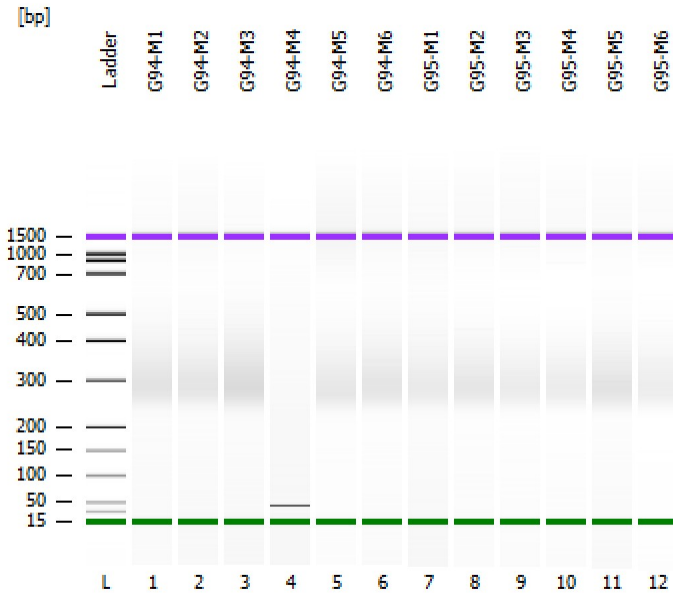


Assay Class: DNA 1000
Data Path: C:\...axman_12-3-2013 from Sherry\Waxman Library B 2013-10-28.xad

Created: 10/28/2013 2:12:54 PM
Modified: 10/29/2013 3:02:06 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE72901059 Firmware: C.01.069
Serial#: DE72901059 Type: G2939A

Assay Information:

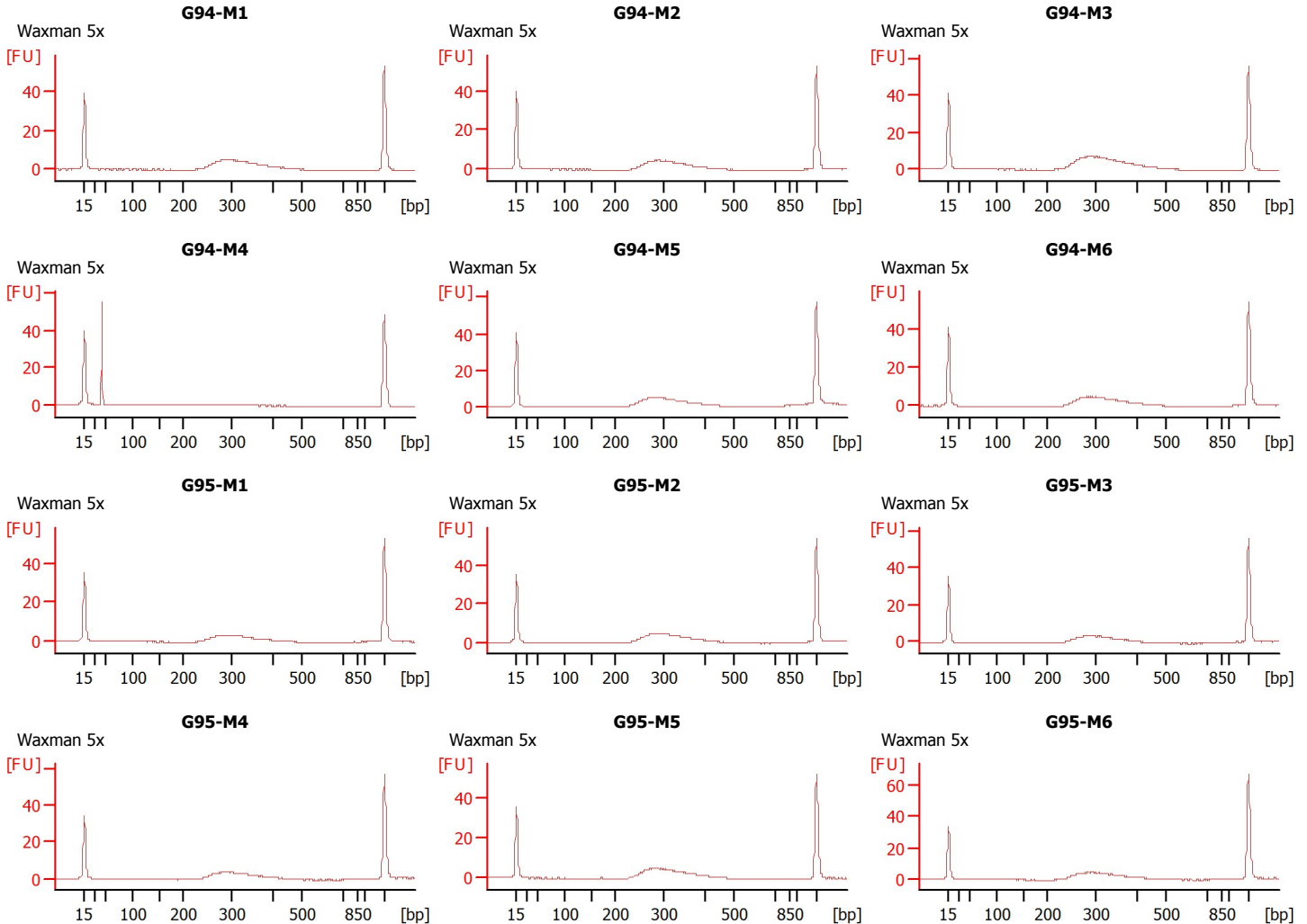
Assay Origin Path: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\DNA 1000 Series II.xsy

Assay Class: DNA 1000
Version: 2.3
Assay Comments: DNA Analysis 25 -1000 bp

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Chip Information:

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



Assay Class: DNA 1000
 Data Path: C:\...axman_12-3-2013 from Sherry\Waxman Library B 2013-10-28.xad

Created: 10/28/2013 2:12:54 PM
 Modified: 10/29/2013 3:02:06 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Sta tus	Observation	Result Label	Result Color
G94-M1	Waxman 5x	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
G94-M2	Waxman 5x	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
G94-M3	Waxman 5x	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
G94-M4	Waxman 5x	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
G94-M5	Waxman 5x	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
G94-M6	Waxman 5x	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
G95-M1	Waxman 5x	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
G95-M2	Waxman 5x	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
G95-M3	Waxman 5x	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
G95-M4	Waxman 5x	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
G95-M5	Waxman 5x	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
G95-M6	Waxman 5x	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Ladder		<input type="checkbox"/>	<input checked="" type="checkbox"/>			

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: DNA 1000
Data Path: C:\...axman_12-3-2013 from Sherry\Waxman Library B 2013-10-28.xad

Created: 10/28/2013 2:12:54 PM
Modified: 10/29/2013 3:02:06 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 13
Minimum Visible Range [s] : 30
Maximum Visible Range [s] : 129
Start Analysis Time Range [s] : 30
End Analysis Time Range [s] : 128.95
Ladder Concentration [ng/ μ l] : 44
Uses Standard Area for Ladder Fragments
Lower Marker Concentration [ng/ μ l] : 4.2
Upper Marker Concentration [ng/ μ l] : 2.1
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] : 30
Integration End Time [s] : 128.95
Slope Threshold : 0.5
Height Threshold [FU] : 20
Area Threshold : 0.1
Width Threshold [s] : 0.5
Baseline Plateau [s] : 0.5

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

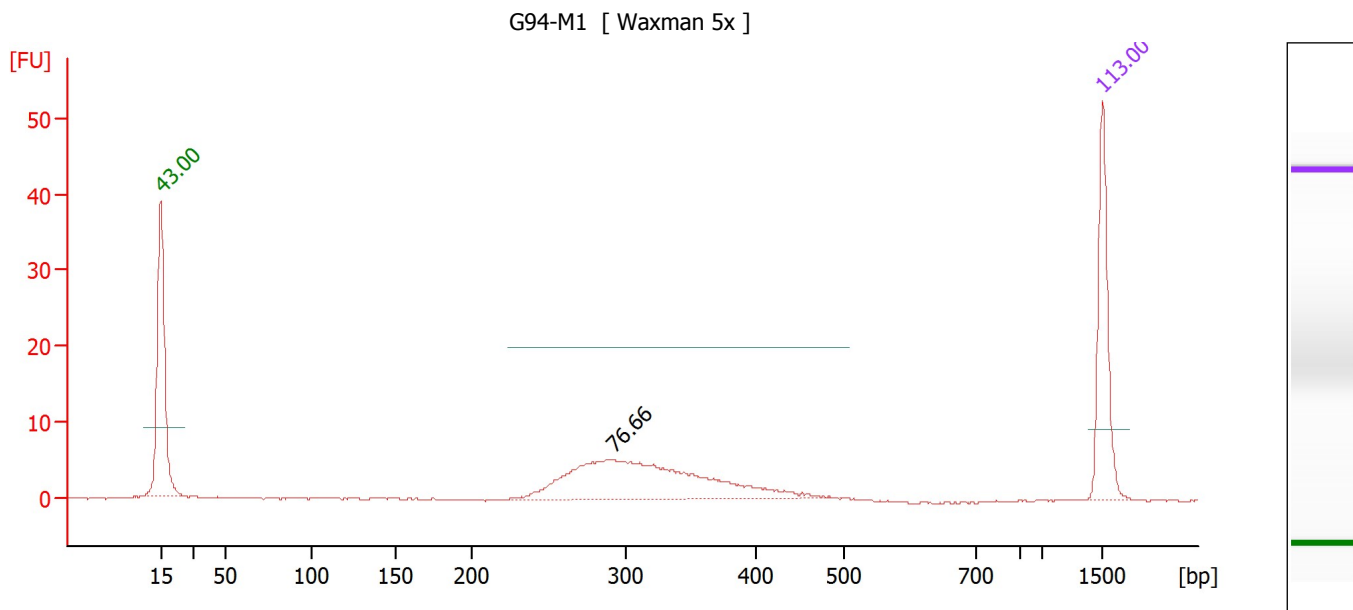
Ladder

Ladder Peak	Size	Area
1	15	25
2	25	26
3	50	34
4	100	41
5	150	45
6	200	52
7	300	63
8	400	76
9	500	83
10	700	88
11	850	86
12	1000	90
13	1500	52

Assay Class: DNA 1000
 Data Path: C:\...axman_12-3-2013 from Sherry\Waxman Library B 2013-10-28.xad

Created: 10/28/2013 2:12:54 PM
 Modified: 10/29/2013 3:02:06 PM

Electropherogram Summary



Overall Results for sample 1 : G94-M1

Number of peaks found: 1

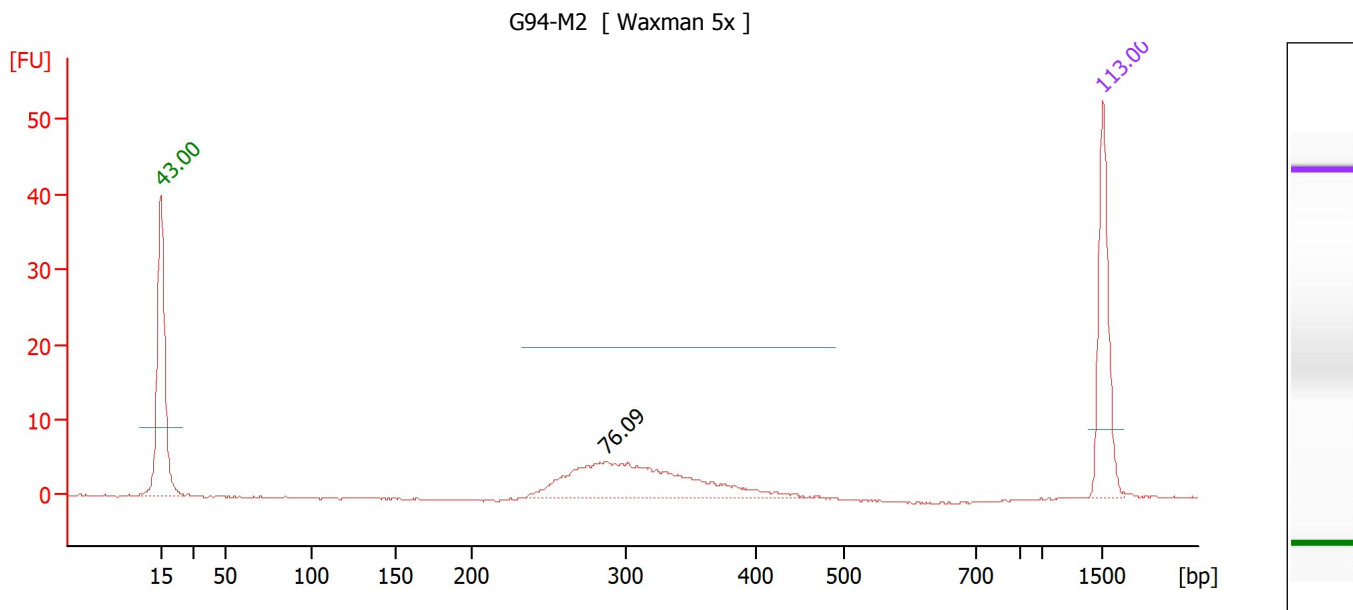
Peak table for sample 1 : G94-M1

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	292	4.72	24.5	
3	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
 Data Path: C:\...axman_12-3-2013 from Sherry\Waxman Library B 2013-10-28.xad

Created: 10/28/2013 2:12:54 PM
 Modified: 10/29/2013 3:02:06 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : G94-M2

Number of peaks found: 1

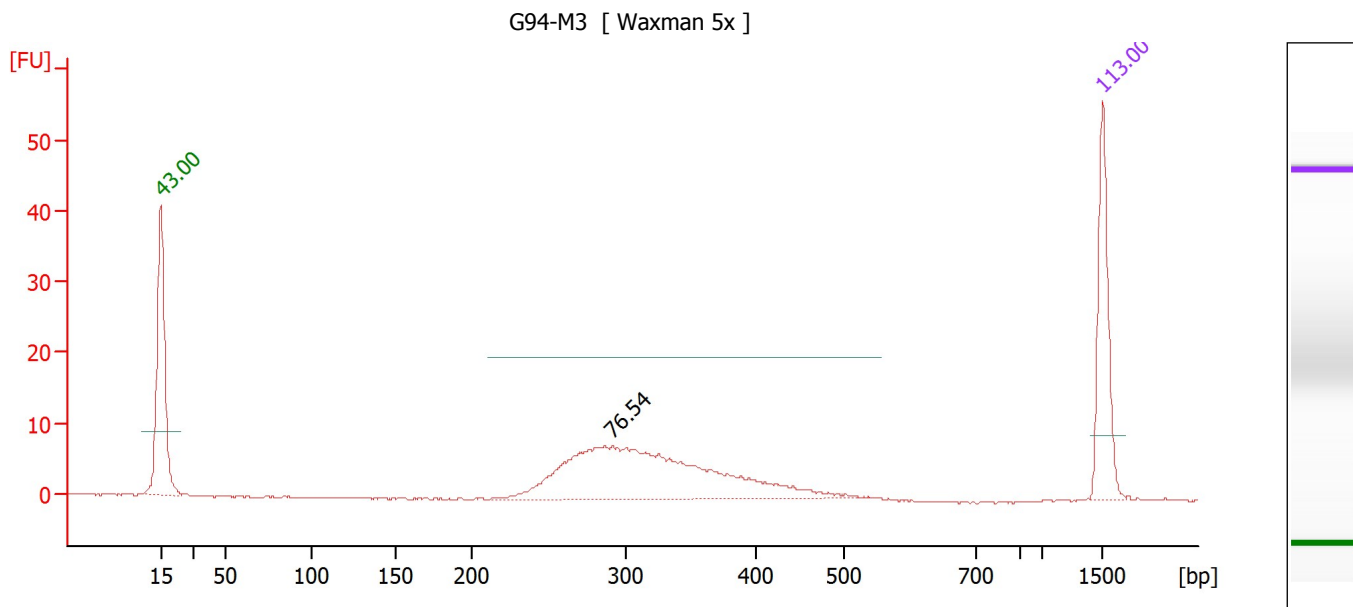
Peak table for sample 2 : G94-M2

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	287	3.90	20.6	
3	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
 Data Path: C:\...axman_12-3-2013 from Sherry\Waxman Library B 2013-10-28.xad

Created: 10/28/2013 2:12:54 PM
 Modified: 10/29/2013 3:02:06 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : G94-M3

Number of peaks found: 1

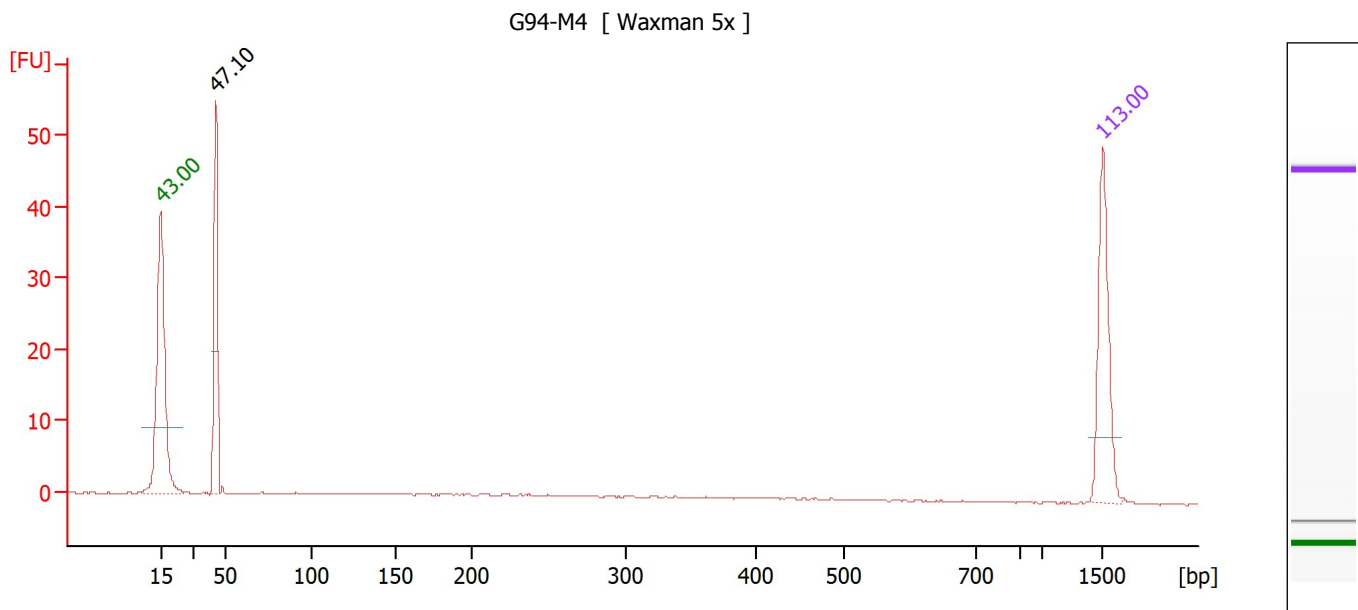
Peak table for sample 3 : G94-M3

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	291	6.58	34.2	
3	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
 Data Path: C:\...axman_12-3-2013 from Sherry\Waxman Library B 2013-10-28.xad

Created: 10/28/2013 2:12:54 PM
 Modified: 10/29/2013 3:02:06 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : G94-M4

Number of peaks found: 1

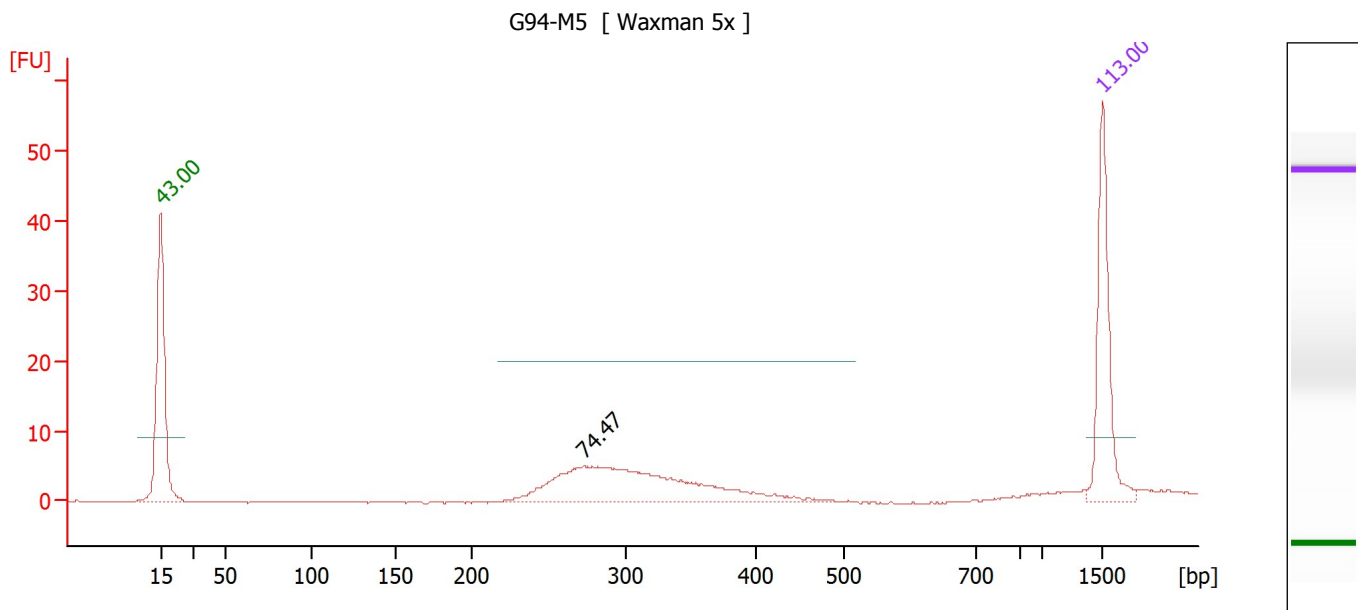
Peak table for sample 4 : G94-M4

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	43	2.29	81.7	
3	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
 Data Path: C:\...axman_12-3-2013 from Sherry\Waxman Library B 2013-10-28.xad

Created: 10/28/2013 2:12:54 PM
 Modified: 10/29/2013 3:02:06 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : G94-M5

Number of peaks found: 1

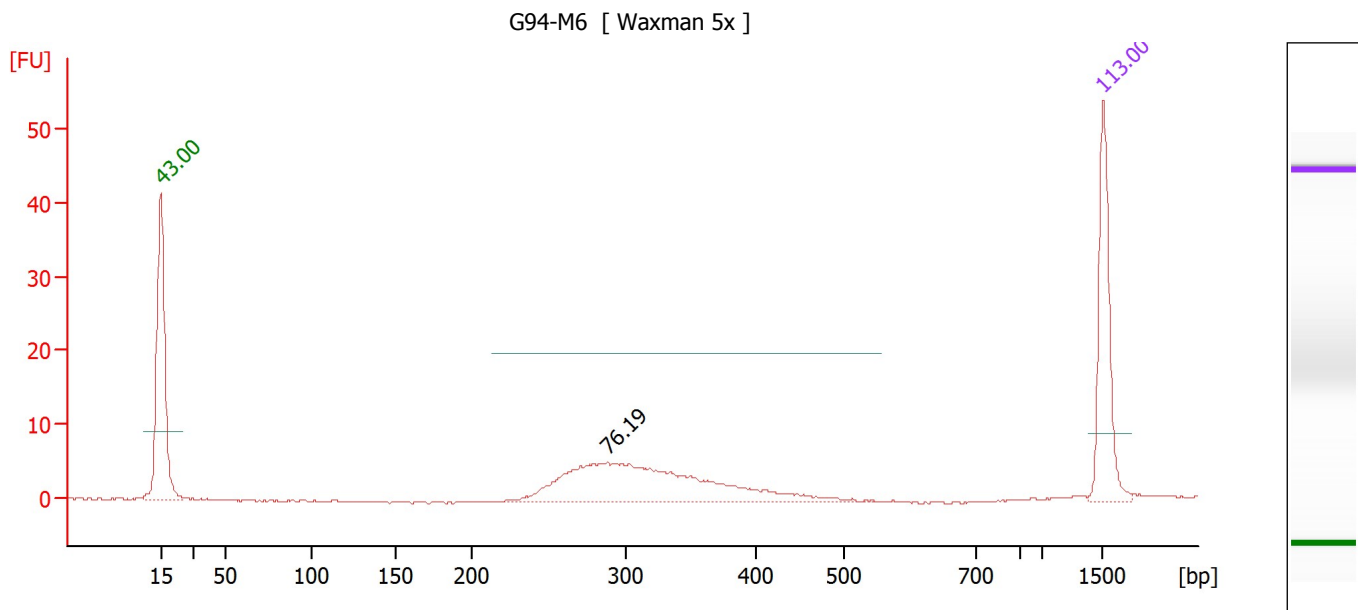
Peak table for sample 5 : G94-M5

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	273	3.63	20.1	
3	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
 Data Path: C:\...axman_12-3-2013 from Sherry\Waxman Library B 2013-10-28.xad

Created: 10/28/2013 2:12:54 PM
 Modified: 10/29/2013 3:02:06 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : G94-M6

Number of peaks found: 1

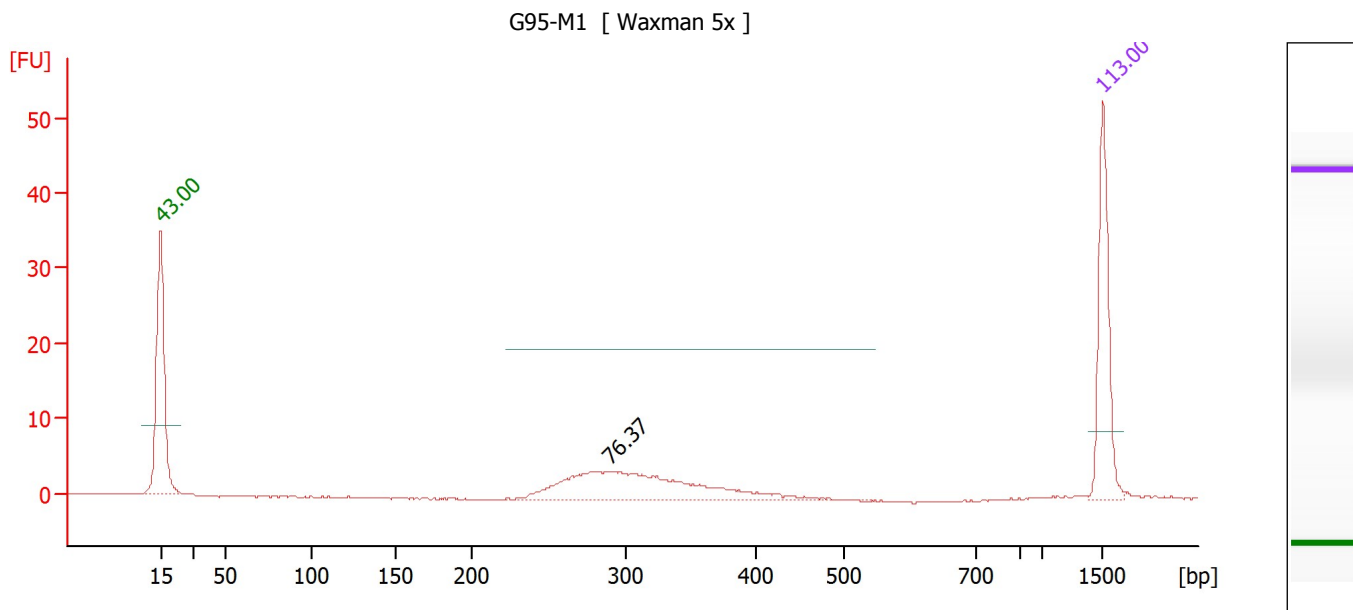
Peak table for sample 6 : G94-M6

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	288	4.49	23.6	
3	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
 Data Path: C:\...axman_12-3-2013 from Sherry\Waxman Library B 2013-10-28.xad

Created: 10/28/2013 2:12:54 PM
 Modified: 10/29/2013 3:02:06 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : G95-M1

Number of peaks found: 1

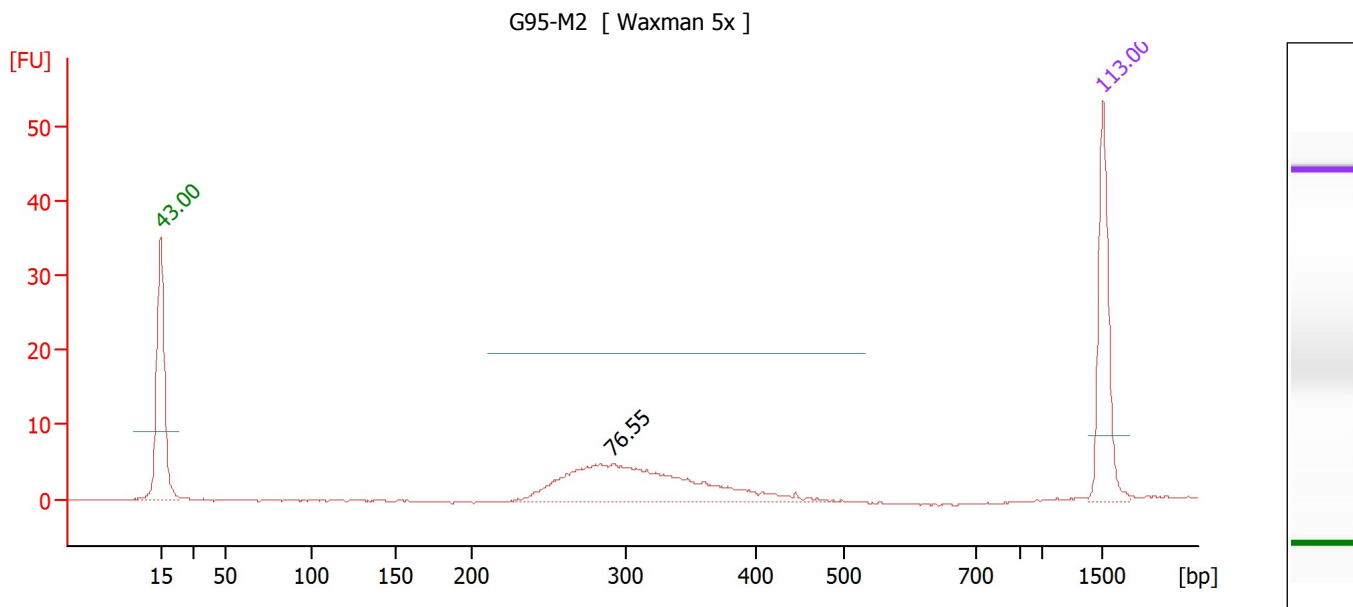
Peak table for sample 7 : G95-M1

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	290	3.32	17.4	
3	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
 Data Path: C:\...axman_12-3-2013 from Sherry\Waxman Library B 2013-10-28.xad

Created: 10/28/2013 2:12:54 PM
 Modified: 10/29/2013 3:02:06 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : G95-M2

Number of peaks found: 1

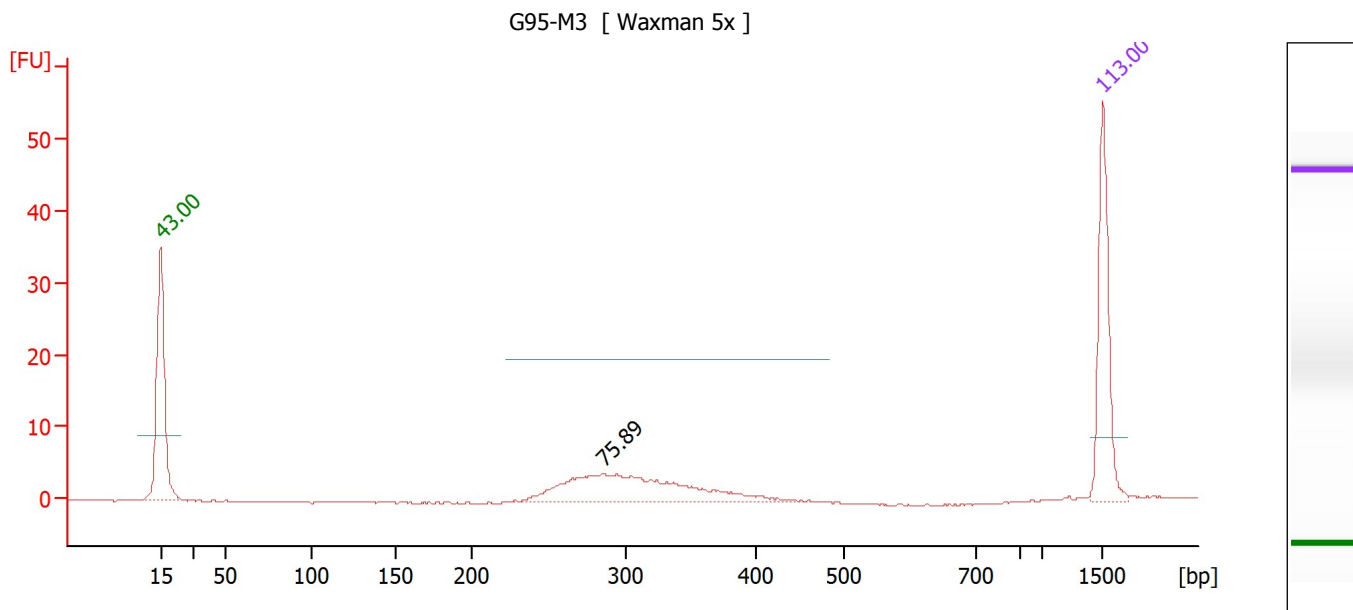
Peak table for sample 8 : G95-M2

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	291	4.20	21.8	
3	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
 Data Path: C:\...axman_12-3-2013 from Sherry\Waxman Library B 2013-10-28.xad

Created: 10/28/2013 2:12:54 PM
 Modified: 10/29/2013 3:02:06 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : G95-M3

Number of peaks found: 1

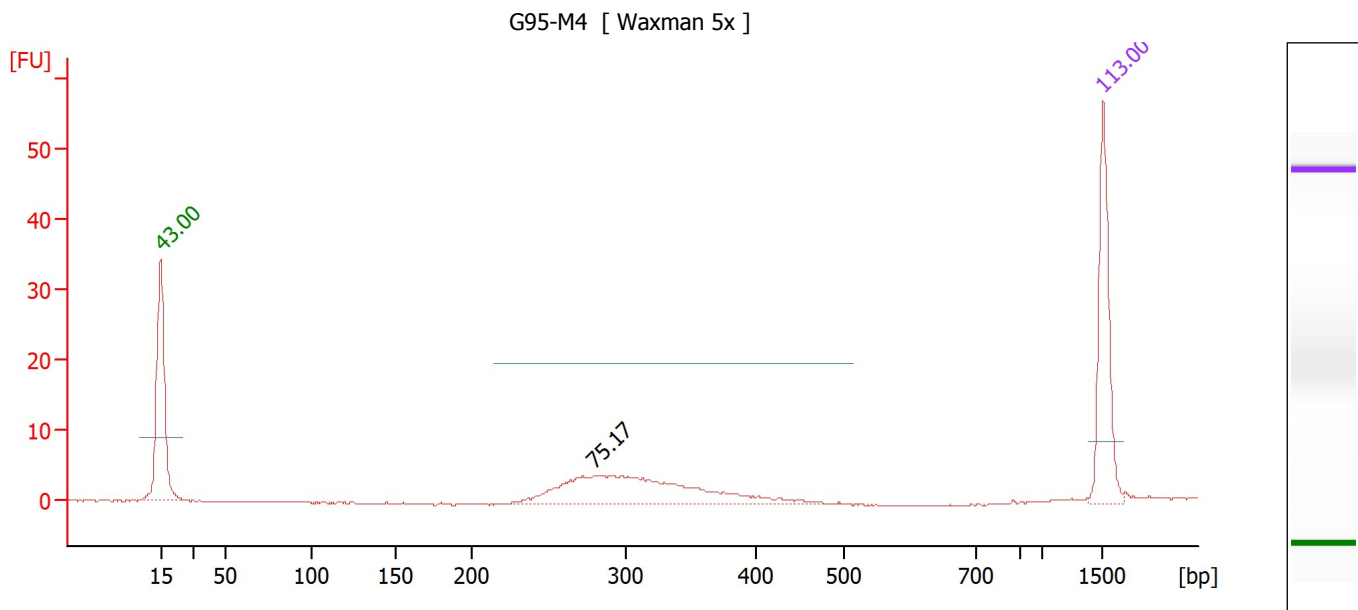
Peak table for sample 9 : G95-M3

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	285	3.03	16.1	
3	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
 Data Path: C:\...axman_12-3-2013 from Sherry\Waxman Library B 2013-10-28.xad

Created: 10/28/2013 2:12:54 PM
 Modified: 10/29/2013 3:02:06 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : G95-M4

Number of peaks found: 1

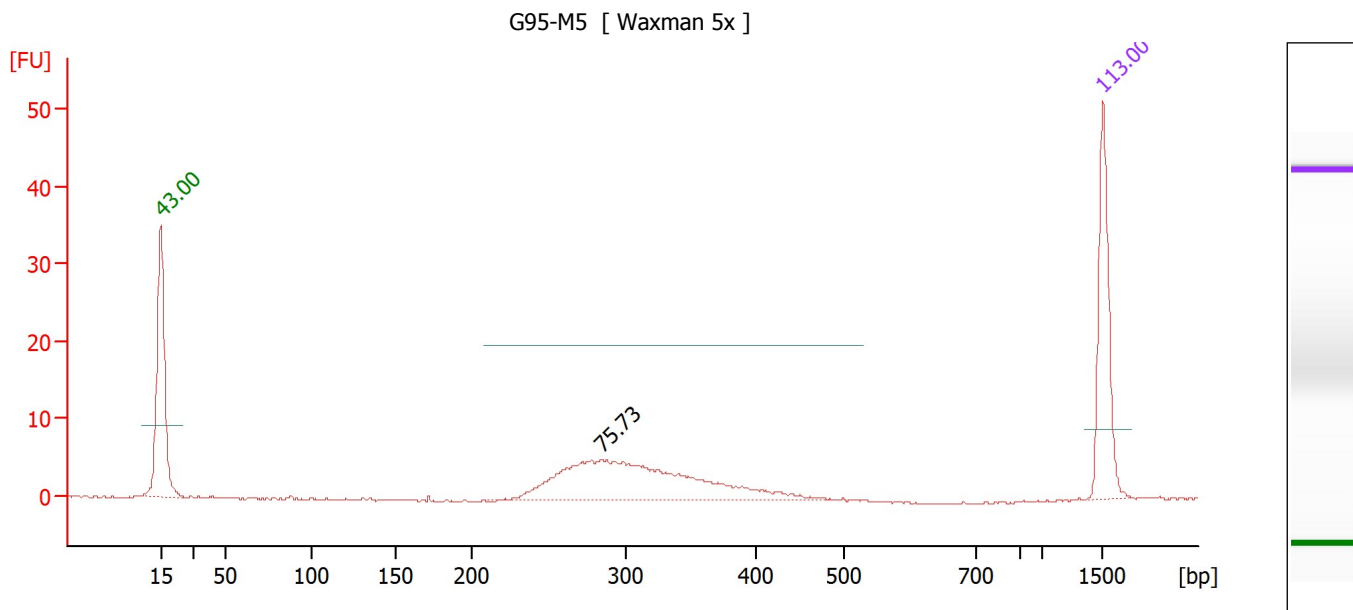
Peak table for sample 10 : G95-M4

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	279	3.47	18.9	
3	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
 Data Path: C:\...axman_12-3-2013 from Sherry\Waxman Library B 2013-10-28.xad

Created: 10/28/2013 2:12:54 PM
 Modified: 10/29/2013 3:02:06 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : G95-M5

Number of peaks found: 1

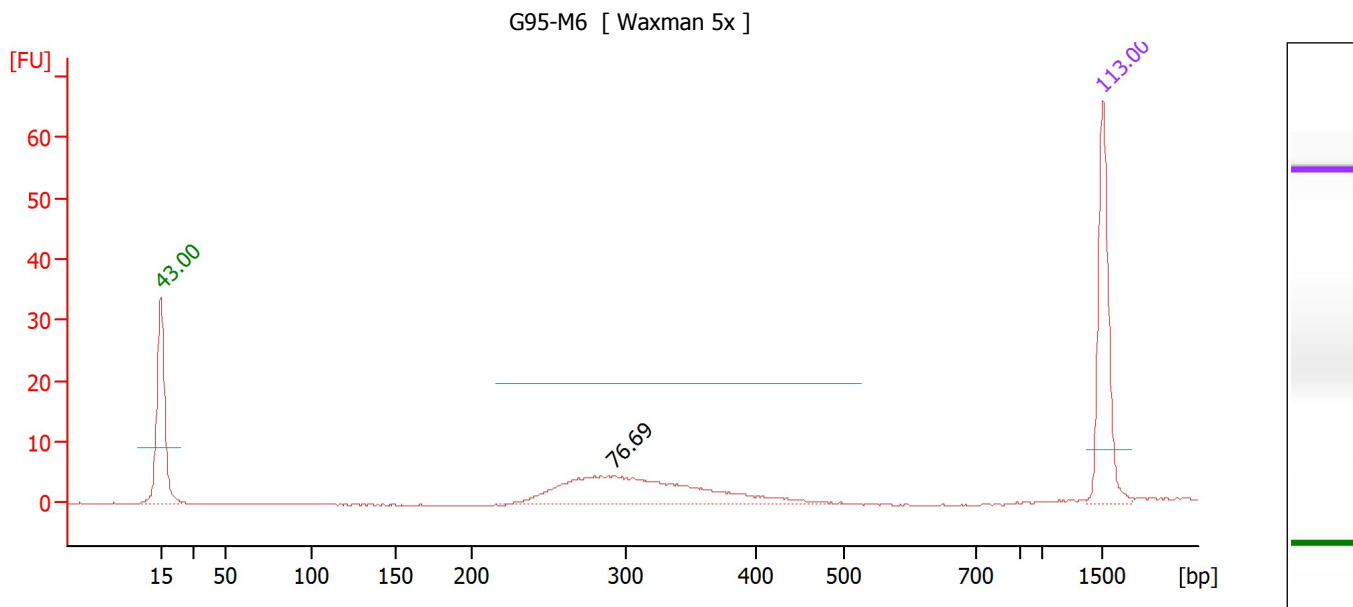
Peak table for sample 11 : G95-M5

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	284	4.73	25.2	
3	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
 Data Path: C:\...axman_12-3-2013 from Sherry\Waxman Library B 2013-10-28.xad

Created: 10/28/2013 2:12:54 PM
 Modified: 10/29/2013 3:02:06 PM

Electropherogram Summary Continued ...



Overall Results for sample 12 : G95-M6

Number of peaks found: 1

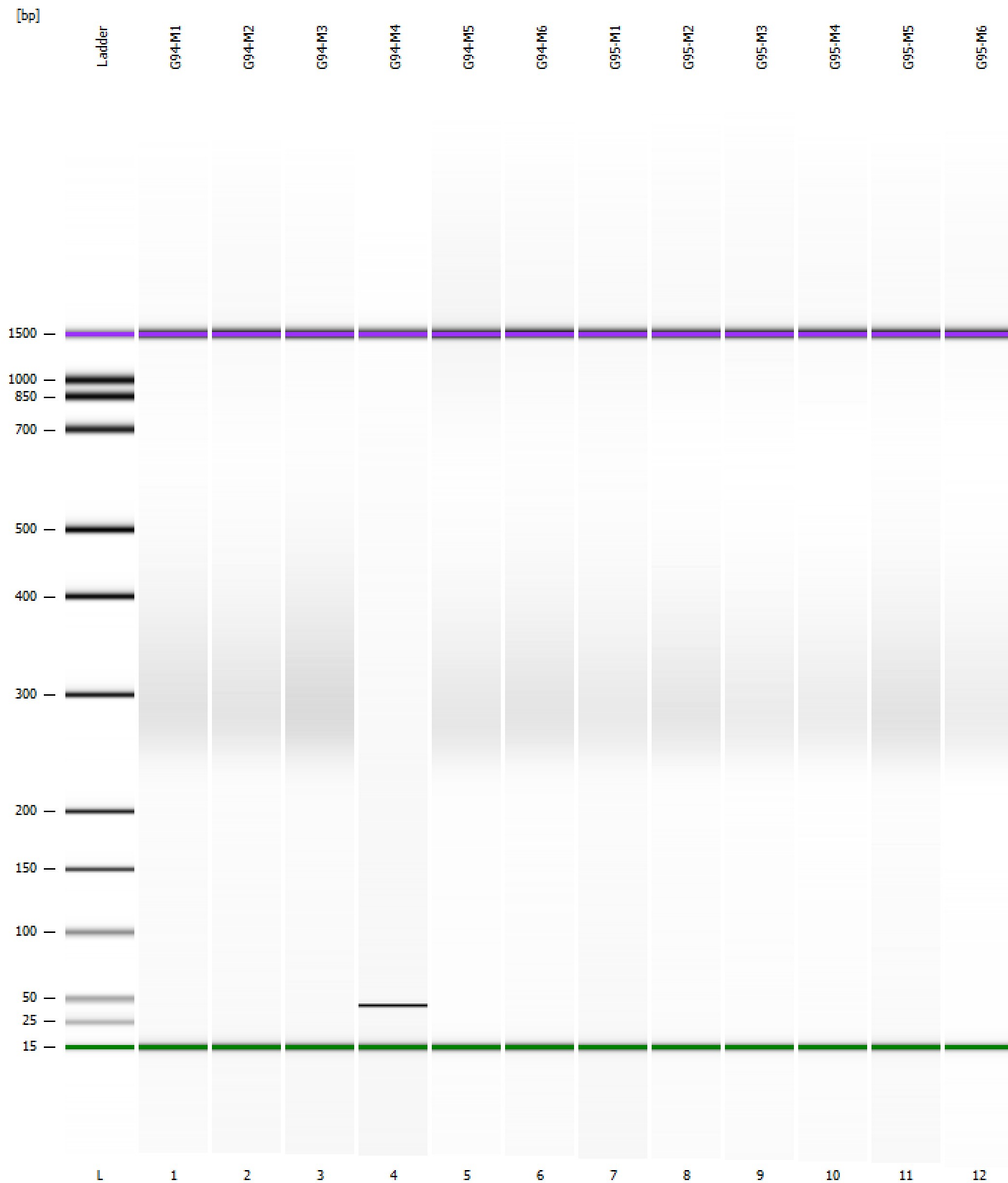
Peak table for sample 12 : G95-M6

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	292	3.25	16.9	
3	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...axman_12-3-2013 from Sherry\Waxman Library B 2013-10-28.xad

Created: 10/28/2013 2:12:54 PM
Modified: 10/29/2013 3:02:06 PM

Gel Image

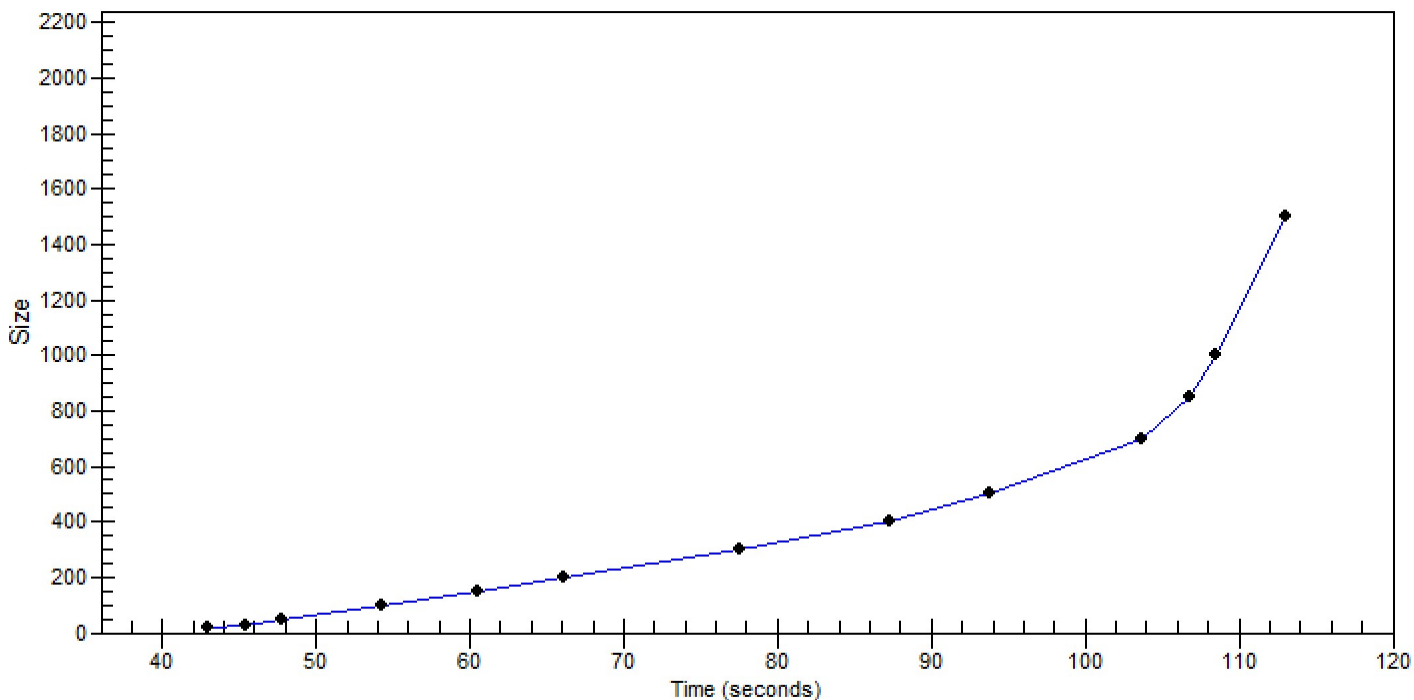


Assay Class: DNA 1000
Data Path: C:\...axman_12-3-2013 from Sherry\Waxman Library B 2013-10-28.xad

Created: 10/28/2013 2:12:54 PM
Modified: 10/29/2013 3:02:06 PM

Curves

Standard Curve



Assay Class: DNA 1000 Created: 10/28/2013 2:12:54 PM
 Data Path: C:\...axman_12-3-2013 from Sherry\Waxman Library B 2013-10-28.xad Modified: 10/29/2013 3:02:06 PM

Run Logbook

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 13)		Instrument	Run		10/28/2013 2:54:38 PM	(GMT --04:00) Eastern Standard Time	admin	Datasystem01
Run started on port 1 (File: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\Data\2013-10-28\2100 expert_DNA 1000_DE72901059_2013-10-28_14-12-54.xad)		Instrument	Run		10/28/2013 2:12:59 PM	(GMT --04:00) Eastern Standard Time	admin	Datasystem01
Product Number : G2939A		Instrument	Run		10/28/2013 2:12:59 PM	(GMT --04:00) Eastern Standard Time	admin	Datasystem01
Name :		Instrument	Run		10/28/2013 2:12:59 PM	(GMT --04:00) Eastern Standard Time	admin	Datasystem01
Vendor : Agilent Technologies		Instrument	Run		10/28/2013 2:12:59 PM	(GMT --04:00) Eastern Standard Time	admin	Datasystem01
Serial# : DE72901059		Instrument	Run		10/28/2013 2:12:59 PM	(GMT --04:00) Eastern Standard Time	admin	Datasystem01
Firmware : C.01.069		Instrument	Run		10/28/2013 2:12:59 PM	(GMT --04:00) Eastern Standard Time	admin	Datasystem01
Cartridge : Electrode		Instrument	Run		10/28/2013 2:12:59 PM	(GMT --04:00) Eastern Standard Time	admin	Datasystem01