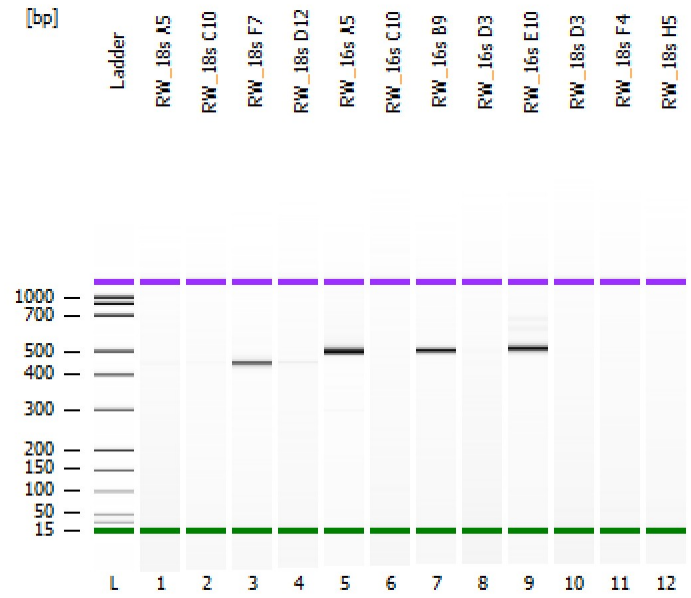
Assay Class: DNA 1000
Data Path: C:\...-10\2100 expert_DNA 1000_DE23101786_2017-11-10_10-28-17.xad

Created: 10/11/2017 10:28:17
Modified: 10/11/2017 11:22:33

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE23101786 Firmware: C.01.069
Serial#: DE23101786 Type: G2938B

Assay Information:

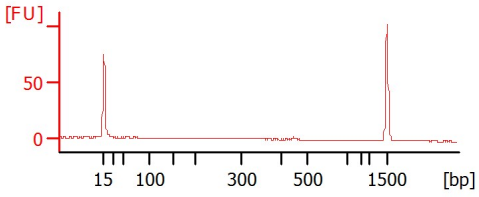
Assay Origin Path: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\DNA 1000 Series II.xsy

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

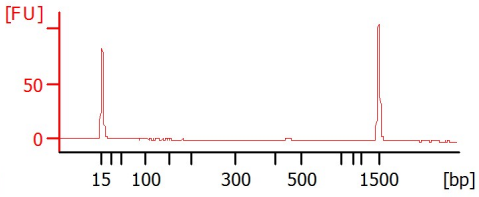
Chip Information:

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

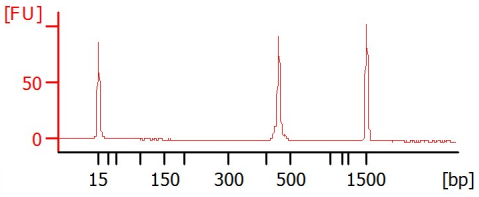
RW_18s A5



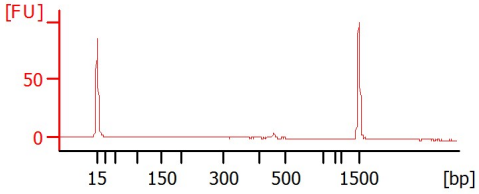
RW_18s C10



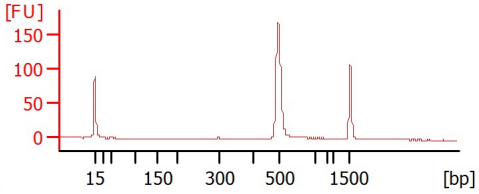
RW_18s F7



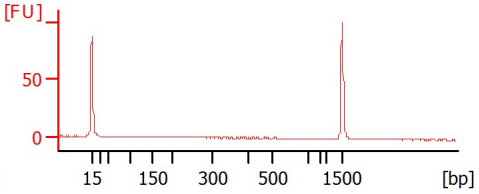
RW_18s D12



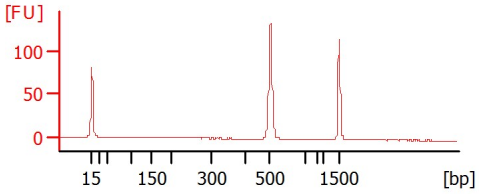
RW_16s A5



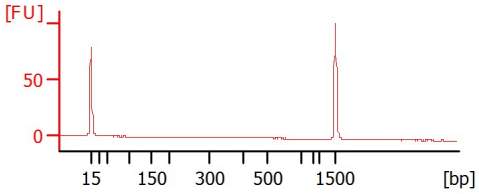
RW_16s C10



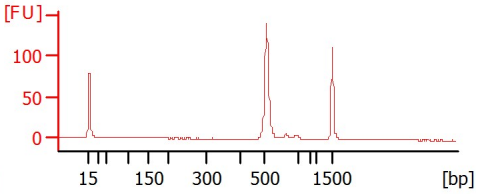
RW_16s B9



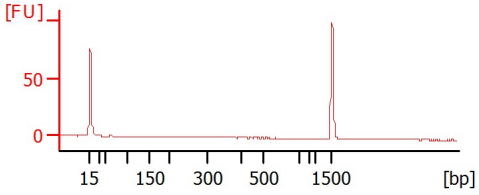
RW_16s D3



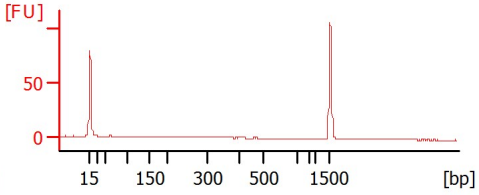
RW_16s E10



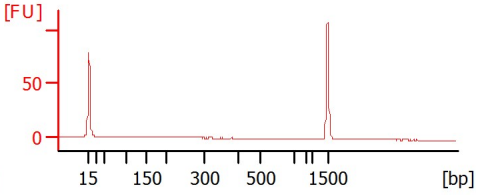
RW_18s D3



RW_18s F4



RW_18s H5



Assay Class: DNA 1000 Created: 10/11/2017 10:28:17
Data Path: C:\...-10\2100 expert_DNA 1000_DE23101786_2017-11-10_10-28-17.xad Modified: 10/11/2017 11:22:33

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Statu s	Observation	Result Label	Result Color
RW_18s A5		☐	✔			
RW_18s C10		☐	✔			
RW_18s F7		☐	✔			
RW_18s D12		☐	✔			
RW_16s A5		☐	✔			
RW_16s C10		☐	✔			
RW_16s B9		☐	✔			
RW_16s D3		☐	✔			
RW_16s E10		☐	✔			
RW_18s D3		☐	✔			
RW_18s F4		☐	✔			
RW_18s H5		☐	✔			
Ladder		☐	✔			

Chip Lot # **Reagent Kit Lot #**

Chip Comments :

Assay Class: DNA 1000 Created: 10/11/2017 10:28:17
Data Path: C:\...-10\2100 expert_DNA 1000_DE23101786_2017-11-10_10-28-17.xad Modified: 10/11/2017 11:22:33

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

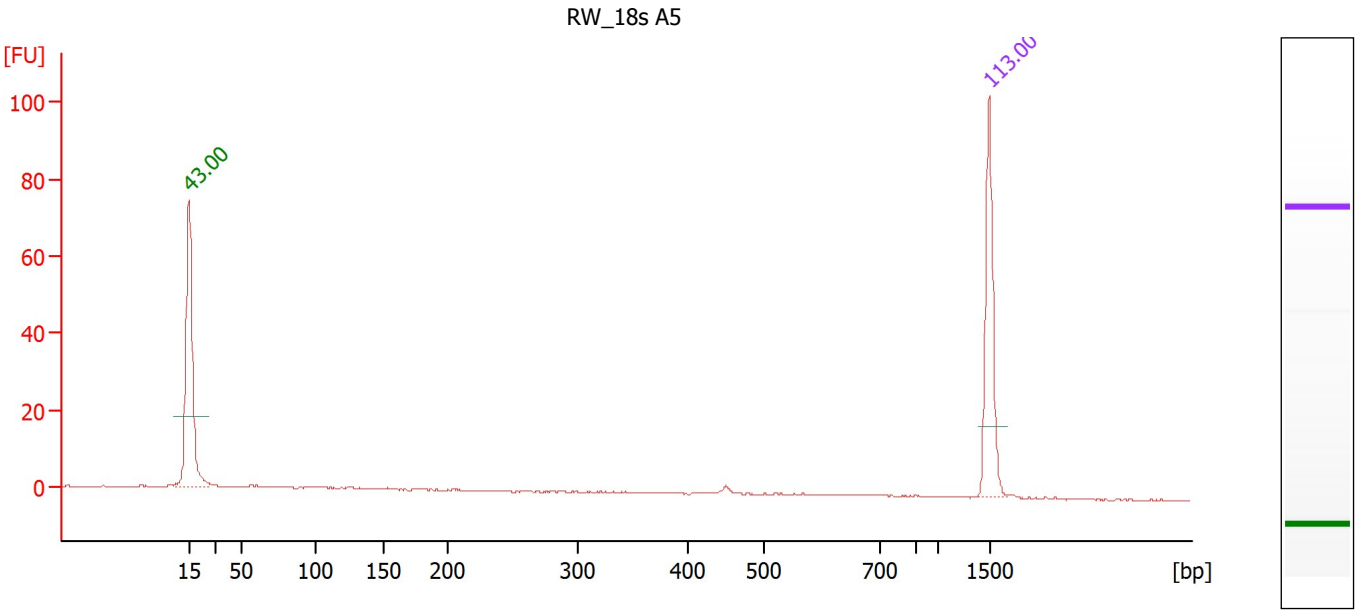
Ladder

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:\...-10\2100 expert_DNA 1000_DE23101786_2017-11-10_10-28-17.xad

Created: 10/11/2017 10:28:17
Modified: 10/11/2017 11:22:33

Electropherogram Summary



Overall Results for sample 1 : RW_18s A5

Number of peaks found: 0

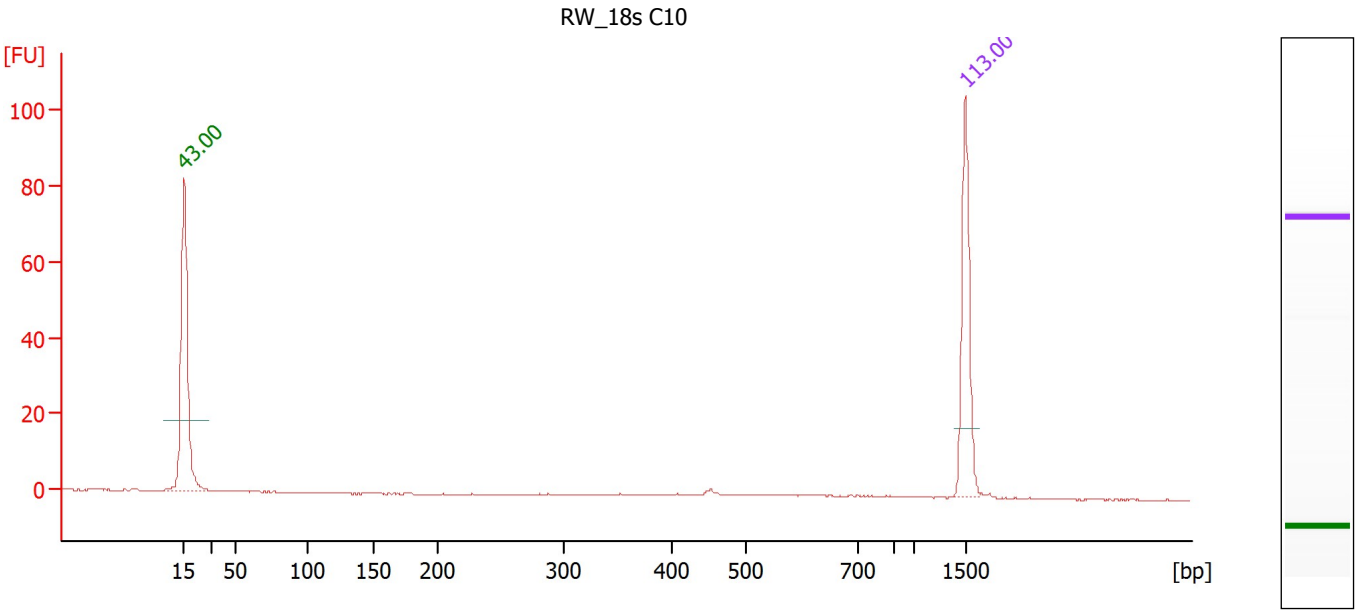
Peak table for sample 1 : RW_18s A5

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:\...-10\2100 expert_DNA 1000_DE23101786_2017-11-10_10-28-17.xad

Created: 10/11/2017 10:28:17
Modified: 10/11/2017 11:22:33

Electropherogram Summary Continued ...



Overall Results for sample 2 : RW_18s C10

Number of peaks found: 0

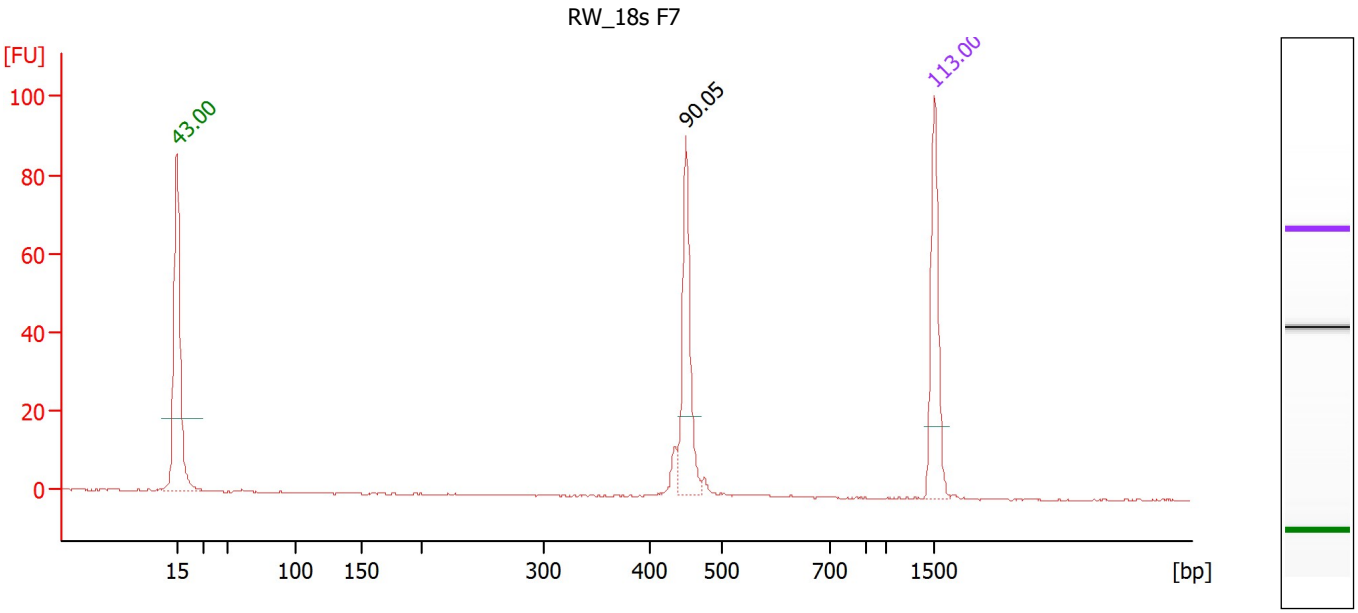
Peak table for sample 2 : RW_18s C10

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:\...-10\2100 expert_DNA 1000_DE23101786_2017-11-10_10-28-17.xad

Created: 10/11/2017 10:28:17
Modified: 10/11/2017 11:22:33

Electropherogram Summary Continued ...



Overall Results for sample 3 : RW_18s F7

Number of peaks found: 1

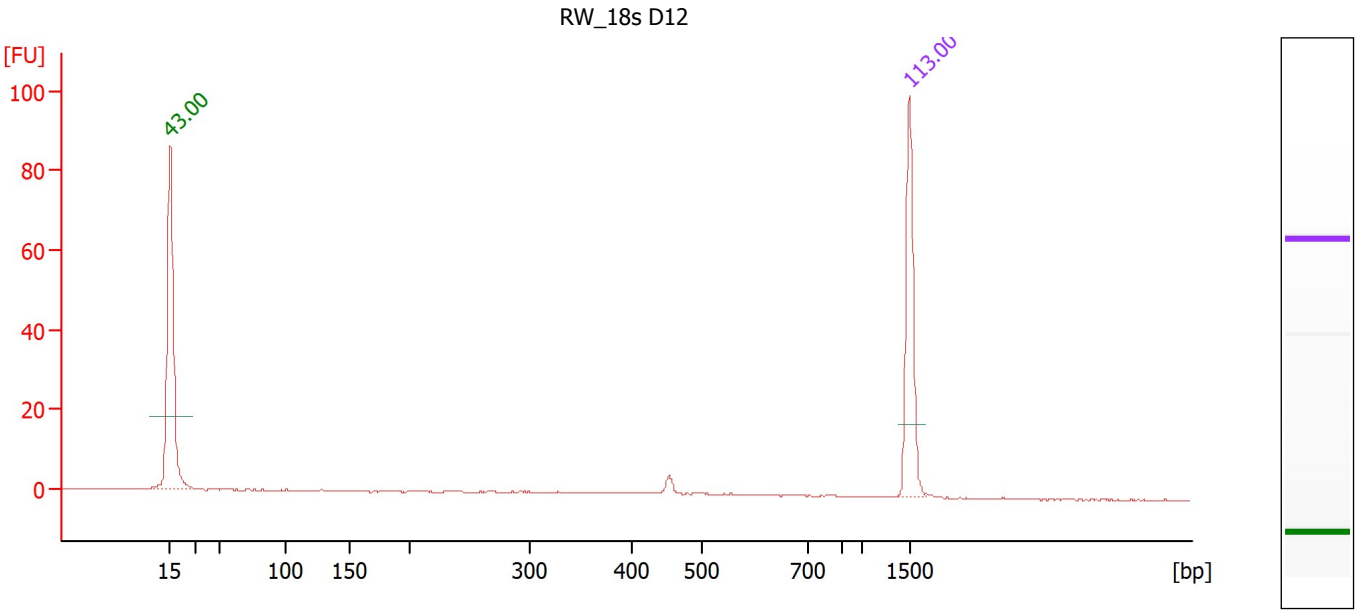
Peak table for sample 3 : RW_18s F7

Peak	Size [bp]	Conc. [ng/µl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	450	2.34	7.9	
3	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-10\2100 expert_DNA 1000_DE23101786_2017-11-10_10-28-17.xad

Created: 10/11/2017 10:28:17
Modified: 10/11/2017 11:22:33

Electropherogram Summary Continued ...



Overall Results for sample 4 : RW_18s D12

Number of peaks found: 0

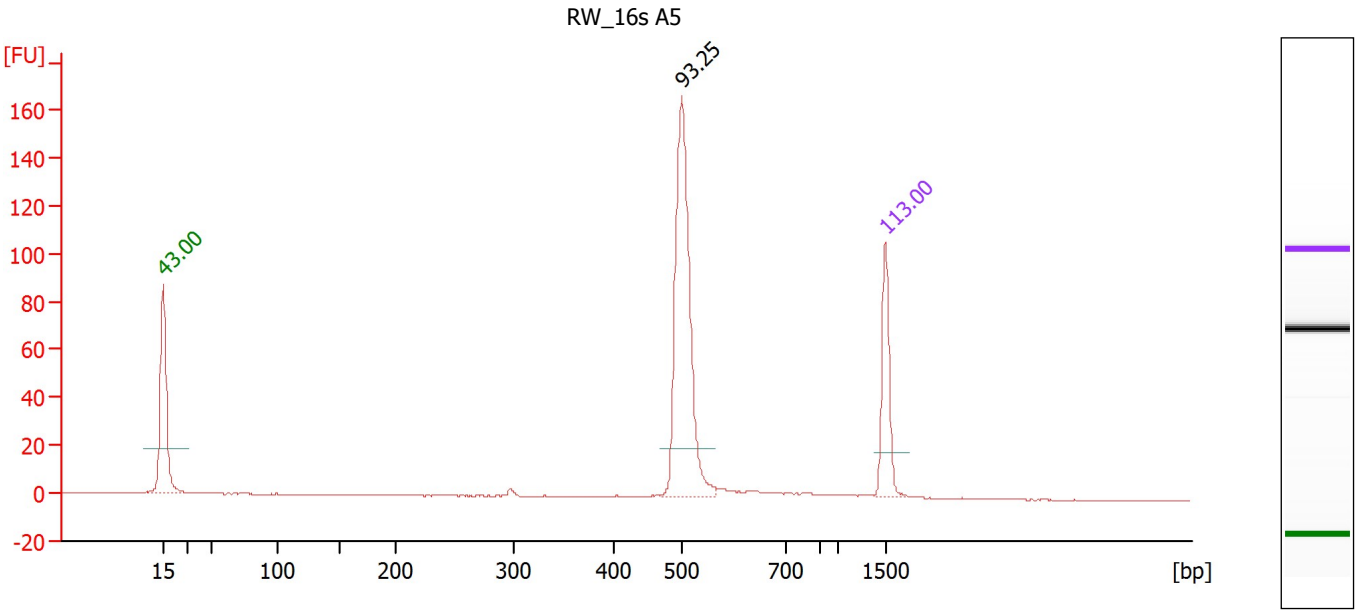
Peak table for sample 4 : RW_18s D12

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:\...-10\2100 expert_DNA 1000_DE23101786_2017-11-10_10-28-17.xad

Created: 10/11/2017 10:28:17
Modified: 10/11/2017 11:22:33

Electropherogram Summary Continued ...



Overall Results for sample 5 : RW_16s A5

Number of peaks found: 1

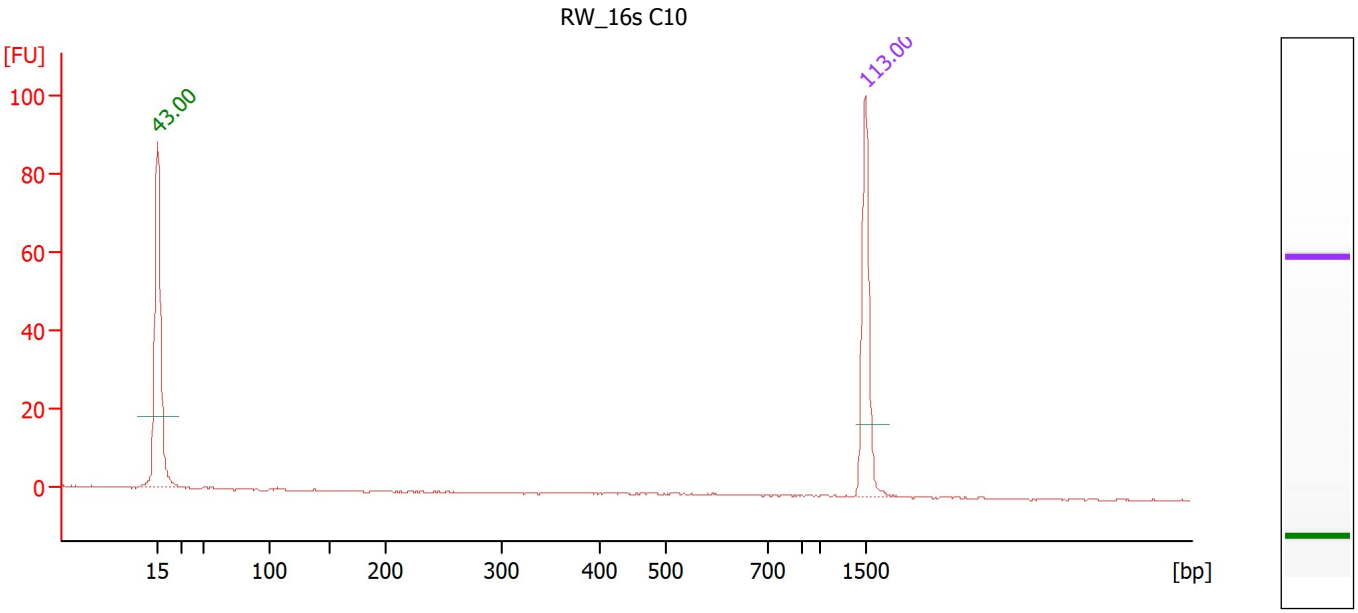
Peak table for sample 5 : RW_16s A5

Peak	Size [bp]	Conc. [ng/µl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	498	7.67	23.3	
3	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-10\2100 expert_DNA 1000_DE23101786_2017-11-10_10-28-17.xad

Created: 10/11/2017 10:28:17
Modified: 10/11/2017 11:22:33

Electropherogram Summary Continued ...



Overall Results for sample 6 : RW_16s C10

Number of peaks found: 0

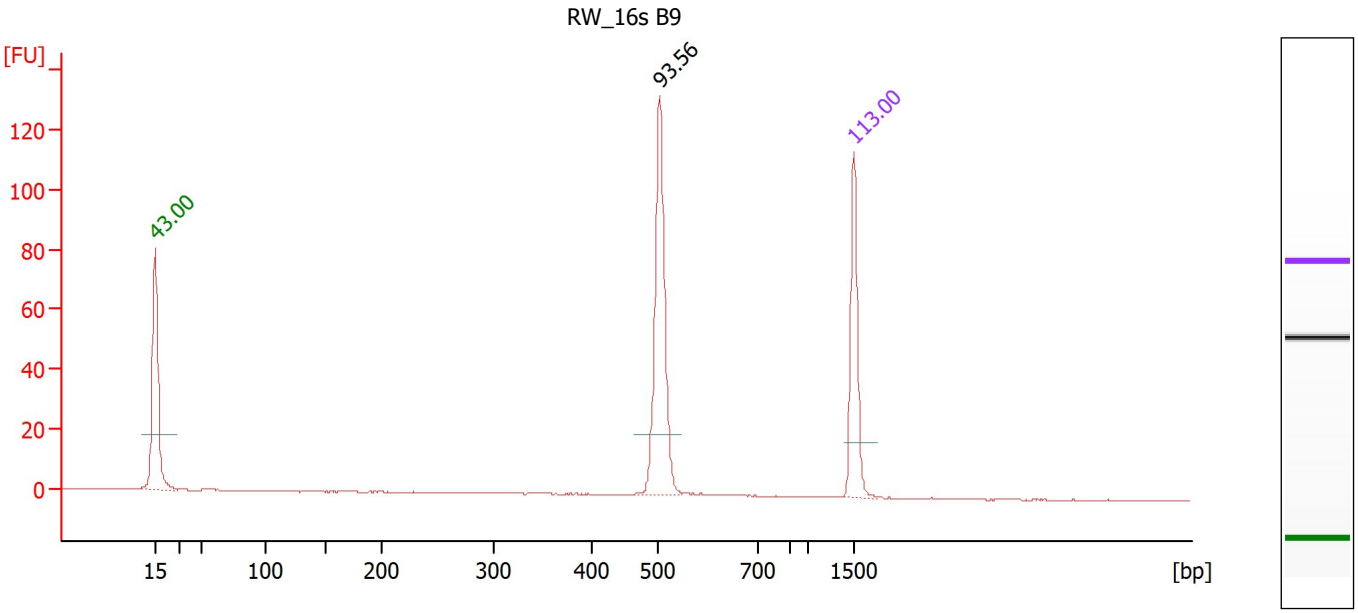
Peak table for sample 6 : RW_16s C10

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:\...-10\2100 expert_DNA 1000_DE23101786_2017-11-10_10-28-17.xad

Created: 10/11/2017 10:28:17
Modified: 10/11/2017 11:22:33

Electropherogram Summary Continued ...



Overall Results for sample 7 : RW_16s B9

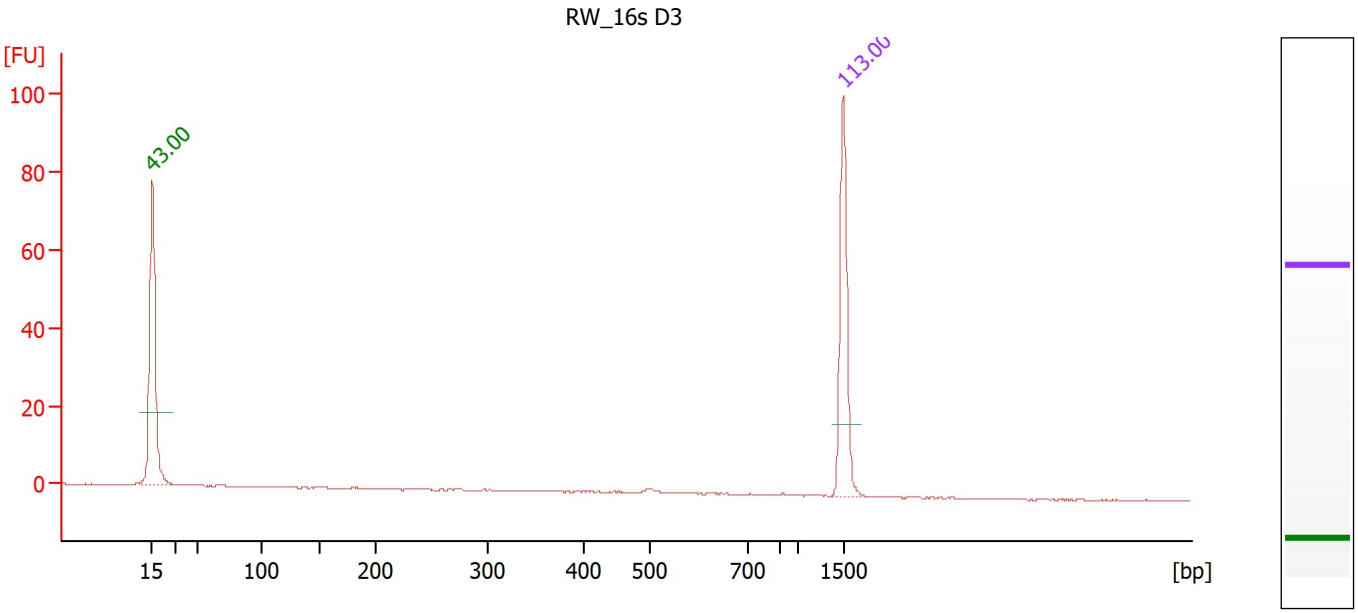
Number of peaks found: 1

Peak table for sample 7 : RW_16s B9

Peak	Size [bp]	Conc. [ng/µl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	504	4.00	12.0	
3	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000 Created: 10/11/2017 10:28:17
Data Path: C:\...-10\2100 expert_DNA 1000_DE23101786_2017-11-10_10-28-17.xad Modified: 10/11/2017 11:22:33

Electropherogram Summary Continued ...



Overall Results for sample 8 : RW_16s D3

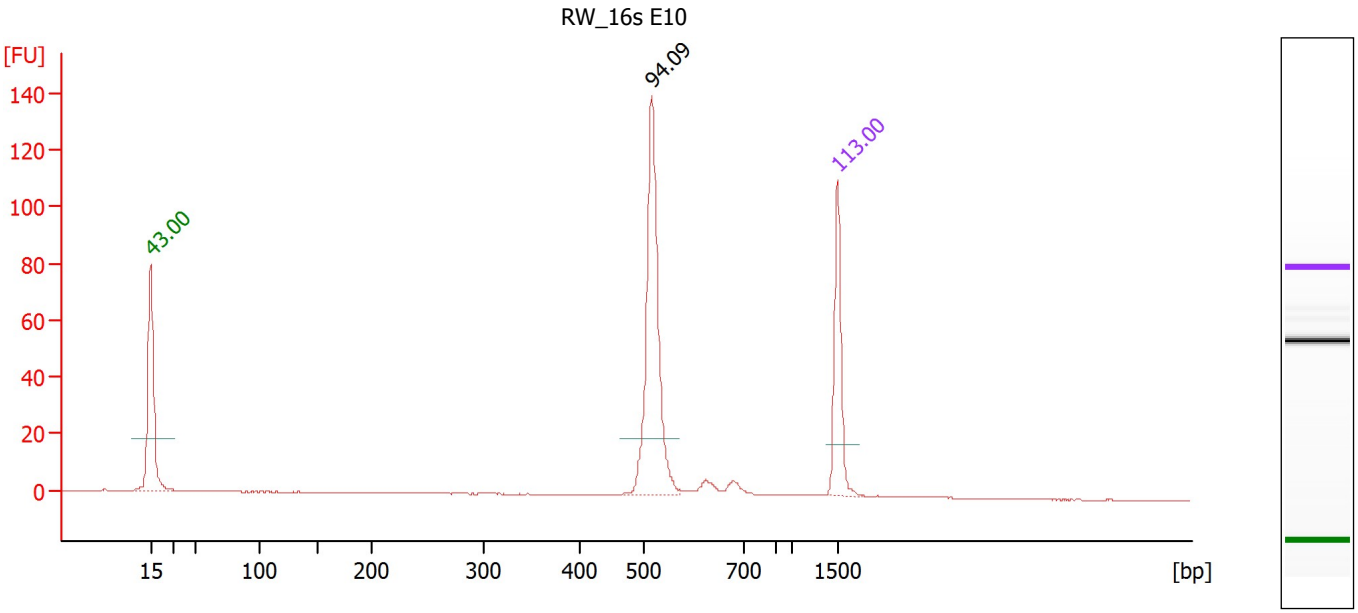
Number of peaks found: 0

Peak table for sample 8 : RW_16s D3

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 Created: 10/11/2017 10:28:17
Data Path: C:\...-10\2100 expert_DNA 1000_DE23101786_2017-11-10_10-28-17.xad Modified: 10/11/2017 11:22:33

Electropherogram Summary Continued ...



Overall Results for sample 9 : RW_16s E10

Number of peaks found: 1

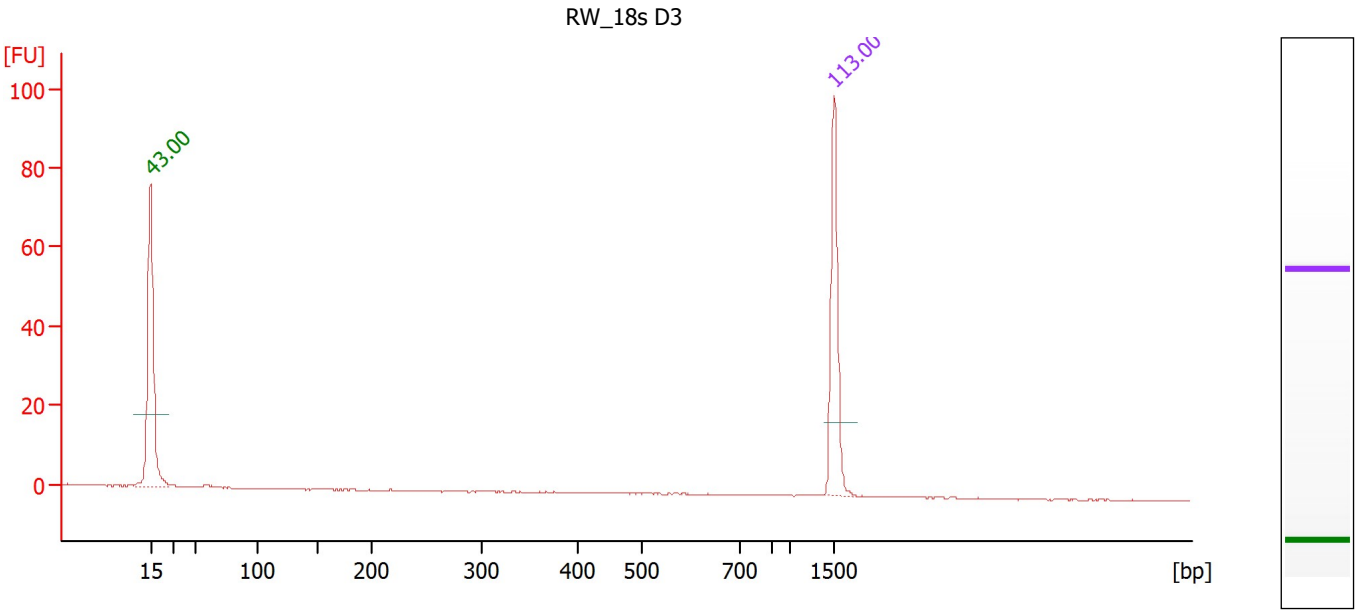
Peak table for sample 9 : RW_16s E10

Peak	Size [bp]	Conc. [ng/µl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	515	5.42	16.0	
3	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-10\2100 expert_DNA 1000_DE23101786_2017-11-10_10-28-17.xad

Created: 10/11/2017 10:28:17
Modified: 10/11/2017 11:22:33

Electropherogram Summary Continued ...



Overall Results for sample 10 : RW_18s D3

Number of peaks found: 0

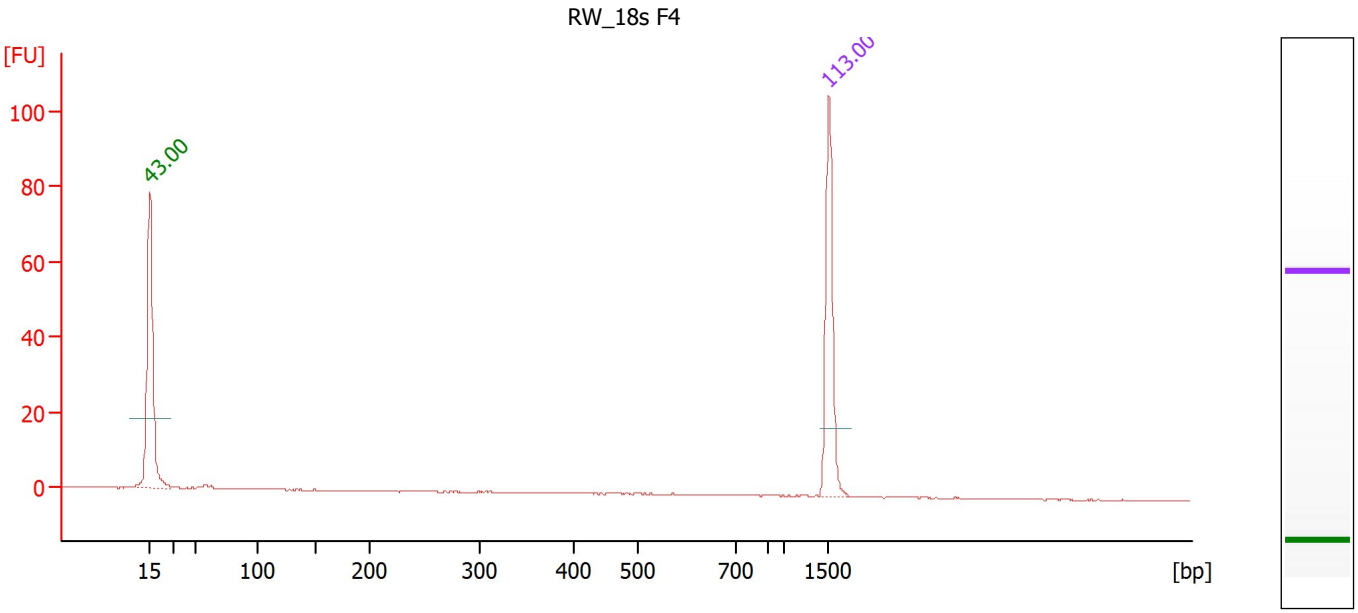
Peak table for sample 10 : RW_18s D3

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:\...-10\2100 expert_DNA 1000_DE23101786_2017-11-10_10-28-17.xad

Created: 10/11/2017 10:28:17
Modified: 10/11/2017 11:22:33

Electropherogram Summary Continued ...



Overall Results for sample 11 : RW_18s F4

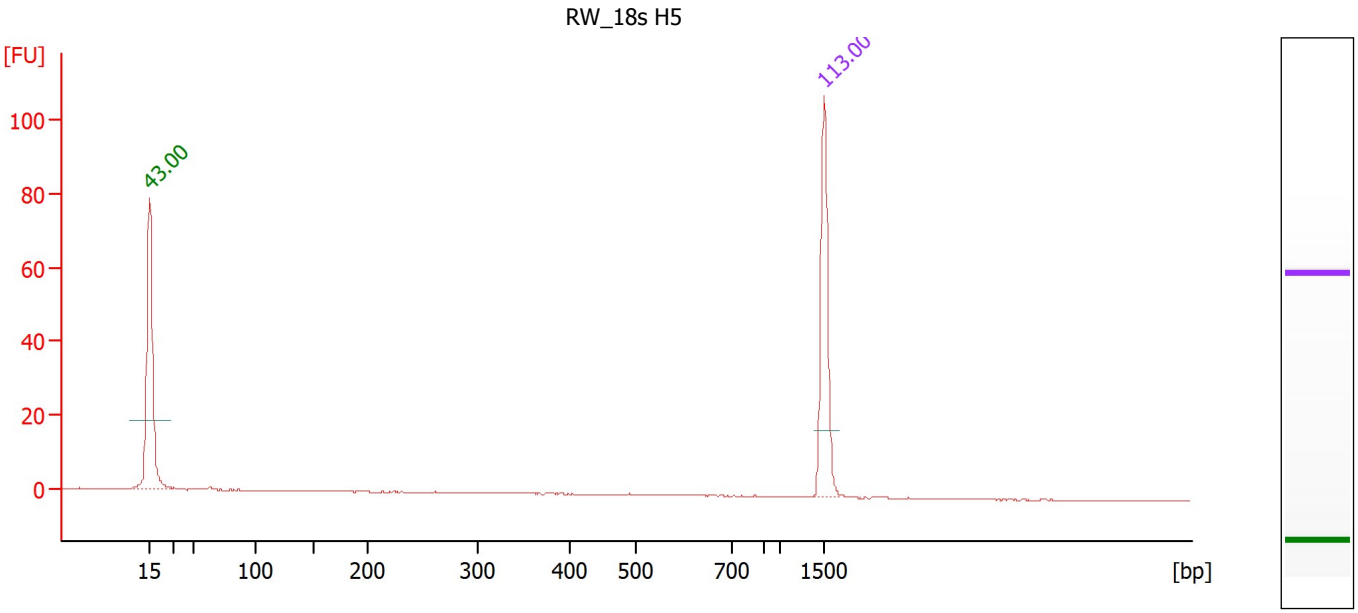
Number of peaks found: 0

Peak table for sample 11 : RW_18s F4

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 Created: 10/11/2017 10:28:17
Data Path: C:\...-10\2100 expert_DNA 1000_DE23101786_2017-11-10_10-28-17.xad Modified: 10/11/2017 11:22:33

Electropherogram Summary Continued ...



Overall Results for sample 12 : RW_18s H5

Number of peaks found: 0

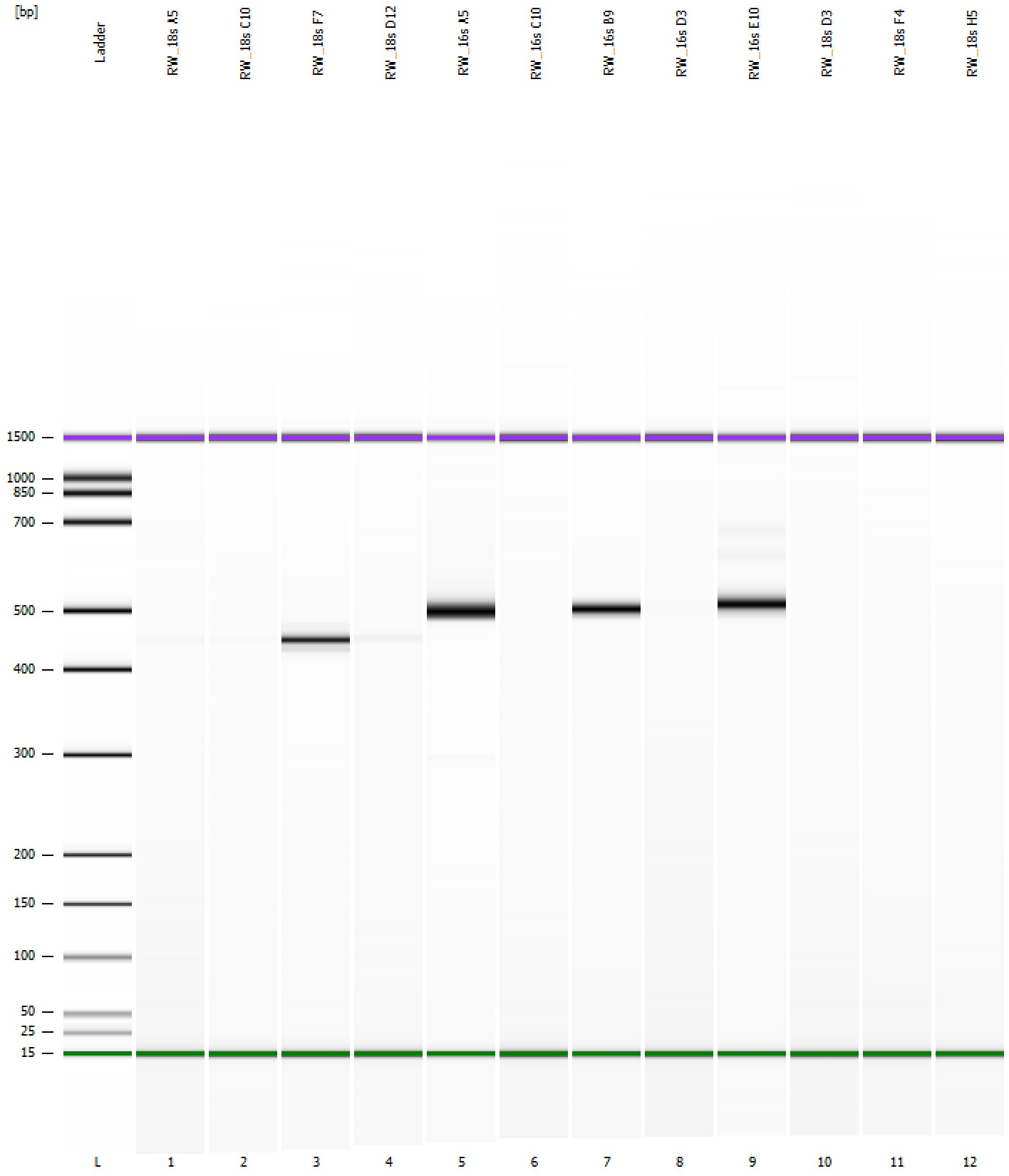
Peak table for sample 12 : RW_18s H5

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:\...-10\2100 expert_DNA 1000_DE23101786_2017-11-10_10-28-17.xad

Created: 10/11/2017 10:28:17
Modified: 10/11/2017 11:22:33

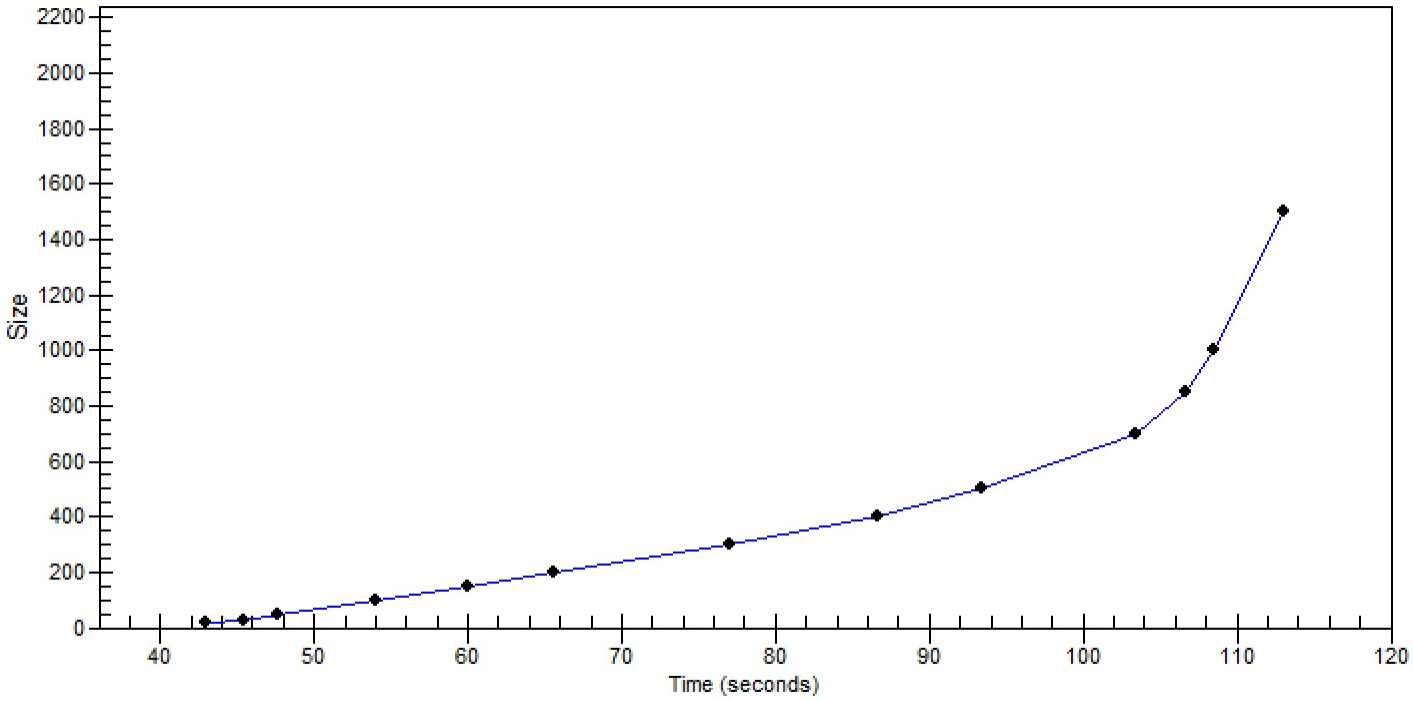
Gel Image



Assay Class: DNA 1000 Created: 10/11/2017 10:28:17
Data Path: C:\...-10\2100 expert_DNA 1000_DE23101786_2017-11-10_10-28-17.xad Modified: 10/11/2017 11:22:33

Curves

Standard Curve



Assay Class: DNA 1000 Created: 10/11/2017 10:28:17
Data Path: C:\...-10\2100 expert_DNA 1000_DE23101786_2017-11-10_10-28-17.xad Modified: 10/11/2017 11:22:33

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		10/11/2017 11:10:04	(GMT +00:00) GMT Standard Time	lssdg	ADS
Run started on port 1 (File: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\Data\2017-11-10\2100 expert_DNA 1000_DE23101786_2017-11-10_10-28-17.xad)		Instrument	Run		10/11/2017 10:28:22	(GMT +00:00) GMT Standard Time	lssdg	ADS
Product Number : G2938B		Instrument	Run		10/11/2017 10:28:22	(GMT +00:00) GMT Standard Time	lssdg	ADS
Name :		Instrument	Run		10/11/2017 10:28:22	(GMT +00:00) GMT Standard Time	lssdg	ADS
Vendor : Agilent Technologies		Instrument	Run		10/11/2017 10:28:22	(GMT +00:00) GMT Standard Time	lssdg	ADS
Serial# : DE23101786		Instrument	Run		10/11/2017 10:28:22	(GMT +00:00) GMT Standard Time	lssdg	ADS
Firmware : C.01.069		Instrument	Run		10/11/2017 10:28:22	(GMT +00:00) GMT Standard Time	lssdg	ADS
Cartridge : Electrode		Instrument	Run		10/11/2017 10:28:22	(GMT +00:00) GMT Standard Time	lssdg	ADS