tag._HS_120514.xad

Created: 5/12/2014 11:24:02 AM
Modified: 5/12/2014 1:44:29 PM

Electropherogram Summary Continued ...**Overall Results for sample 3 : Promega 1**

Number of peaks found: 36 Corr. Area 1: 477.0
Noise: 0.5

Peak table for sample 3 : Promega 1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	32	0.00	0.0	
2	35	125.00	5,411.3	Lower Marker
3	38	6.33	251.0	
4	162	209.85	1,961.3	
5	170	37.90	337.3	
6	179	78.12	662.8	
7	191	24.67	196.0	
8	196	35.96	278.2	
9	210	22.65	163.5	
10	226	16.22	108.8	
11	245	10.66	66.1	
12	269	9.65	54.4	
13	286	6.37	33.7	
14	298	6.36	32.3	
15	420	4.74	17.1	
16	497	4.10	12.5	
17	554	6.76	18.5	
18	589	6.79	17.5	
19	618	8.37	20.5	
20	659	5.78	13.3	
21	686	6.57	14.5	
22	758	5.45	10.9	
23	807	6.24	11.7	
24	838	5.31	9.6	
25	870	5.35	9.3	
26	958	5.47	8.7	

Assay Class: High Sensitivity DNA Assay
Data Path: Z:\...ciclone test 1\Agilent\Sciclone test 1 e.tag._HS_120514.xad

Created: 5/12/2014 11:24:02 AM
Modified: 5/12/2014 1:44:29 PM

Electropherogram Summary Continued ...**... Peak table for sample 3 : Promega 1**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	980	5.49	8.5	
28	1,389	5.88	6.4	
29	1,882	6.53	5.3	
30	2,667	6.14	3.5	
31	2,798	5.08	2.8	
32	2,911	6.00	3.1	
33	3,530	4.73	2.0	
34	4,555	5.53	1.8	
35	5,825	4.21	1.1	
36	10,380	75.00	10.9	Upper Marker
37	41,197	0.00	0.0	
38	54,893	0.00	0.0	

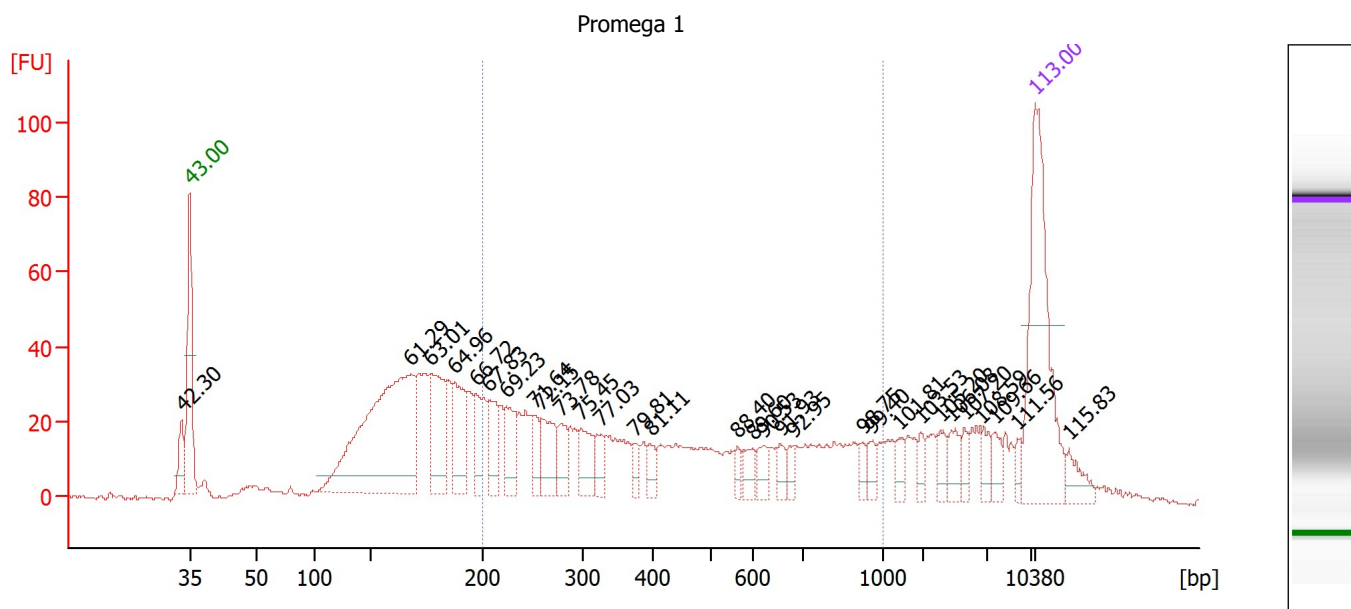
Region table for sample 3 : Promega 1

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	477.0	35	519	47.8	329.10	1,382.1	

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...sciclone test 1\Agilent\Sciclone test 1 e.tag._HS_120514.xad

Created: 5/12/2014 11:24:02 AM
 Modified: 5/12/2014 1:44:29 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : Promega 1

Number of peaks found: 30 Corr. Area 1: 717.9
 Noise: 0.6

Peak table for sample 4 : Promega 1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	33	0.00	0.0	
2	35	125.00	5,411.3	Lower Marker
3	168	214.52	1,937.9	
4	177	58.37	499.7	
5	187	40.68	328.8	
6	197	20.94	161.0	
7	207	24.61	180.4	
8	223	27.82	188.6	
9	253	14.45	86.7	
10	259	27.70	162.2	
11	278	16.61	90.4	
12	299	22.13	112.3	
13	325	13.16	61.4	
14	372	7.08	28.8	
15	395	7.68	29.5	
16	565	5.38	14.4	
17	601	9.00	22.7	
18	623	9.09	22.1	
19	657	7.61	17.6	
20	681	6.34	14.1	
21	925	5.47	9.0	
22	954	7.02	11.2	
23	1,414	6.11	6.5	
24	1,929	5.17	4.1	
25	2,275	6.82	4.5	
26	2,444	8.36	5.2	

Assay Class: High Sensitivity DNA Assay
Data Path: Z:\...ciclone test 1\Agilent\Sciclone test 1 e.tag._HS_120514.xad

Created: 5/12/2014 11:24:02 AM
Modified: 5/12/2014 1:44:29 PM

Electropherogram Summary Continued ...**... Peak table for sample 4 : Promega 1**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	2,657	5.28	3.0	
28	2,923	7.15	3.7	
29	3,713	6.75	2.8	
30	5,750	4.31	1.1	
31	10,380	75.00	10.9	Upper Marker
32	45,791	0.00	0.0	

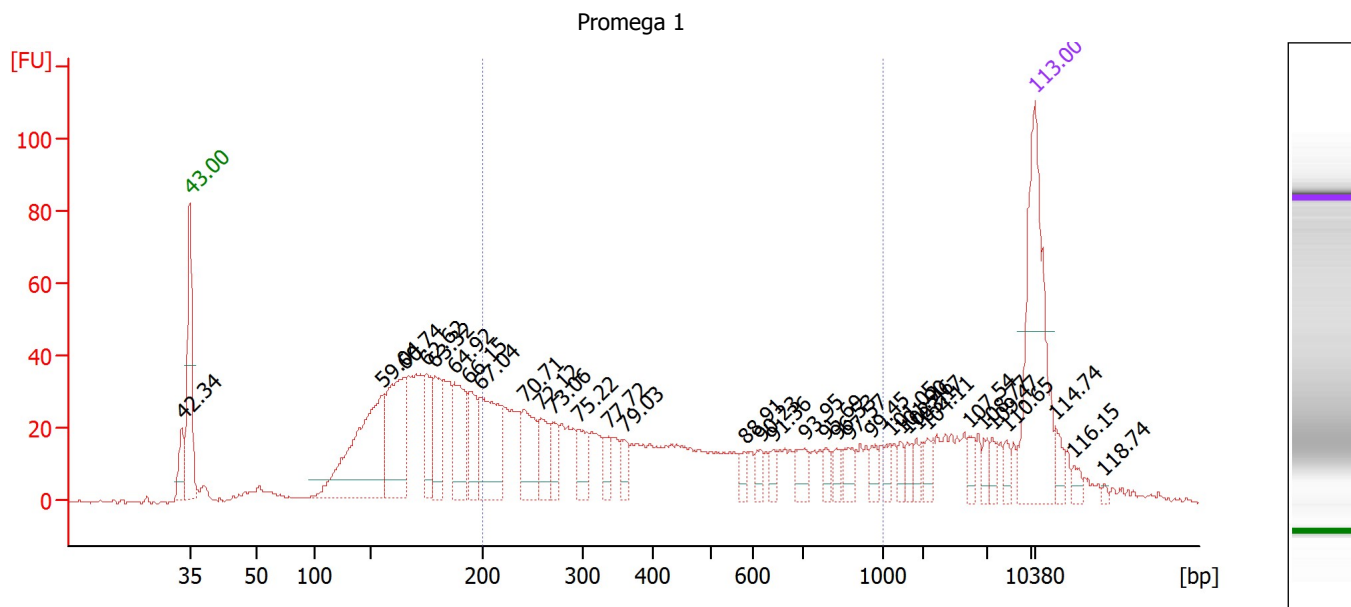
Region table for sample 4 : Promega 1

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	717.9	45	469	48.7	469.85	2,070.3	

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...ciclone test 1\Agilent\Sciclone test 1 e.tag._HS_120514.xad

Created: 5/12/2014 11:24:02 AM
 Modified: 5/12/2014 1:44:29 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : Promega 1

Number of peaks found: 34 Corr. Area 1: 741.8
 Noise: 0.3

Peak table for sample 5 : Promega 1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	33	0.00	0.0	
2	35	125.00	5,411.3	Lower Marker
3	156	128.42	1,250.4	
4	165	81.16	746.4	
5	175	33.61	291.2	
6	179	34.54	292.9	
7	187	49.78	402.7	
8	194	31.49	246.1	
9	199	65.05	496.0	
10	241	35.99	225.9	
11	258	25.50	149.5	
12	270	14.67	82.4	
13	296	16.06	82.3	
14	337	11.94	53.7	
15	359	9.41	39.7	
16	580	6.91	18.0	
17	616	6.54	16.1	
18	643	5.72	13.5	
19	710	11.57	24.7	
20	788	5.92	11.4	
21	826	7.02	12.9	
22	872	9.80	17.0	
23	956	6.47	10.3	
24	1,186	5.49	7.0	
25	1,440	5.01	5.3	
26	1,609	4.89	4.6	

Assay Class: High Sensitivity DNA Assay
Data Path: Z:\...ciclone test 1\Agilent\Sciclone test 1 e.tag._HS_120514.xad

Created: 5/12/2014 11:24:02 AM
Modified: 5/12/2014 1:44:29 PM

Electropherogram Summary Continued ...**... Peak table for sample 5 : Promega 1**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	1,821	4.90	4.1	
28	2,066	6.06	4.4	
29	2,723	5.03	2.8	
30	2,957	4.65	2.4	
31	3,514	4.69	2.0	
32	4,773	4.46	1.4	
33	10,380	75.00	10.9	Upper Marker
34	32,148	0.00	0.0	
35	49,797	0.00	0.0	
36	82,155	0.00	0.0	

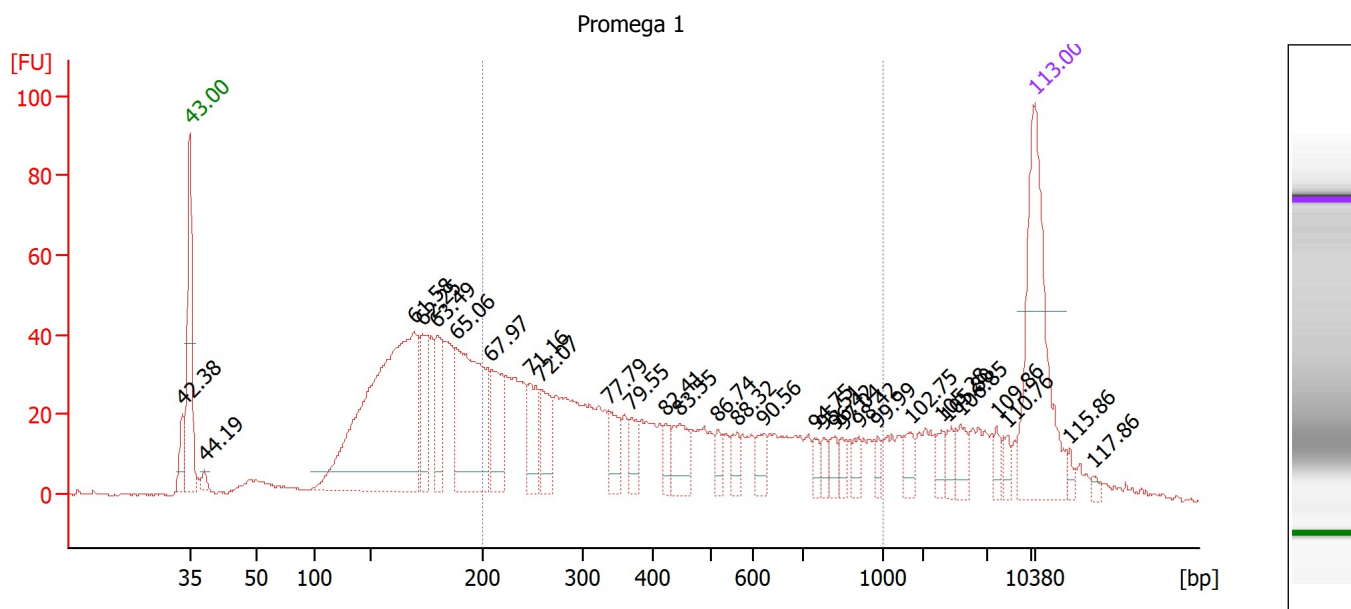
Region table for sample 5 : Promega 1

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	741.8	45	460	49.0	507.98	2,264.2	

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...ciclone test 1\Agilent\Sciclone test 1 e.tag._HS_120514.xad

Created: 5/12/2014 11:24:02 AM
 Modified: 5/12/2014 1:44:29 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : Promega 1

Number of peaks found: 30 Corr. Area 1: 857.0
 Noise: 0.4

Peak table for sample 6 : Promega 1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	33	0.00	0.0	
2	35	125.00	5,411.3	Lower Marker
3	38	5.45	216.3	
4	169	270.62	2,421.7	
5	173	38.58	338.1	
6	180	36.79	310.4	
7	188	121.61	979.8	
8	208	42.63	310.0	
9	247	28.99	177.9	
10	258	27.88	163.8	
11	338	17.78	79.7	
12	368	13.58	55.9	
13	420	9.12	32.9	
14	444	20.12	68.6	
15	515	7.11	20.9	
16	562	8.48	22.8	
17	624	9.53	23.1	
18	746	6.05	12.3	
19	780	5.50	10.7	
20	821	6.70	12.4	
21	848	5.32	9.5	
22	910	6.64	11.1	
23	980	4.91	7.6	
24	1,697	7.29	6.5	
25	2,290	6.37	4.2	
26	2,390	5.51	3.5	

Assay Class: High Sensitivity DNA Assay
Data Path: Z:\...ciclone test 1\Agilent\Sciclone test 1 e.tag._HS_120514.xad

Created: 5/12/2014 11:24:02 AM
Modified: 5/12/2014 1:44:29 PM

Electropherogram Summary Continued ...**... Peak table for sample 6 : Promega 1**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	2,591	9.26	5.4	
28	3,924	5.45	2.1	
29	4,893	5.06	1.6	
30	10,380	75.00	10.9	Upper Marker
31	46,136	0.00	0.0	
32	71,165	0.00	0.0	

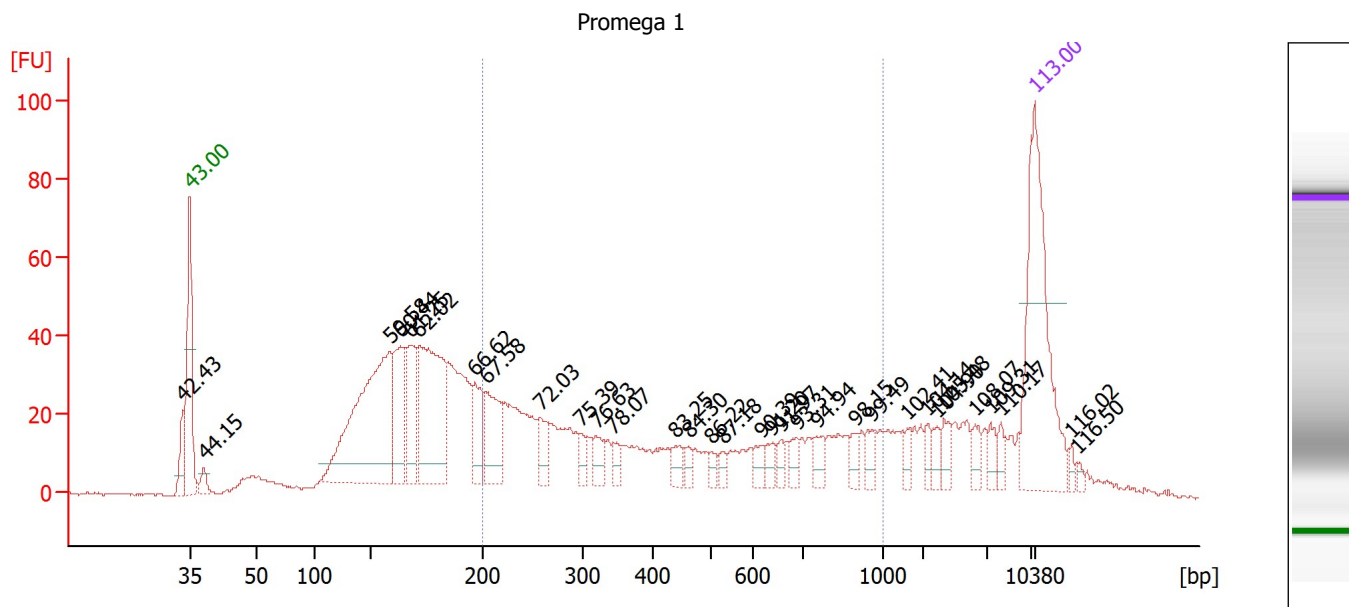
Region table for sample 6 : Promega 1

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	857.0	47	450	48.4	574.50	2,580.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...ciclone test 1\Agilent\Sciclone test 1 e.tag._HS_120514.xad

Created: 5/12/2014 11:24:02 AM
 Modified: 5/12/2014 1:44:29 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : Promega 1

Number of peaks found: 32 Corr. Area 1: 655.4
 Noise: 0.3

Peak table for sample 7 : Promega 1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	33	0.00	0.0	
2	35	125.00	5,411.3	Lower Marker
3	38	8.60	342.1	
4	159	167.05	1,596.9	
5	163	45.57	423.2	
6	168	35.93	324.9	
7	172	109.57	967.0	
8	196	26.45	204.0	
9	204	37.26	277.2	
10	257	15.29	90.0	
11	298	8.42	42.8	
12	318	10.89	51.8	
13	343	6.50	28.7	
14	438	8.36	28.9	
15	460	4.76	15.7	
16	499	4.06	12.3	
17	528	4.55	13.1	
18	620	6.29	15.4	
19	639	6.27	14.9	
20	658	5.18	11.9	
21	690	6.63	14.6	
22	754	7.55	15.2	
23	898	5.79	9.8	
24	958	7.40	11.7	
25	1,594	4.64	4.4	
26	2,071	4.52	3.3	

Assay Class: High Sensitivity DNA Assay
Data Path: Z:\...ciclone test 1\Agilent\Sciclone test 1 e.tag._HS_120514.xad

Created: 5/12/2014 11:24:02 AM
Modified: 5/12/2014 1:44:29 PM

Electropherogram Summary Continued ...**... Peak table for sample 7 : Promega 1**

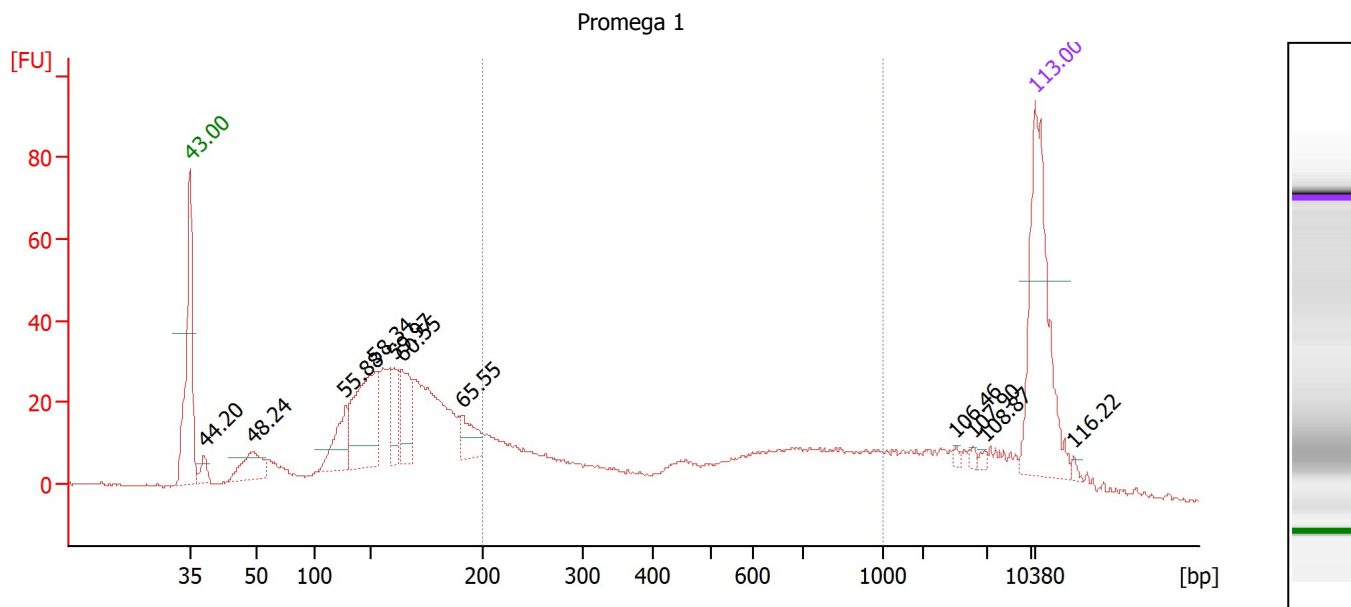
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	2,218	5.11	3.5	
28	2,328	7.00	4.6	
29	2,823	5.69	3.1	
30	3,342	5.55	2.5	
31	4,265	4.46	1.6	
32	10,380	75.00	10.9	Upper Marker
33	48,129	0.00	0.0	
34	54,121	0.00	0.0	

Region table for sample 7 : Promega 1

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	655.4	40	483	49.2	442.08	1,931.8	

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...ciclone test 1\Agilent\Sciclone test 1 e.tag._HS_120514.xad

Created: 5/12/2014 11:24:02 AM
 Modified: 5/12/2014 1:44:29 PM

Electropherogram Summary Continued ...**Overall Results for sample 8 : Promega 1**

Number of peaks found: 11 Corr. Area 1: 352.5
 Noise: 0.3

Peak table for sample 8 : Promega 1

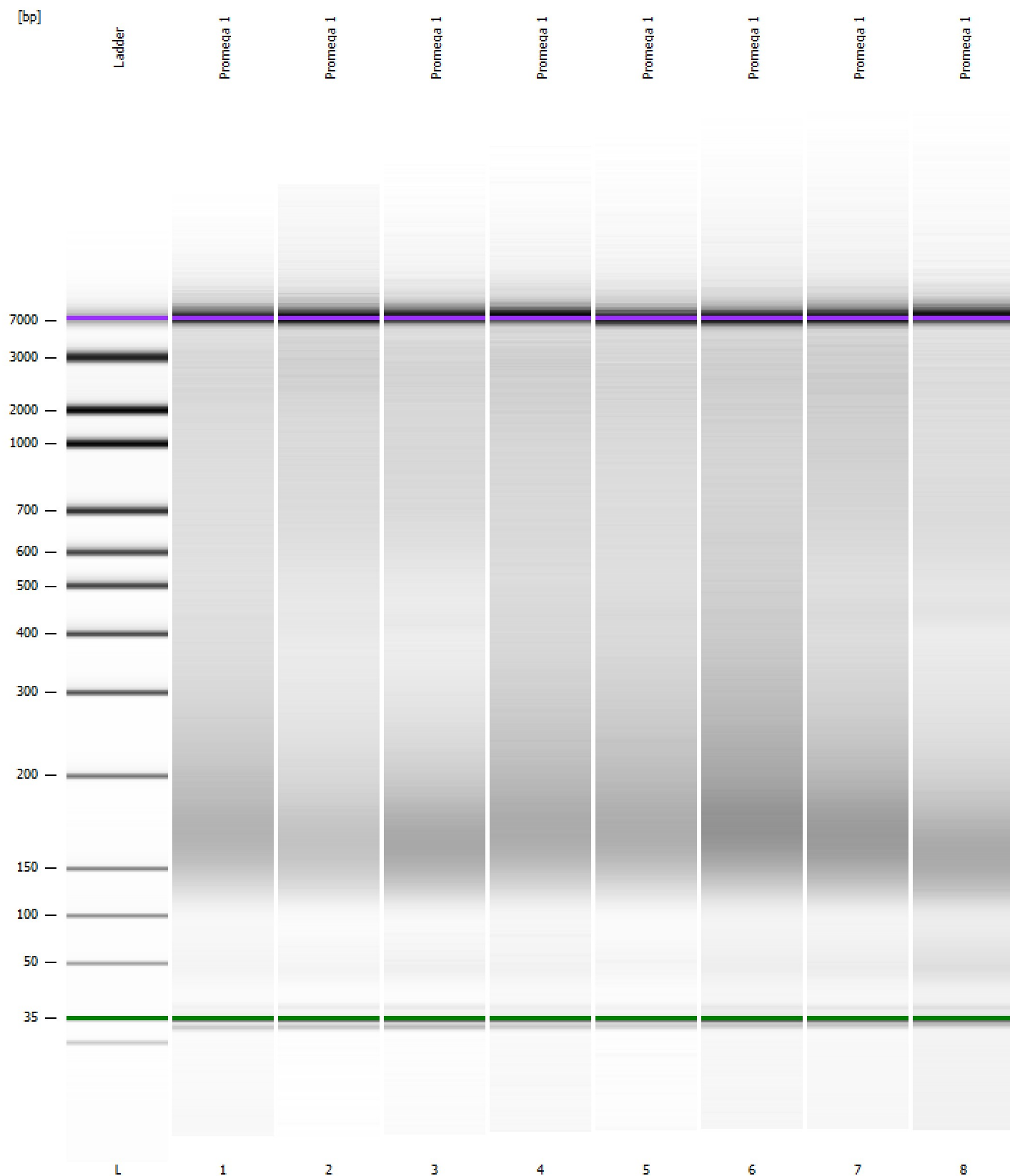
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	38	11.23	445.0	
3	49	29.67	916.1	
4	127	36.67	436.0	
5	152	89.63	894.6	
6	161	28.58	269.6	
7	164	37.01	342.5	
8	191	22.84	181.5	
9	2,516	1.37	0.8	
10	2,792	1.73	0.9	
11	2,976	1.72	0.9	
12	10,380	75.00	10.9	Upper Marker
13	50,664	0.00	0.0	

Region table for sample 8 : Promega 1

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	352.5	33	524	45.8	266.94	1,091.0	Blue

Assay Class: High Sensitivity DNA Assay
Data Path: Z:\...ciclone test 1\Agilent\Sciclone test 1 e.tag._HS_120514.xad

Created: 5/12/2014 11:24:02 AM
Modified: 5/12/2014 1:44:29 PM

Gel Image

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...ciclone test 1\Agilent\Sciclone test 1 e.tag._HS_120514.xad

Created: 5/12/2014 11:24:02 AM
 Modified: 5/12/2014 1:44:29 PM

Run Logbook

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 3 (Number of wells acquired: 12)		Instrument	Run		5/12/2014 12:05:24 PM	(GMT +02:00) Romance Standard Time	linda	agilent1
Run started on port 3 (File: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\Secured Area\Data\dsDNA\DNA 1000 Pico\High Sensitivity DNA\2100 expert_High Sensitivity DNA Assay_DE72905 258_2014-05-12_11-23-54.xad)		Instrument	Run		5/12/2014 11:24:07 AM	(GMT +02:00) Romance Standard Time	linda	agilent1
Product Number : G2938C		Instrument	Run		5/12/2014 11:24:07 AM	(GMT +02:00) Romance Standard Time	linda	agilent1
Name :		Instrument	Run		5/12/2014 11:24:07 AM	(GMT +02:00) Romance Standard Time	linda	agilent1
Vendor : Agilent Technologies		Instrument	Run		5/12/2014 11:24:07 AM	(GMT +02:00) Romance Standard Time	linda	agilent1
Serial# : DE72905258		Instrument	Run		5/12/2014 11:24:07 AM	(GMT +02:00) Romance Standard Time	linda	agilent1
Firmware : C.01.069		Instrument	Run		5/12/2014 11:24:07 AM	(GMT +02:00) Romance Standard Time	linda	agilent1
Cartridge : Electrode		Instrument	Run		5/12/2014 11:24:07 AM	(GMT +02:00) Romance Standard Time	linda	agilent1