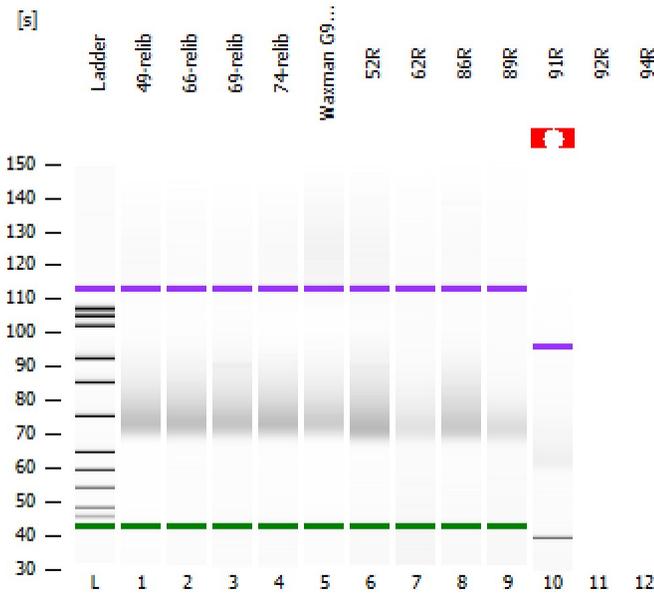


Assay Class: DNA 1000
Data Path: C:\...3 from Sherry\HL re do Library for B8 Waxman 2013-10-30.xad

Created: 10/30/2013 3:15:43 PM
Modified: 10/31/2013 9:53:46 AM

Electrophoresis File Run Summary



Instrument Information:

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

Assay Information:

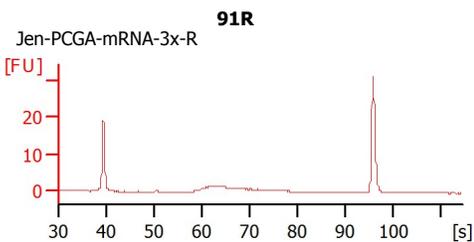
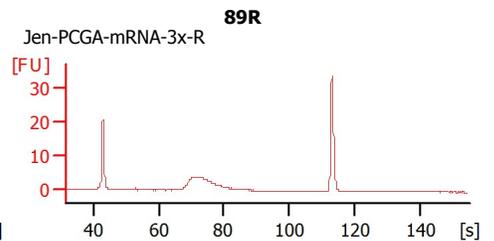
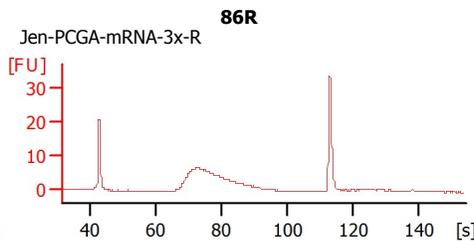
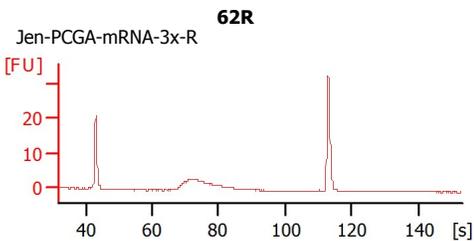
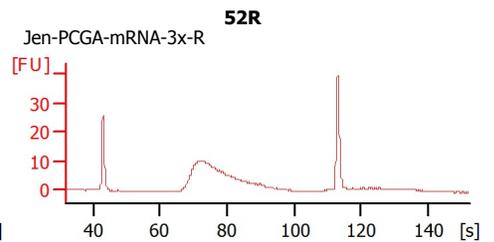
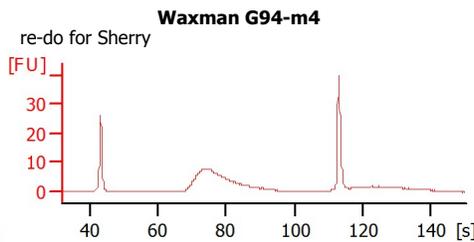
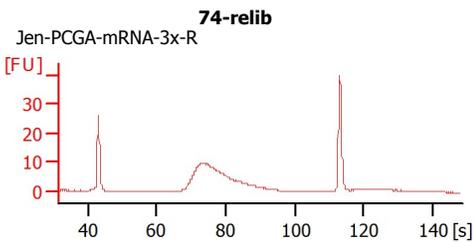
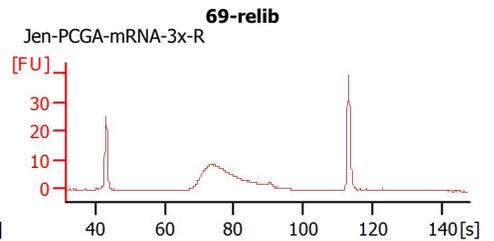
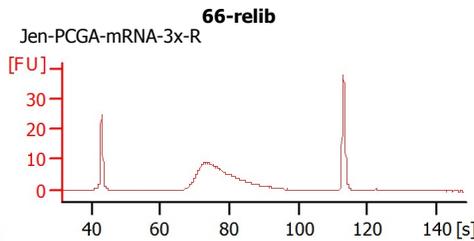
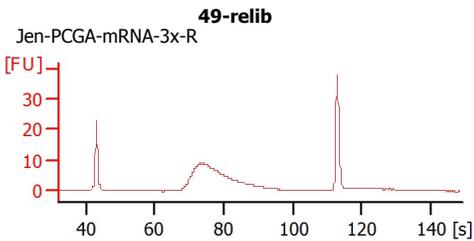
Assay Origin Path: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\DNA 1000 Series II.xsy

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:\...3 from Sherry\HL re do Library for B8 Waxman 2013-10-30.xad

Created: 10/30/2013 3:15:43 PM
 Modified: 10/31/2013 9:53:46 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Sta tus	Observation	Result Label	Result Color
49-relib	Jen-PCGA-mRNA-3x-R	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
66-relib	Jen-PCGA-mRNA-3x-R	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
69-relib	Jen-PCGA-mRNA-3x-R	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
74-relib	Jen-PCGA-mRNA-3x-R	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Waxman G94-m4	re-do for Sherry	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
52R	Jen-PCGA-mRNA-3x-R	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
62R	Jen-PCGA-mRNA-3x-R	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
86R	Jen-PCGA-mRNA-3x-R	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
89R	Jen-PCGA-mRNA-3x-R	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
91R	Jen-PCGA-mRNA-3x-R	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
92R	Jen-PCGA-mRNA-3x-R	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
94R	Jen-PCGA-mRNA-3x-R	<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:\...3 from Sherry\HL re do Library for B8 Waxman 2013-10-30.xad

Created: 10/30/2013 3:15:43 PM
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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/μl] : 44
 Uses Standard Area for Ladder Fragments
 Lower Marker Concentration [ng/μl] : 4.2
 Upper Marker Concentration [ng/μl] : 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

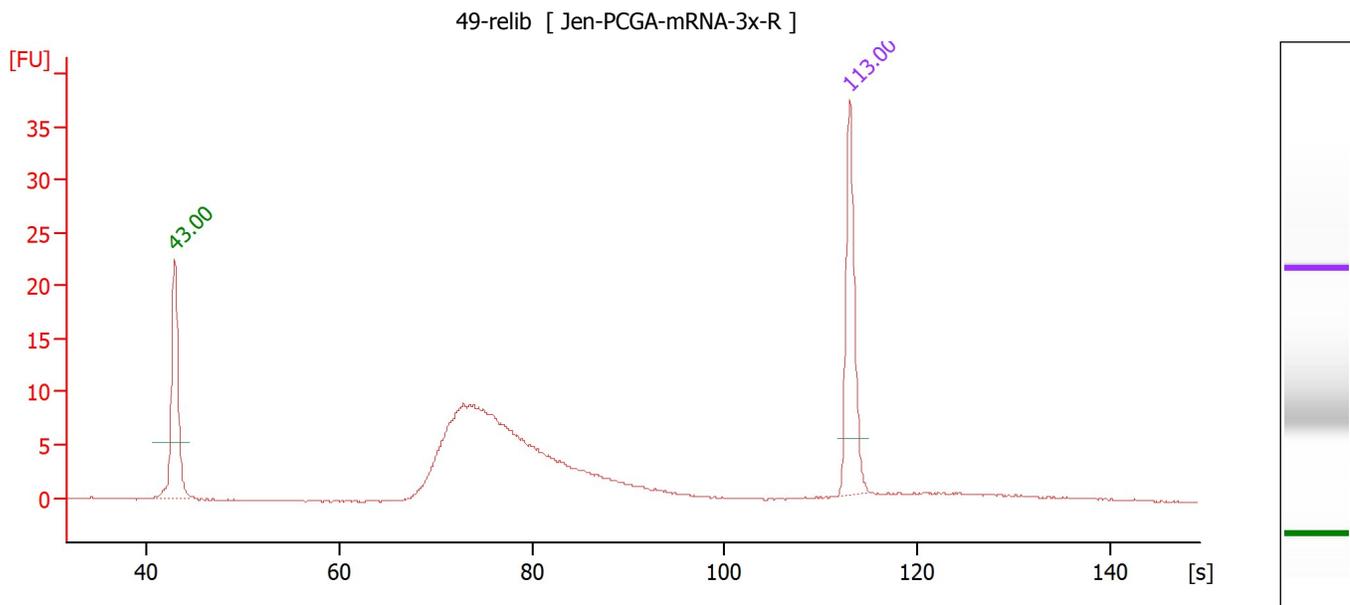
Ladder

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:\...3 from Sherry\HL re do Library for B8 Waxman 2013-10-30.xad

Created: 10/30/2013 3:15:43 PM
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Electropherogram Summary



Overall Results for sample 1 : 49-relib

Number of peaks found: 0

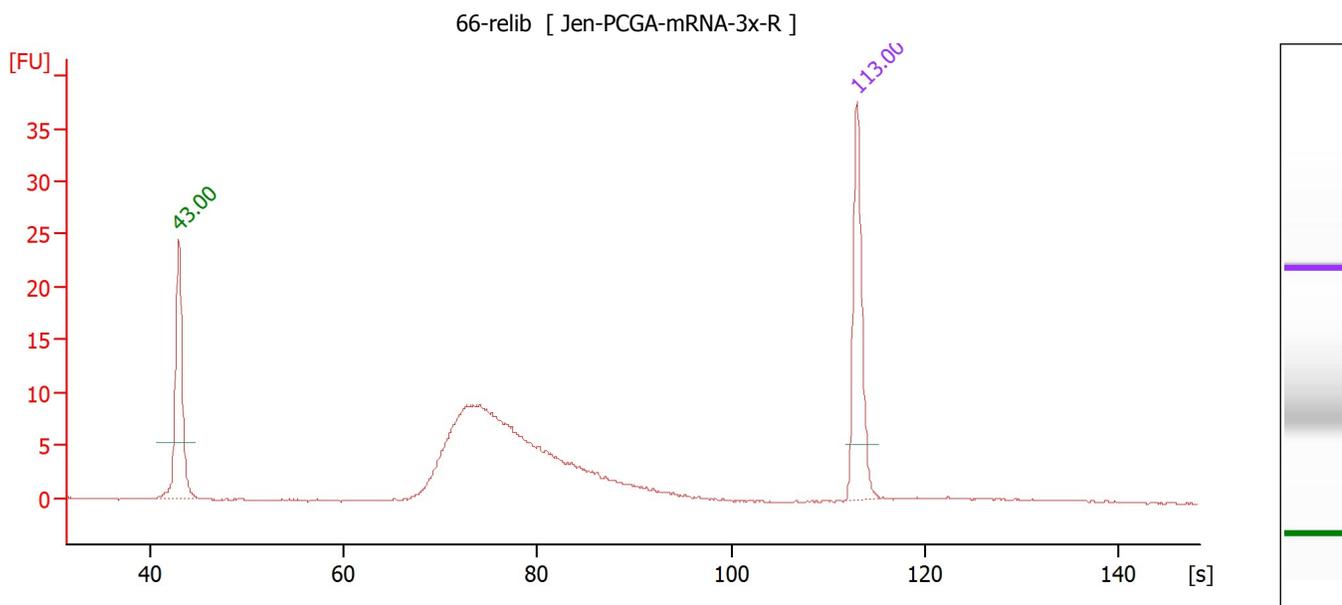
Peak table for sample 1 : 49-relib

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

Assay Class: DNA 1000
 Data Path: C:\...3 from Sherry\HL re do Library for B8 Waxman 2013-10-30.xad

Created: 10/30/2013 3:15:43 PM
 Modified: 10/31/2013 9:53:46 AM

Electropherogram Summary Continued ...



Overall Results for sample 2 : 66-relib

Number of peaks found: 0

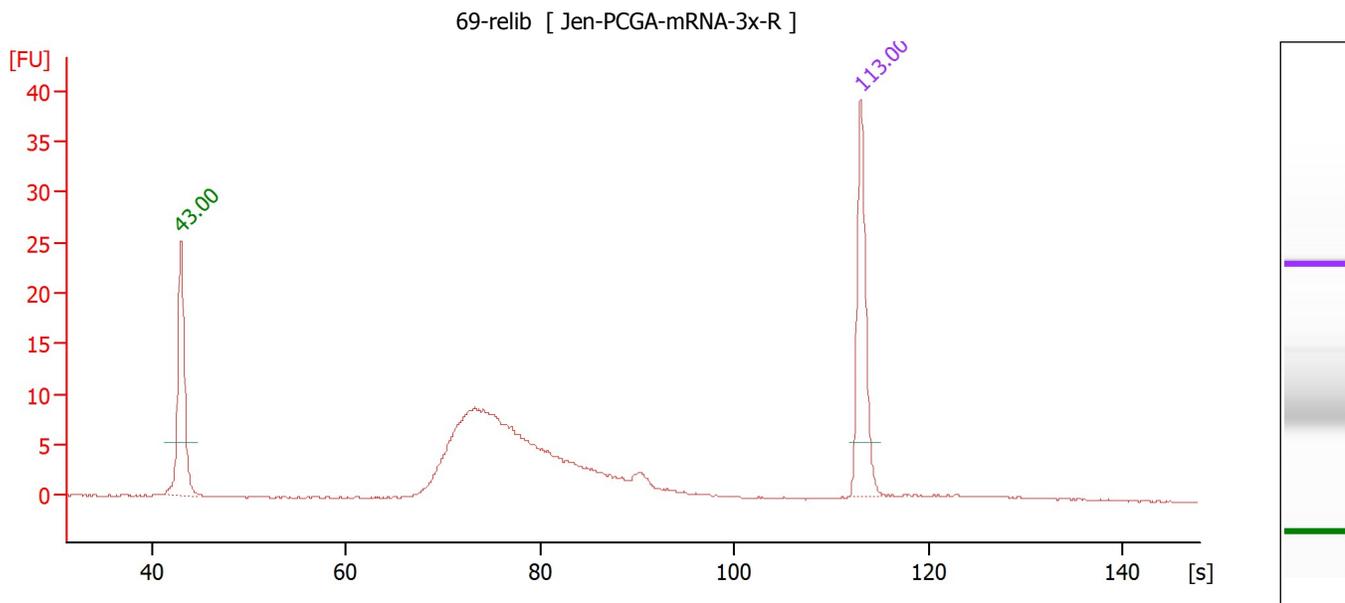
Peak table for sample 2 : 66-relib

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

Assay Class: DNA 1000
 Data Path: C:\...3 from Sherry\HL re do Library for B8 Waxman 2013-10-30.xad

Created: 10/30/2013 3:15:43 PM
 Modified: 10/31/2013 9:53:46 AM

Electropherogram Summary Continued ...



Overall Results for sample 3 : 69-relib

Number of peaks found: 0

Peak table for sample 3 : 69-relib

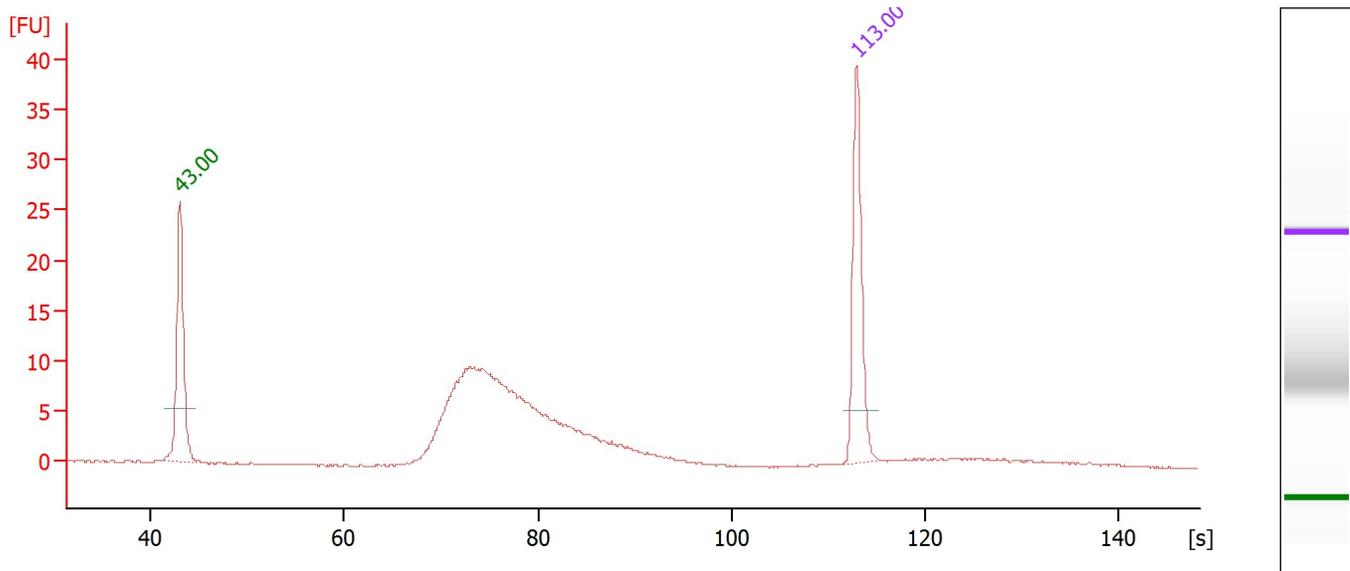
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
 Data Path: C:\...3 from Sherry\HL re do Library for B8 Waxman 2013-10-30.xad

Created: 10/30/2013 3:15:43 PM
 Modified: 10/31/2013 9:53:46 AM

Electropherogram Summary Continued ...

74-relib [Jen-PCGA-mRNA-3x-R]



Overall Results for sample 4 : 74-relib

Number of peaks found: 0

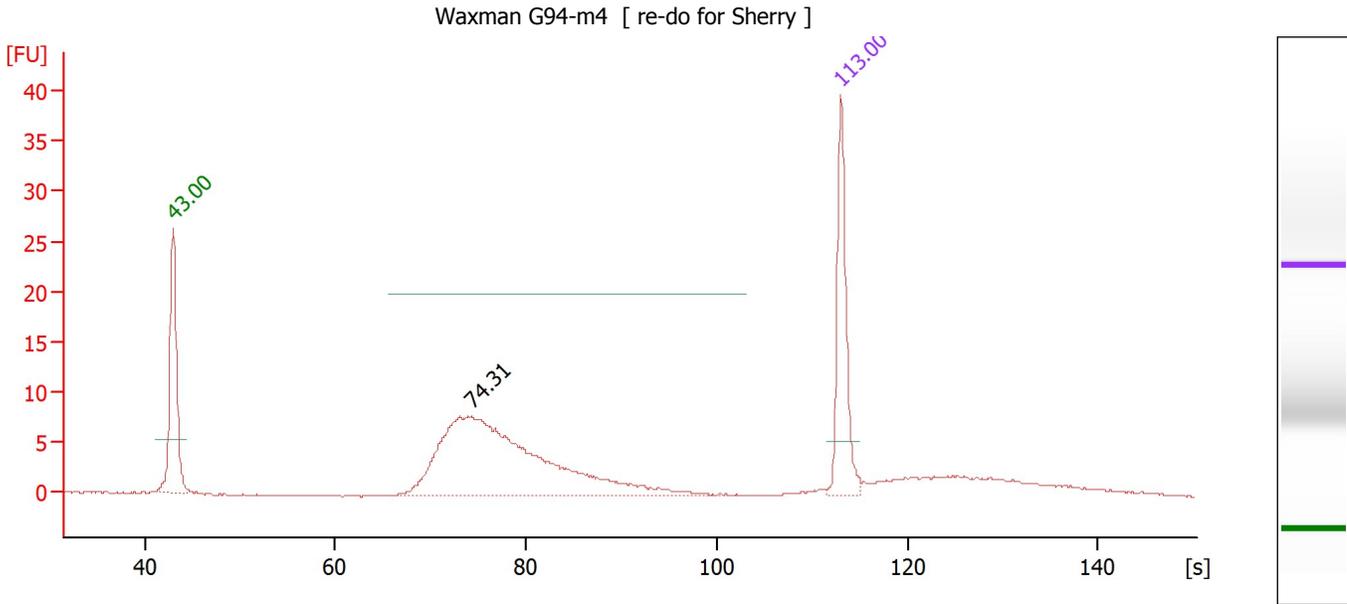
Peak table for sample 4 : 74-relib

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

Assay Class: DNA 1000
 Data Path: C:\...3 from Sherry\HL re do Library for B8 Waxman 2013-10-30.xad

Created: 10/30/2013 3:15:43 PM
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Electropherogram Summary Continued ...



Overall Results for sample 5 : Waxman G94-m4

Number of peaks found: 1

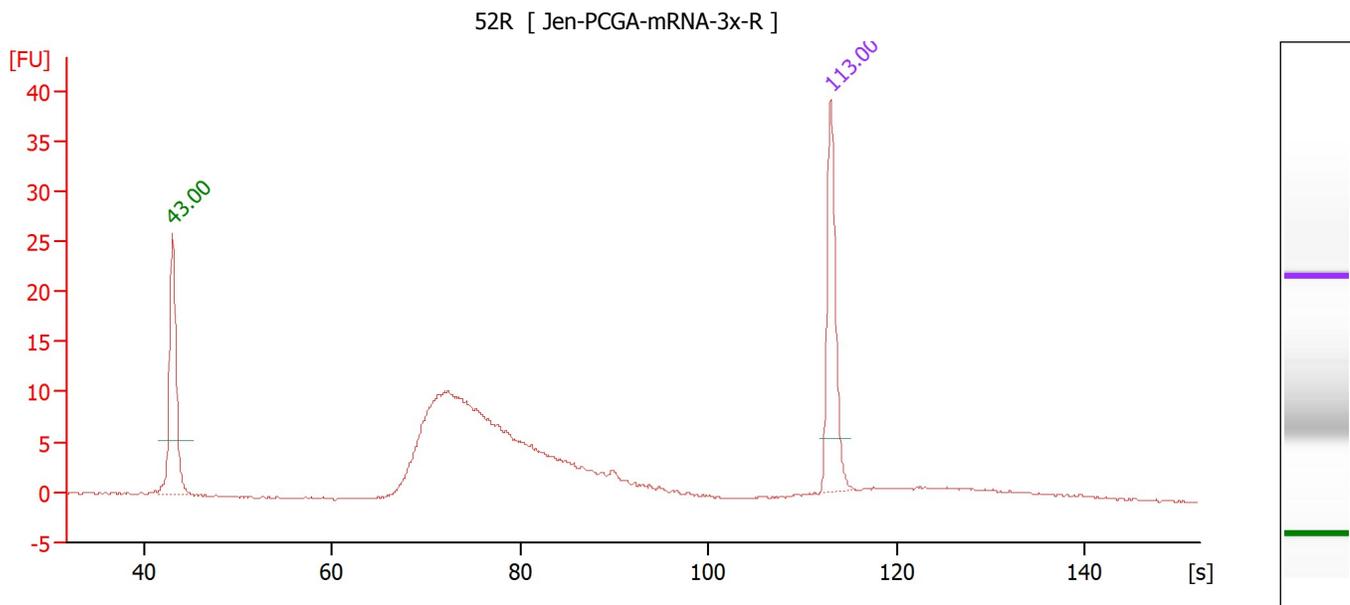
Peak table for sample 5 : Waxman G94-m4

Peak	Size [bp]	Conc. [ng/µl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	290	7.50	39.3	
3	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
 Data Path: C:\...3 from Sherry\HL re do Library for B8 Waxman 2013-10-30.xad

Created: 10/30/2013 3:15:43 PM
 Modified: 10/31/2013 9:53:46 AM

Electropherogram Summary Continued ...



Overall Results for sample 6 : 52R

Number of peaks found: 0

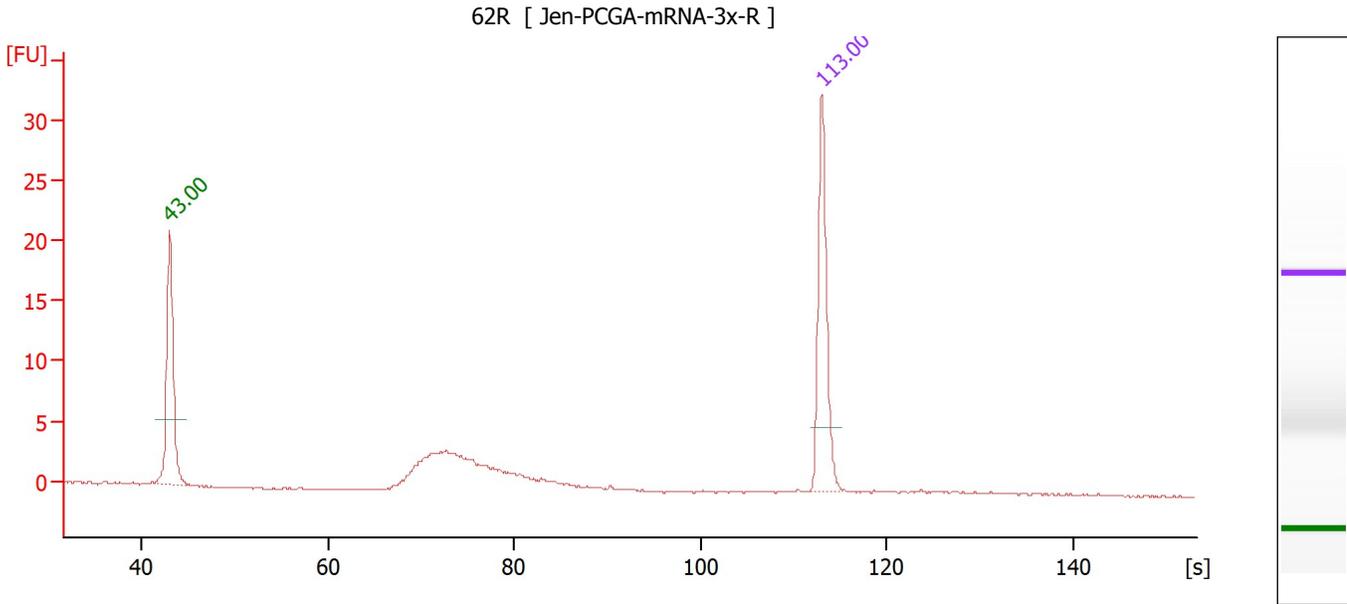
Peak table for sample 6 : 52R

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

Assay Class: DNA 1000
 Data Path: C:\...3 from Sherry\HL re do Library for B8 Waxman 2013-10-30.xad

Created: 10/30/2013 3:15:43 PM
 Modified: 10/31/2013 9:53:46 AM

Electropherogram Summary Continued ...



Overall Results for sample 7 : 62R

Number of peaks found: 0

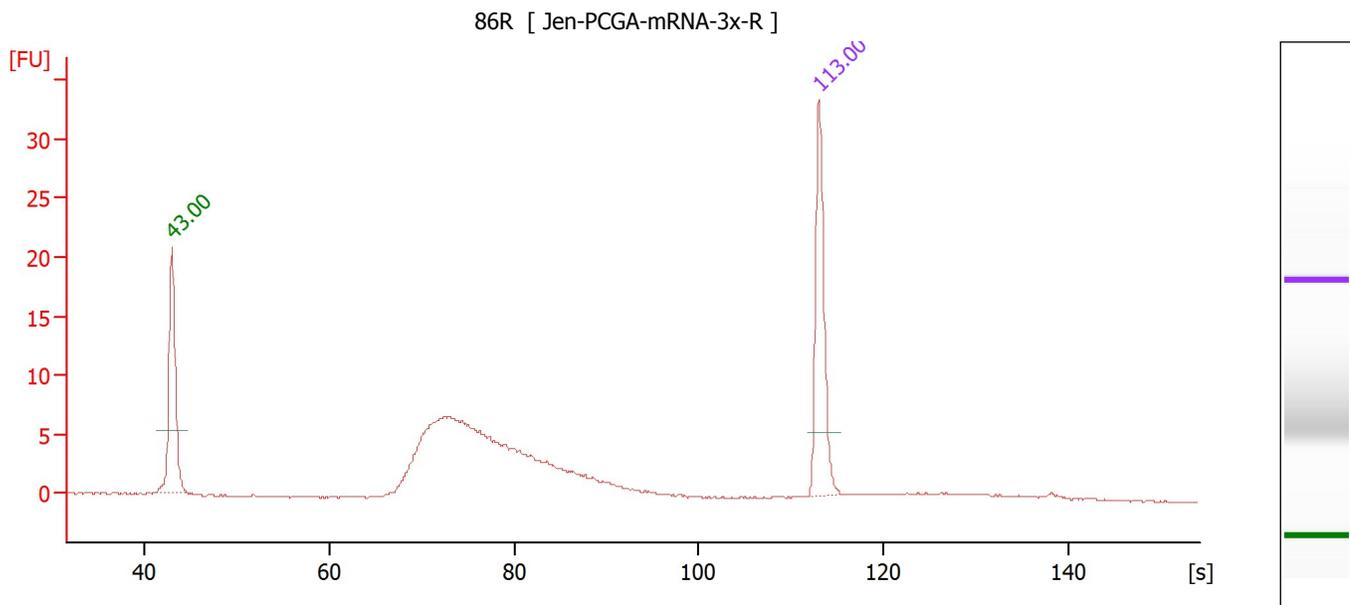
Peak table for sample 7 : 62R

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

Assay Class: DNA 1000
 Data Path: C:\...3 from Sherry\HL re do Library for B8 Waxman 2013-10-30.xad

Created: 10/30/2013 3:15:43 PM
 Modified: 10/31/2013 9:53:46 AM

Electropherogram Summary Continued ...



Overall Results for sample 8 : 86R

Number of peaks found: 0

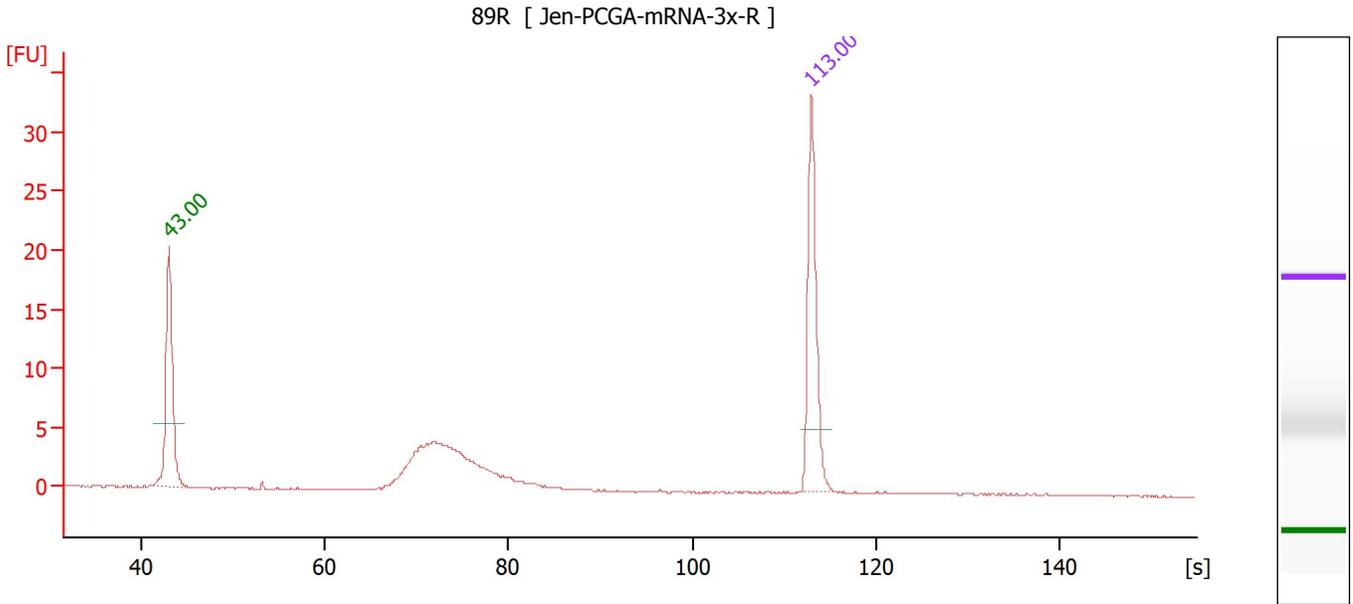
Peak table for sample 8 : 86R

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

Assay Class: DNA 1000
 Data Path: C:\...3 from Sherry\HL re do Library for B8 Waxman 2013-10-30.xad

Created: 10/30/2013 3:15:43 PM
 Modified: 10/31/2013 9:53:46 AM

Electropherogram Summary Continued ...



Overall Results for sample 9 : 89R

Number of peaks found: 0

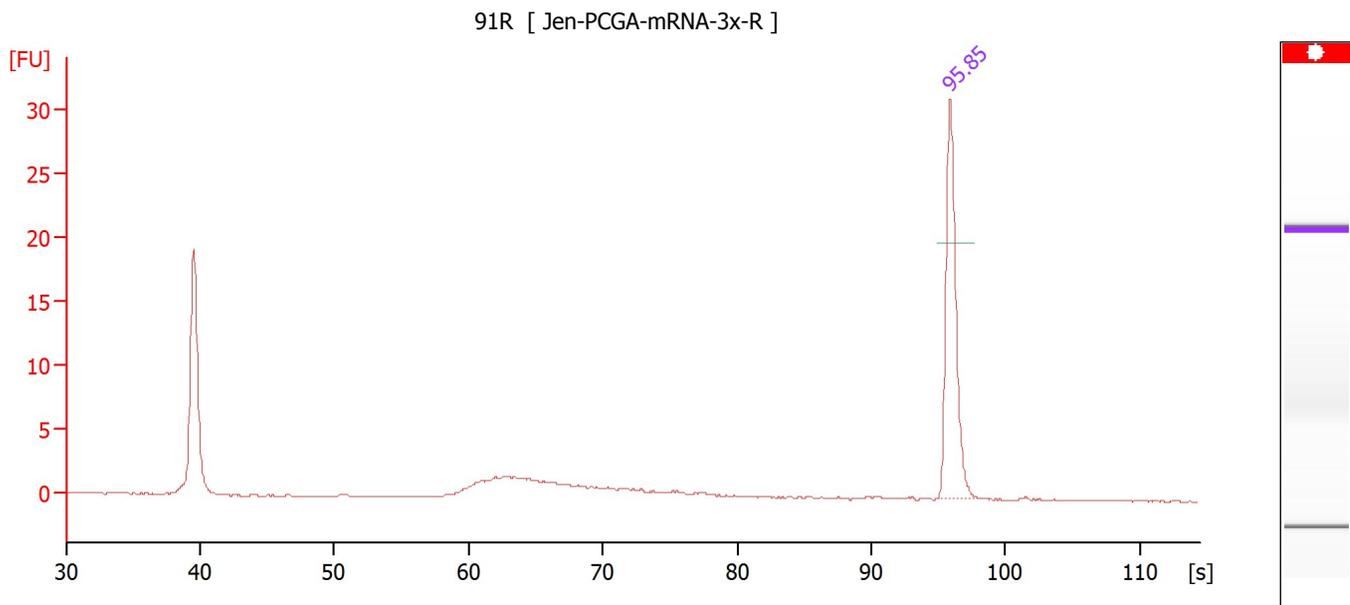
Peak table for sample 9 : 89R

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

Assay Class: DNA 1000
 Data Path: C:\...3 from Sherry\HL re do Library for B8 Waxman 2013-10-30.xad

Created: 10/30/2013 3:15:43 PM
 Modified: 10/31/2013 9:53:46 AM

Electropherogram Summary Continued ...



Setpoint Deviations for sample 10 : 91R

End Analysis Time Range [s] : 114.4

Overall Results for sample 10 : 91R

Number of peaks found: 0

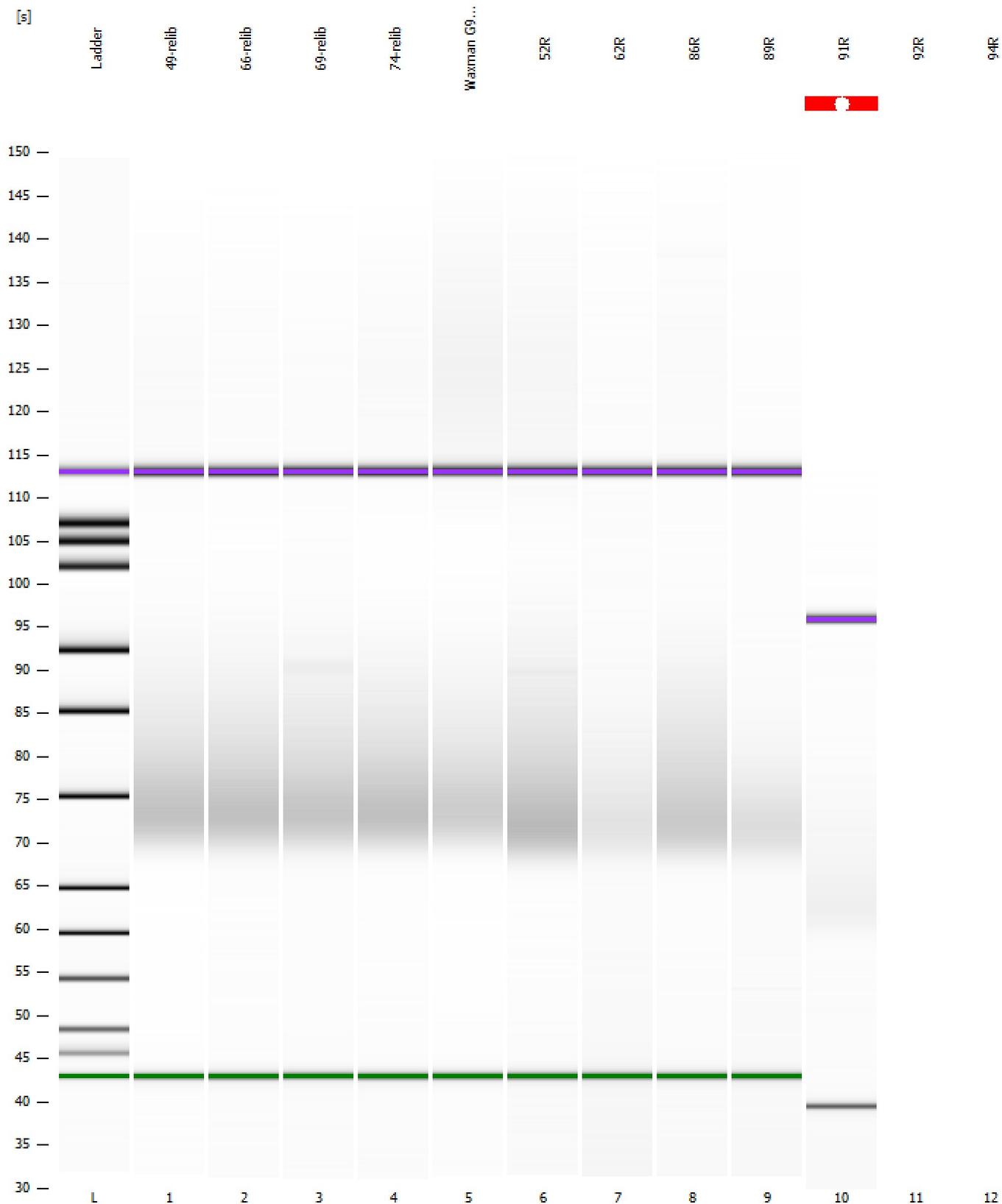
Peak table for sample 10 : 91R

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	0	0.00	0.0	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...3 from Sherry\HL re do Library for B8 Waxman 2013-10-30.xad

Created: 10/30/2013 3:15:43 PM
Modified: 10/31/2013 9:53:46 AM

Gel Image

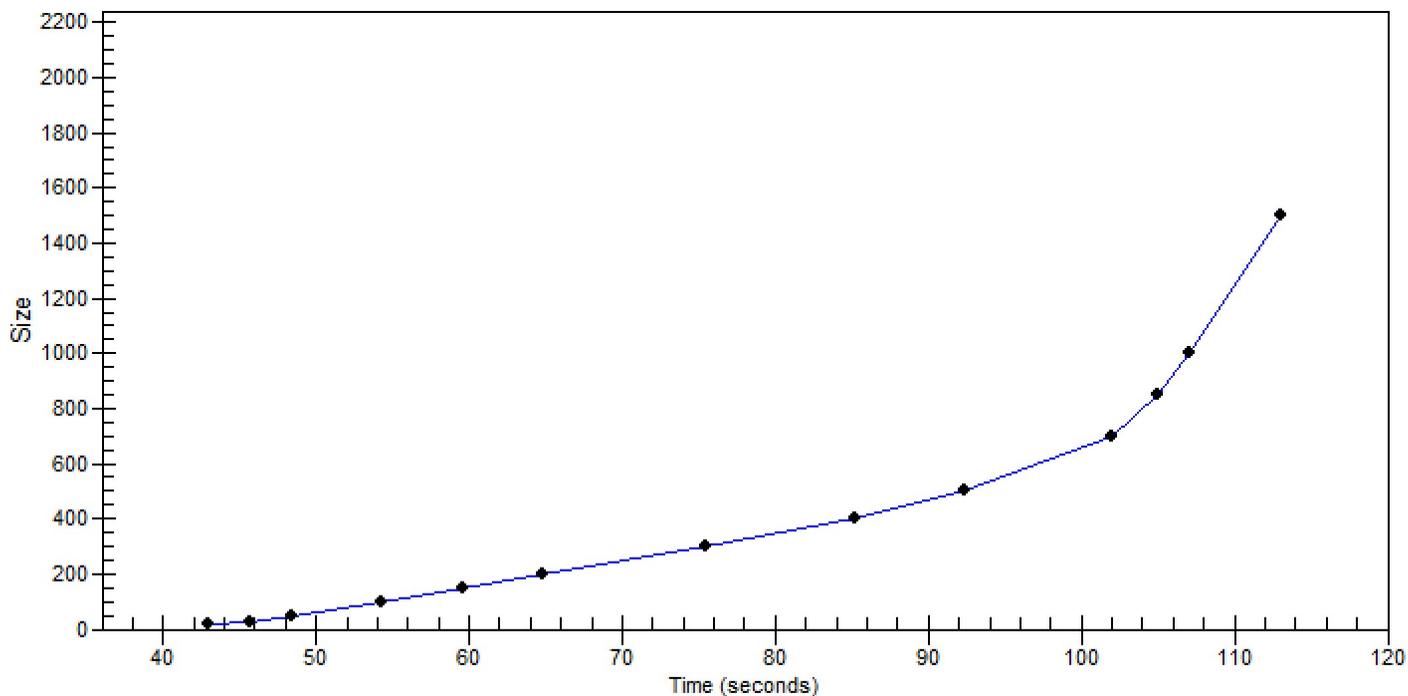


Assay Class: DNA 1000
Data Path: C:\...3 from Sherry\HL re do Library for B8 Waxman 2013-10-30.xad

Created: 10/30/2013 3:15:43 PM
Modified: 10/31/2013 9:53:46 AM

Curves

Standard Curve



Assay Class: DNA 1000
Data Path: C:\...3 from Sherry\HL re do Library for B8 Waxman 2013-10-30.xad

Created: 10/30/2013 3:15:43 PM
Modified: 10/31/2013 9:53:46 AM

Invalid Samples

Sample 11 has not been run, no results available.

Sample 12 has not been run, no results available.

Assay Class: DNA 1000 Created: 10/30/2013 3:15:43 PM
 Data Path: C:\...3 from Sherry\HL re do Library for B8 Waxman 2013-10-30.xad Modified: 10/31/2013 9:53:46 AM

Run Logbook

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run aborted on port 1		Instrument	Run		10/30/2013 3:52:04 PM	(GMT --04:00) Eastern Standard Time	admin	Datasystem01
Instrument error occurred on port 1, Door opened during run (C00h)	514	Instrument	Run		10/30/2013 3:52:02 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\2013-10-30\2100 expert_DNA 1000_DE72901059_2013-10-30_15-15-43.xad)		Instrument	Run		10/30/2013 3:15:48 PM	(GMT --04:00) Eastern Standard Time	admin	Datasystem01
Product Number : G2939A		Instrument	Run		10/30/2013 3:15:48 PM	(GMT --04:00) Eastern Standard Time	admin	Datasystem01
Name :		Instrument	Run		10/30/2013 3:15:48 PM	(GMT --04:00) Eastern Standard Time	admin	Datasystem01
Vendor : Agilent Technologies		Instrument	Run		10/30/2013 3:15:48 PM	(GMT --04:00) Eastern Standard Time	admin	Datasystem01
Serial# : DE72901059		Instrument	Run		10/30/2013 3:15:48 PM	(GMT --04:00) Eastern Standard Time	admin	Datasystem01
Firmware : C.01.069		Instrument	Run		10/30/2013 3:15:48 PM	(GMT --04:00) Eastern Standard Time	admin	Datasystem01
Cartridge : Electrode		Instrument	Run		10/30/2013 3:15:48 PM	(GMT --04:00) Eastern Standard Time	admin	Datasystem01