

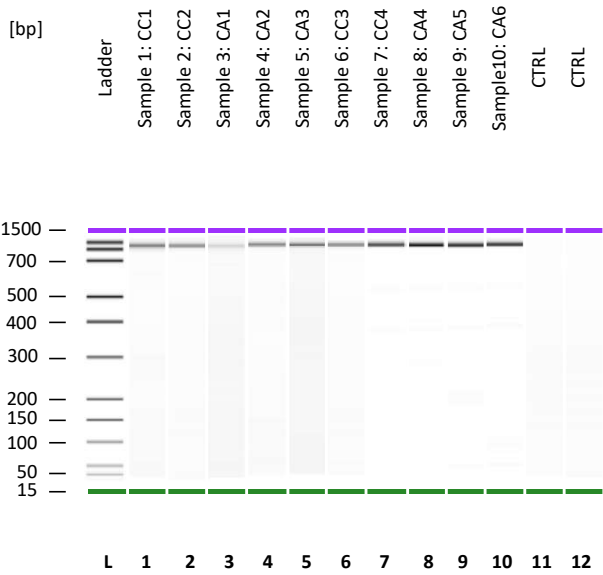
Supplementary Data S1: PCR products of *trnL-trnF* region separated by the Agilent 2100 Bioanalyzer and reporting the electropherograms of CA e CC accessions before and after digestion with *A**lu**I*.

2100_expert_DNA_1000_DE34903611_2023-03-06_TRN_1_10.xad

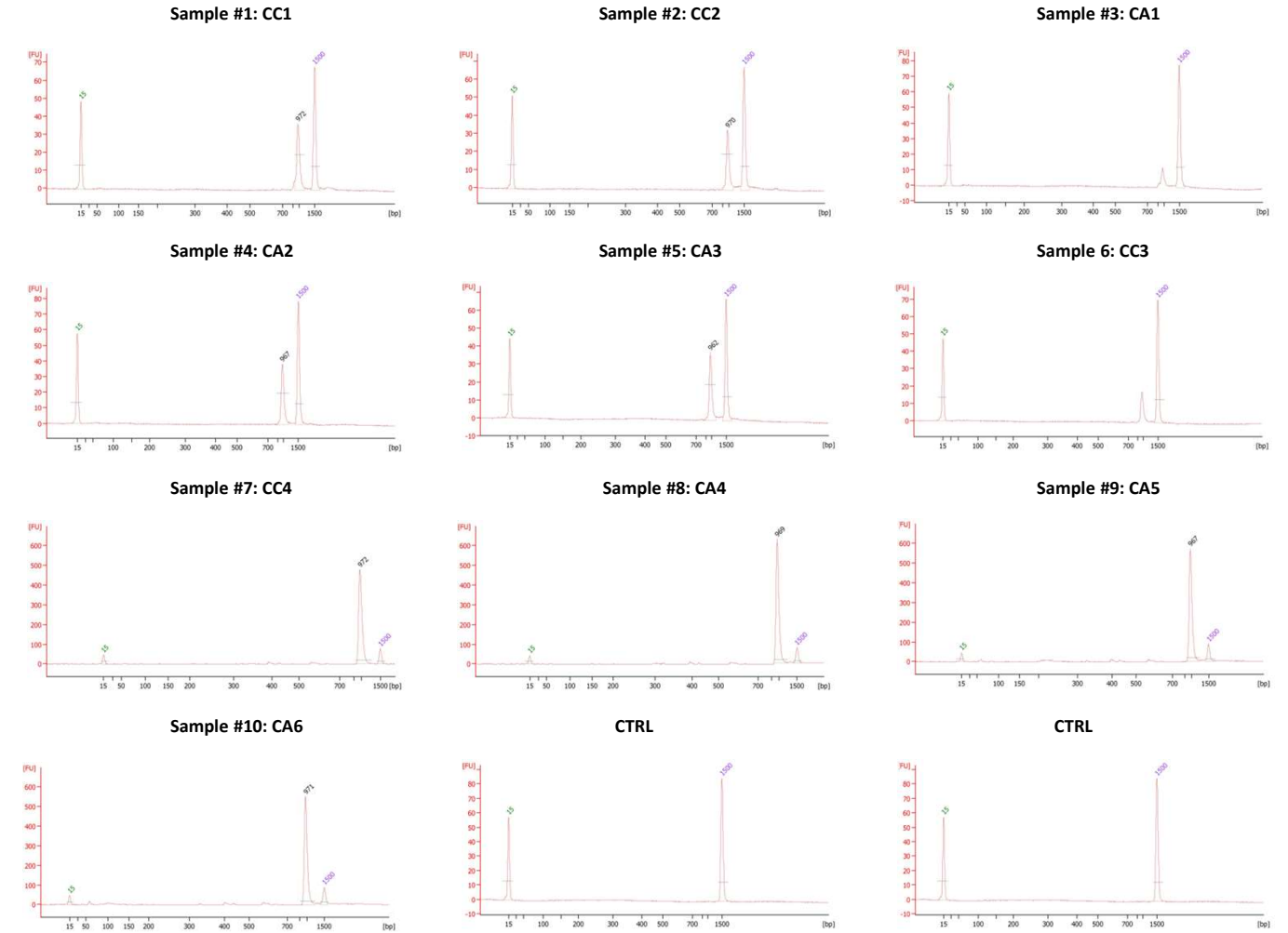
Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA_1000_DE34903611_2023-03-06_TRN_1_10.xad

Created: 3/06/2023 4:21:53 PM
Modified: 3/06/2023 4:21:53 PM

Electrophoresis File Run Summary



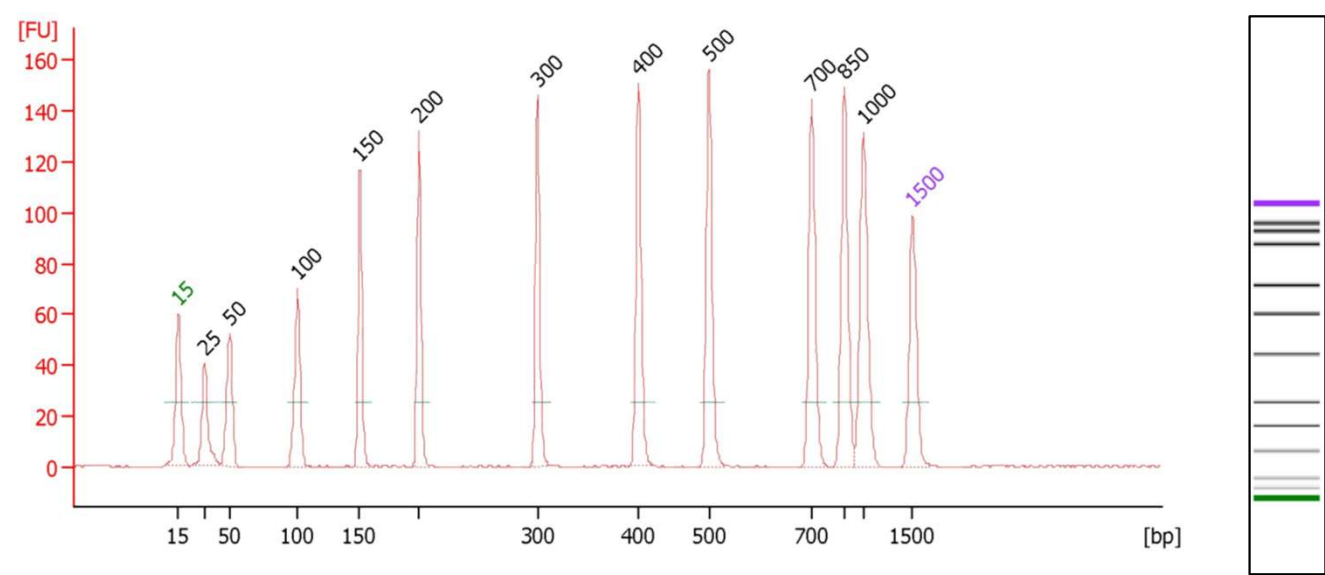
Instrument Information:
Instrument Name: DE34903611 Firmware: C.01.069
Serial #: DE34903611 Type: G2938C
Assay Information:
Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100
expert\assays\dsDNA\DNA 1000 Series II.xsy
Assay Class: DNA 1000
Version: 2.3
Assay Comments: DNA Analysis 2 - 1000 bp
© Copyright 2003-2009 Agilent Technologies, Inc.
Chip Information:
Chip Lot #:
Reagent Kit Lot #:
Chip Comments:



Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_1_10.xad

Created: 3/06/2023 4:21:53 PM
Modified: 3/06/2023 4:21:53 PM

Electrophoresis File Run Summary



Peak table for Ladder :

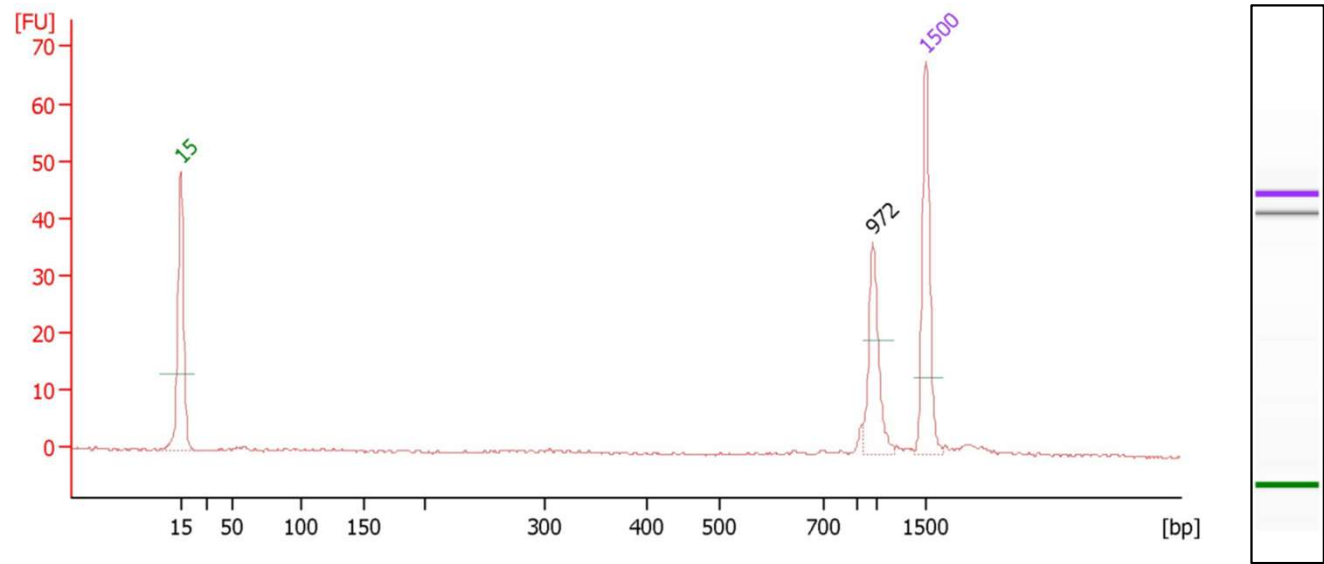
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	4.4.2	Lower Marker
2	25	4.00	242.4	Ladder Peak
3	50	4.00	121.2	Ladder Peak
4	100	4.00	60.6	Ladder Peak
5	150	4.00	40.3	Ladder Peak
6	200	4.00	30.3	Ladder Peak
7	300	4.00	20.2	Ladder Peak
8	400	4.00	15.2	Ladder Peak
9	500	4.00	12.1	Ladder Peak
10	700	4.00	8.7	Ladder Peak
11	850	4.00	7.1	Ladder Peak
12	1,000	4.00	6.1	Ladder Peak
13	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_1_10.xad

Created: 3/06/2023 4:21:53 PM
Modified: 3/06/2023 4:21:53 PM

Electrophoresis File Run Summary

Sample #1: CC1



Peak table for Sample #1 :

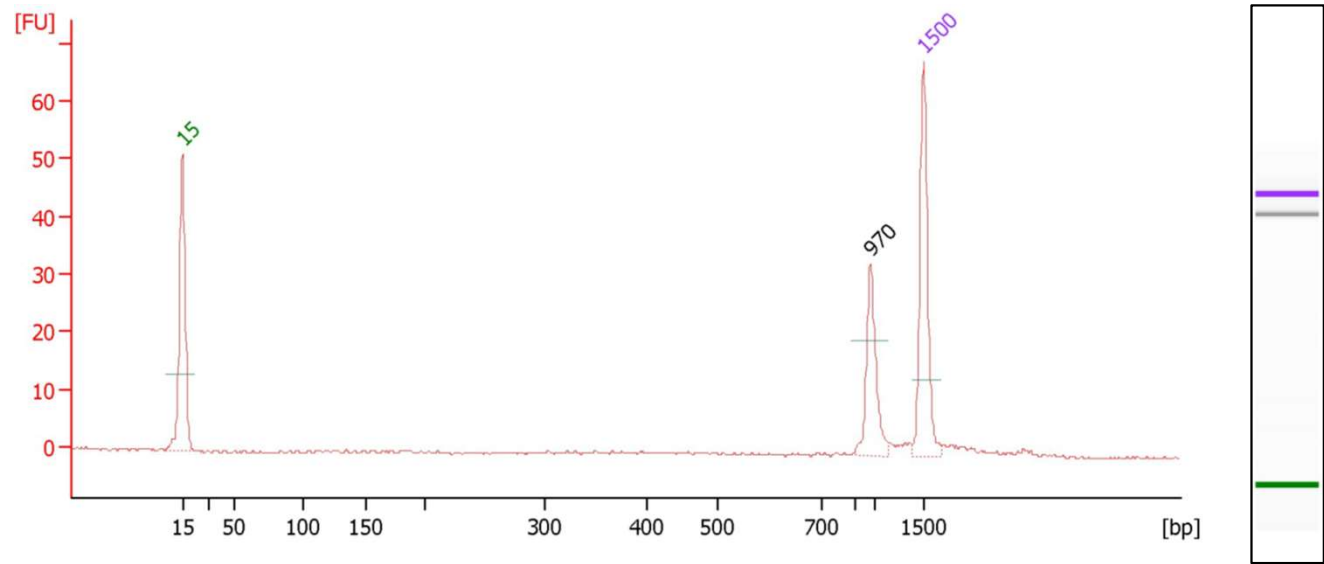
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	972	1.63	2.5	Ladder Peak
3	1,500	2.10	2.2	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_1_10.xad

Created: 3/06/2023 4:21:53 PM
Modified: 3/06/2023 4:21:53 PM

Electrophoresis File Run Summary

Sample #2: CC2



Peak table for Sample #2 :

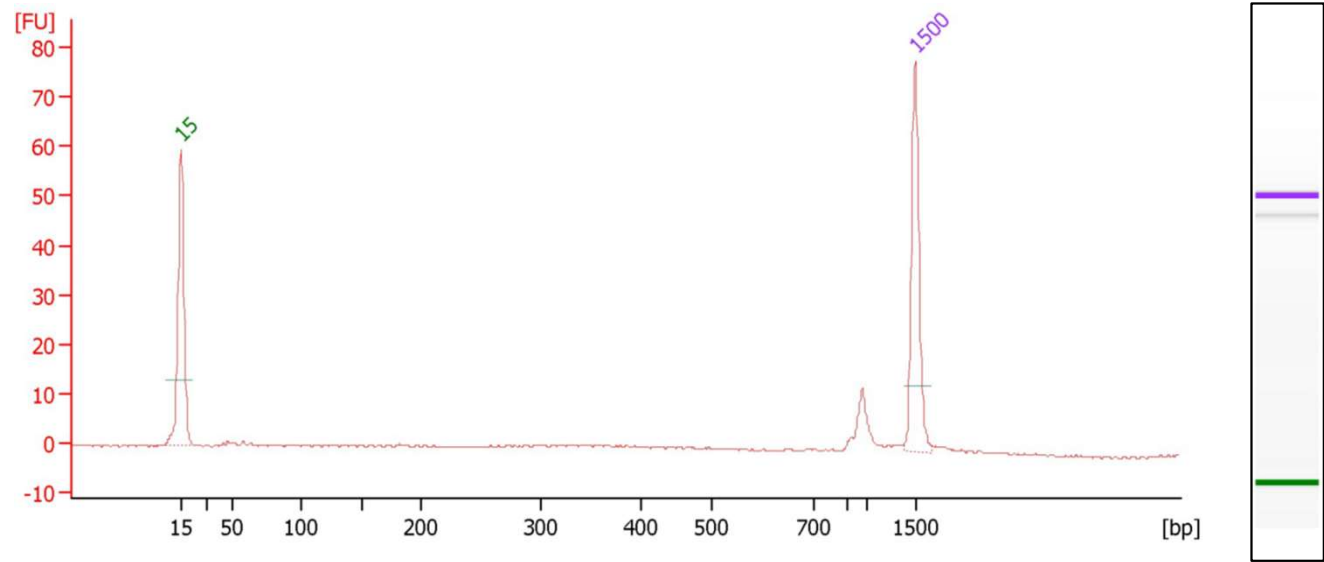
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	970	1.41	2.2	Ladder Peak
3	1,500	2.10	2.2	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_1_10.xad

Created: 3/06/2023 4:21:53 PM
Modified: 3/06/2023 4:21:53 PM

Electrophoresis File Run Summary

Sample #3: CA1



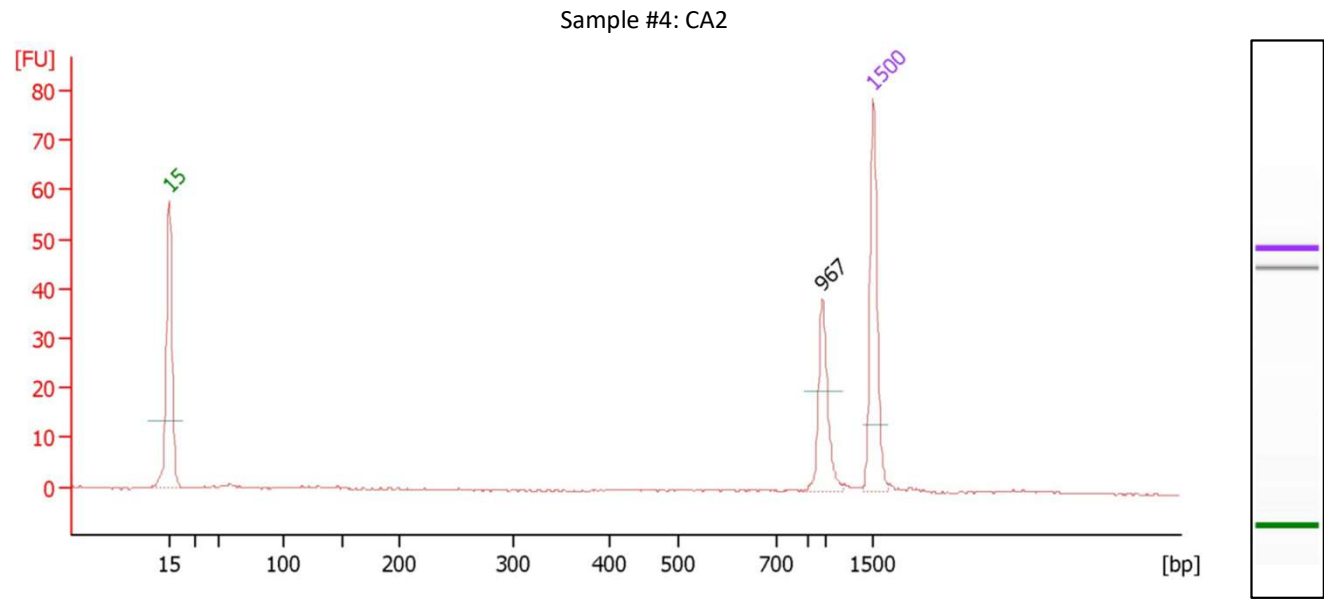
Peak table for Sample #3 :

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100 expert_DNA 1000_DE34903611_2023-03-06_TRN_1_10.xad

Created: 3/06/2023 4:21:53 PM
Modified: 3/06/2023 4:21:53 PM

Electrophoresis File Run Summary



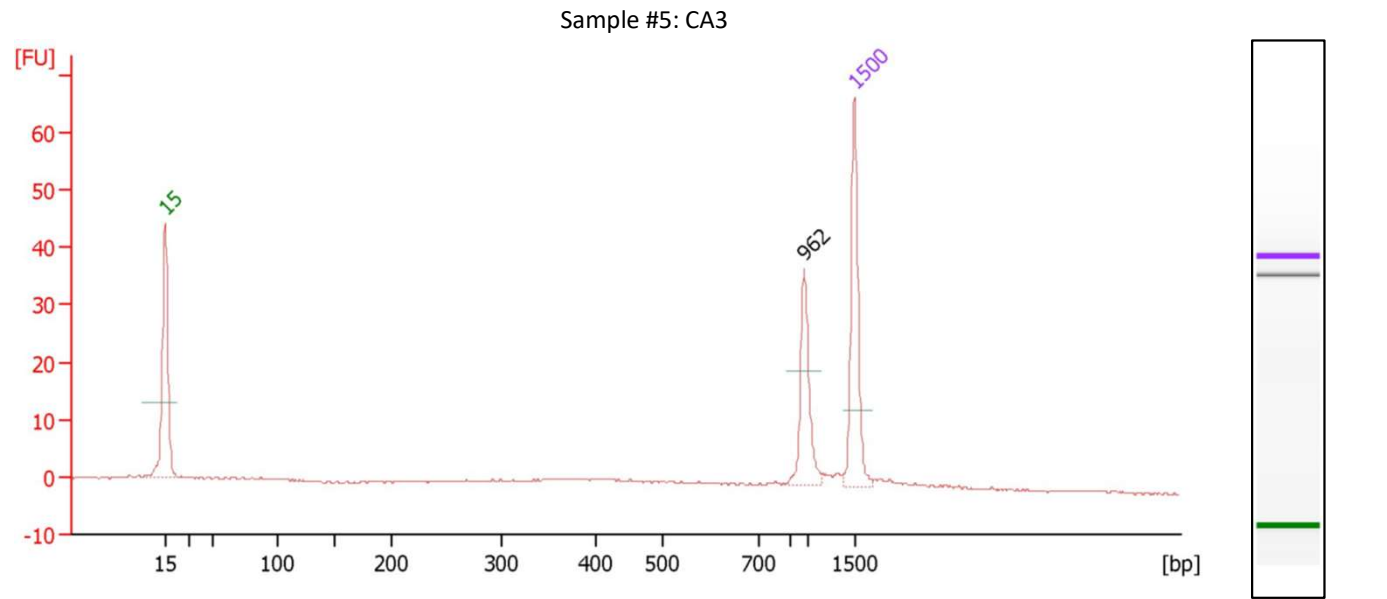
Peak table for Sample #4 :

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	967	1.43	2.2	Ladder Peak
3	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_1_10.xad

Created: 3/06/2023 4:21:53 PM
Modified: 3/06/2023 4:21:53 PM

Electrophoresis File Run Summary



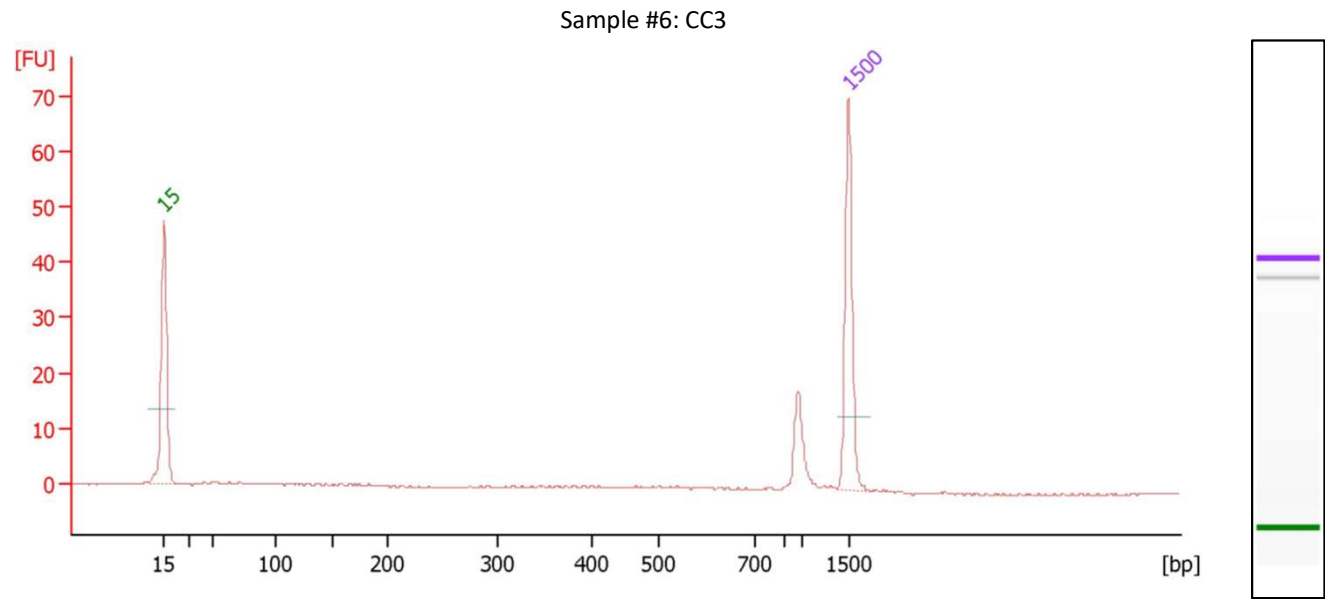
Peak table for Sample #5 :

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	962	1.58	2.5	Ladder Peak
3	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_1_10.xad

Created: 3/06/2023 4:21:53 PM
Modified: 3/06/2023 4:21:53 PM

Electrophoresis File Run Summary



Peak table for Sample #6 :

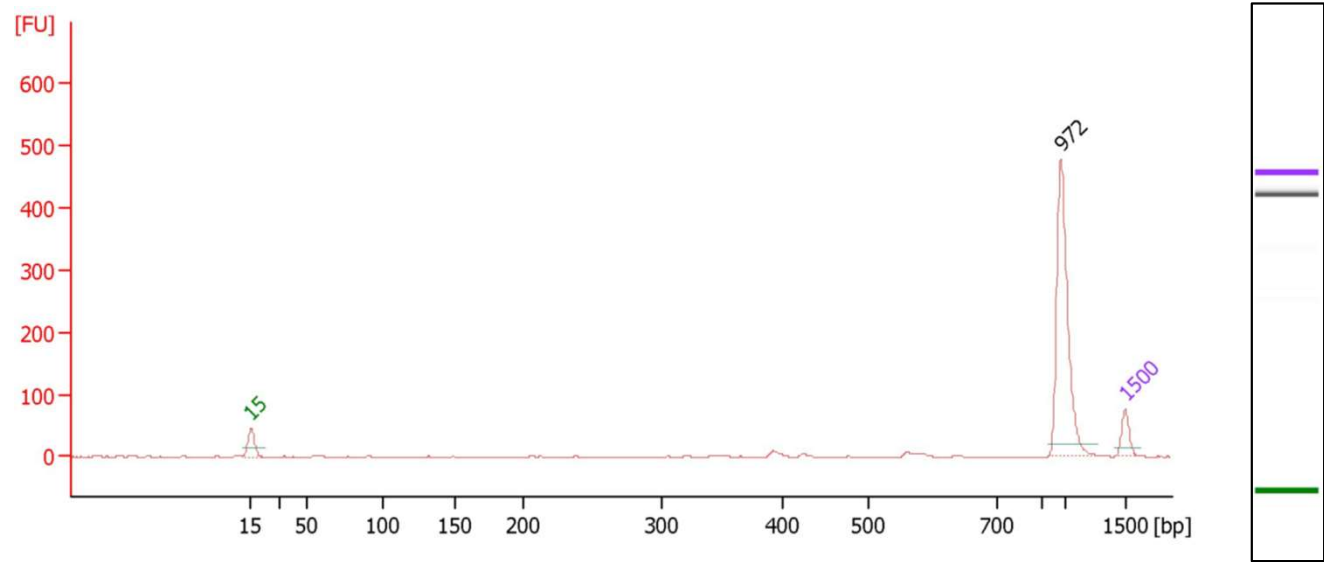
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100 expert_DNA 1000_DE34903611_2023-03-06_TRN_1_10.xad

Created: 3/06/2023 4:21:53 PM
Modified: 3/06/2023 4:21:53 PM

Electrophoresis File Run Summary

Sample #7: CC4



Peak table for Sample #7 :

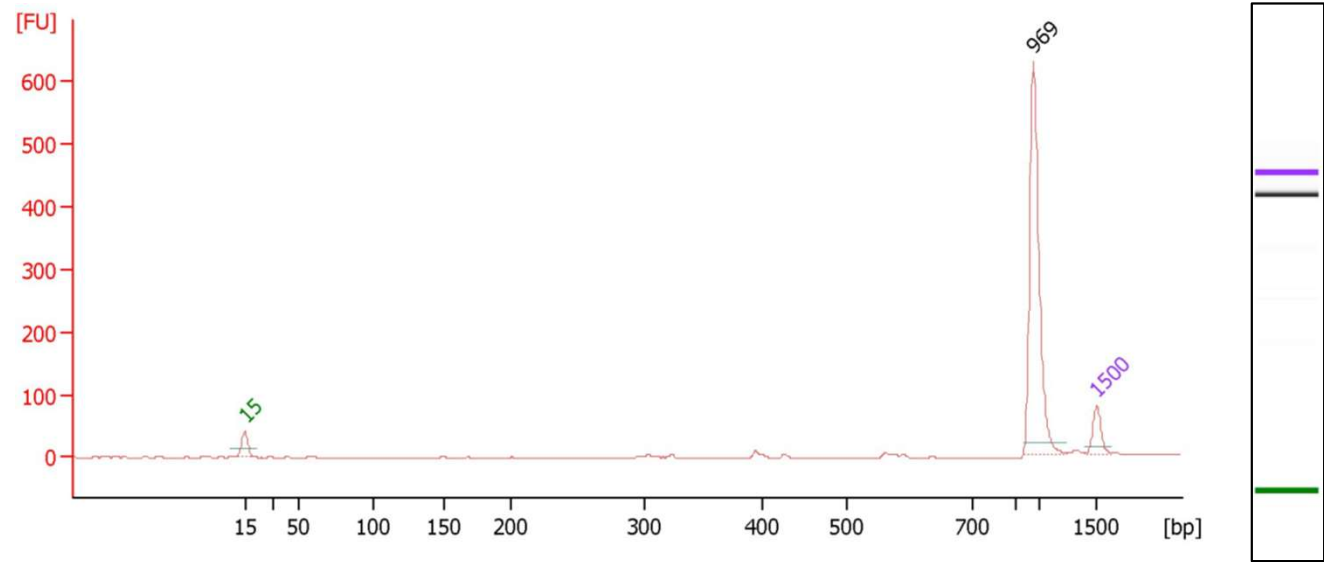
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	972	20.68	32.2	Ladder Peak
3	1,500	2.10	2.2	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_1_10.xad

Created: 3/06/2023 4:21:53 PM
Modified: 3/06/2023 4:21:53 PM

Electrophoresis File Run Summary

Sample #8: CA4



Peak table for Sample #8 :

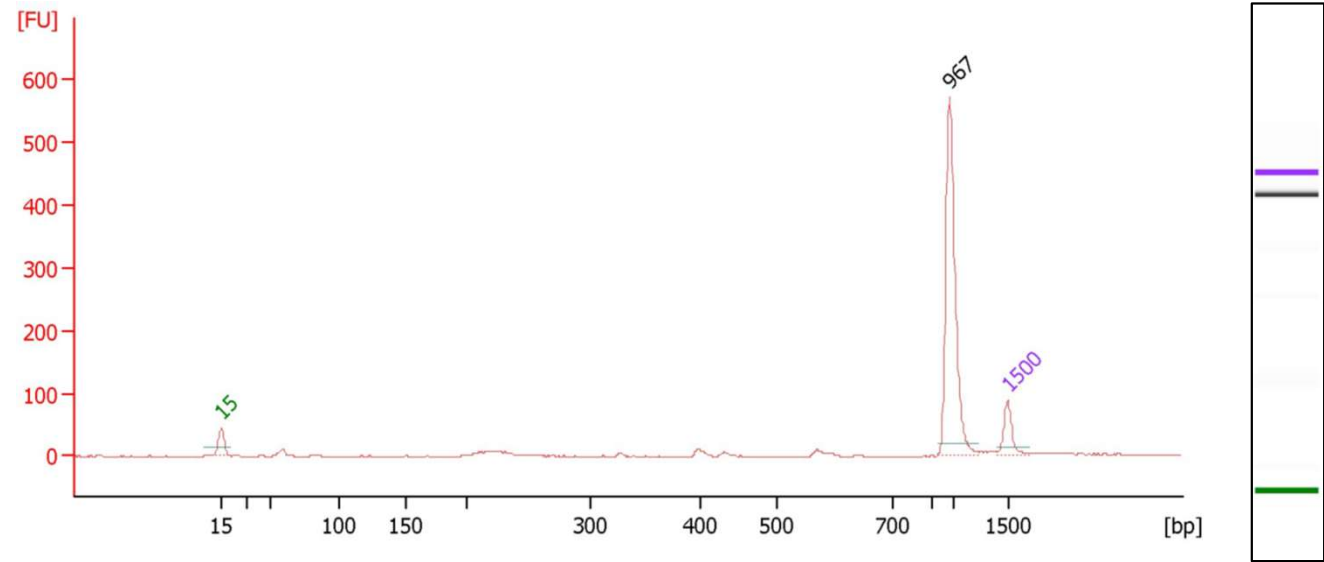
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	969	20.84	32.6	Ladder Peak
3	1,500	2.10	2.2	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100 expert_DNA 1000_DE34903611_2023-03-06_TRN_1_10.xad

Created: 3/06/2023 4:21:53 PM
Modified: 3/06/2023 4:21:53 PM

Electrophoresis File Run Summary

Sample #9: CA5



Peak table for Sample #9 :

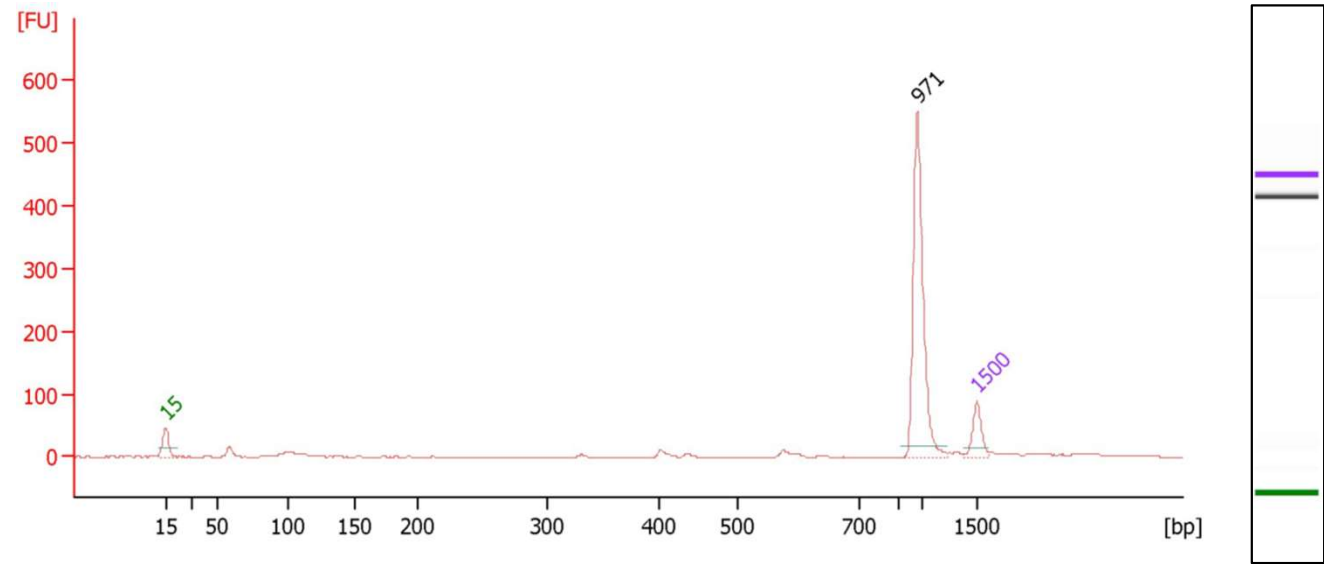
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	967	16.84	26.4	Ladder Peak
3	1,500	2.10	2.2	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100 expert_DNA 1000_DE34903611_2023-03-06_TRN_1_10.xad

Created: 3/06/2023 4:21:53 PM
Modified: 3/06/2023 4:21:53 PM

Electrophoresis File Run Summary

Sample #10: CA6



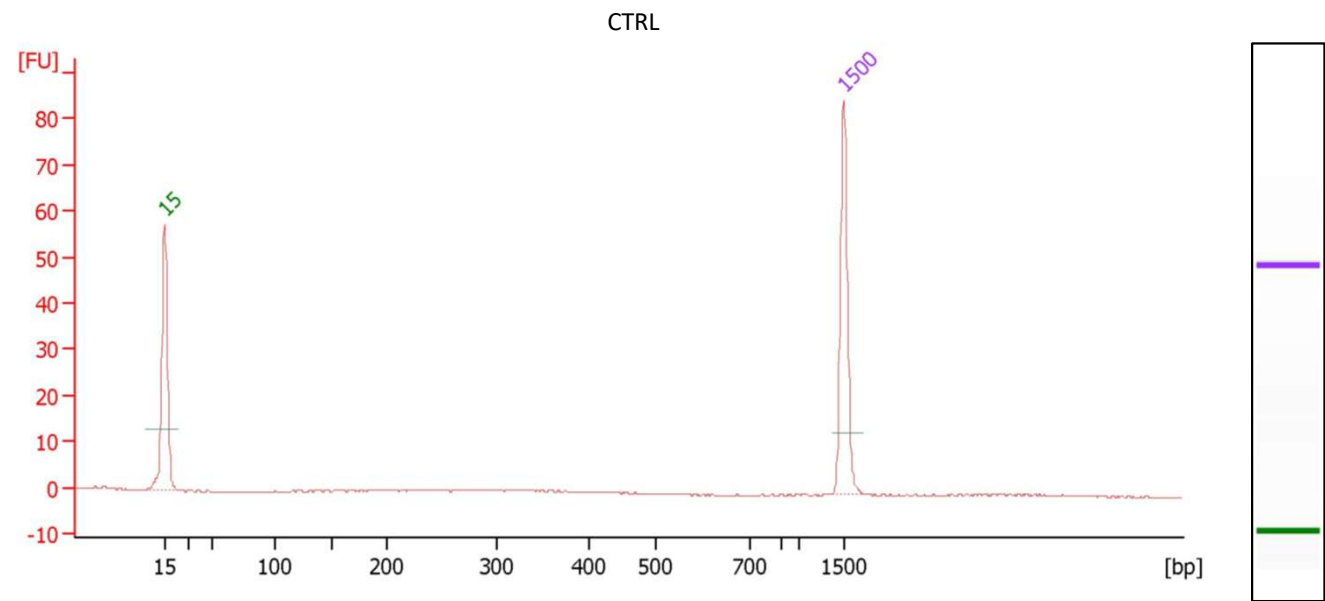
Peak table for Sample #10 :

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	962	15.46	24.5	Ladder Peak
3	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_1_10.xad

Created: 3/06/2023 4:21:53 PM
Modified: 3/06/2023 4:21:53 PM

Electrophoresis File Run Summary



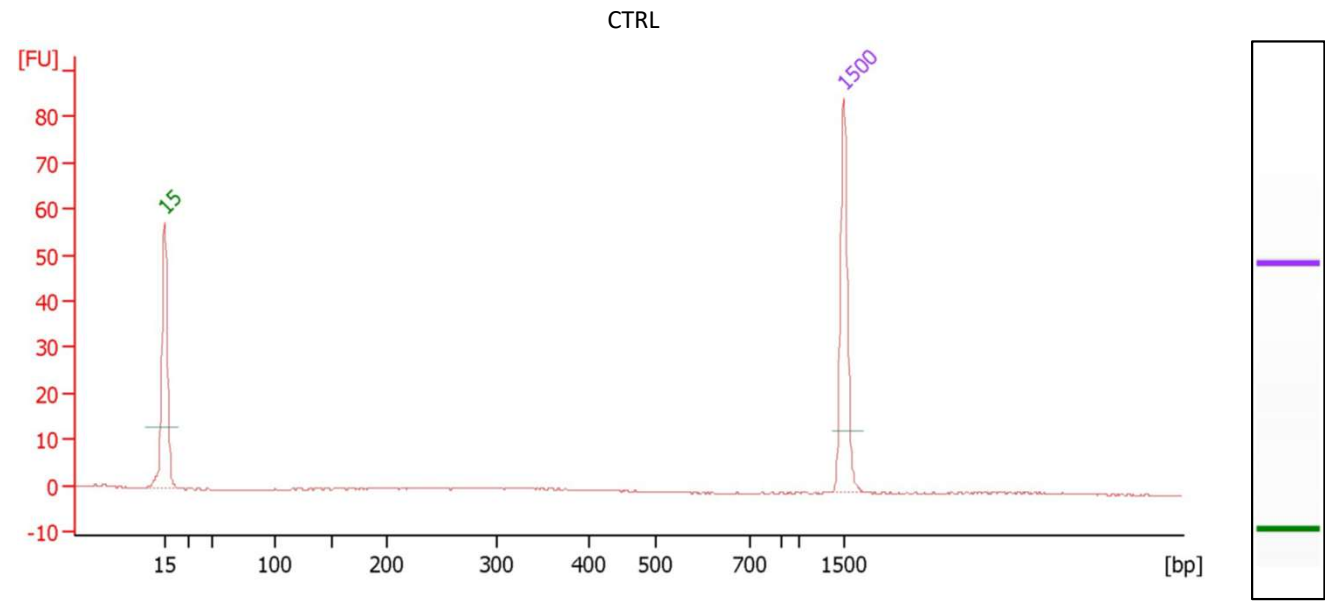
Peak table for Sample CTRL :

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	1,500	2.10	2.2	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_1_10.xad

Created: 3/06/2023 4:21:53 PM
Modified: 3/06/2023 4:21:53 PM

Electrophoresis File Run Summary



Peak table for Sample CTRL :

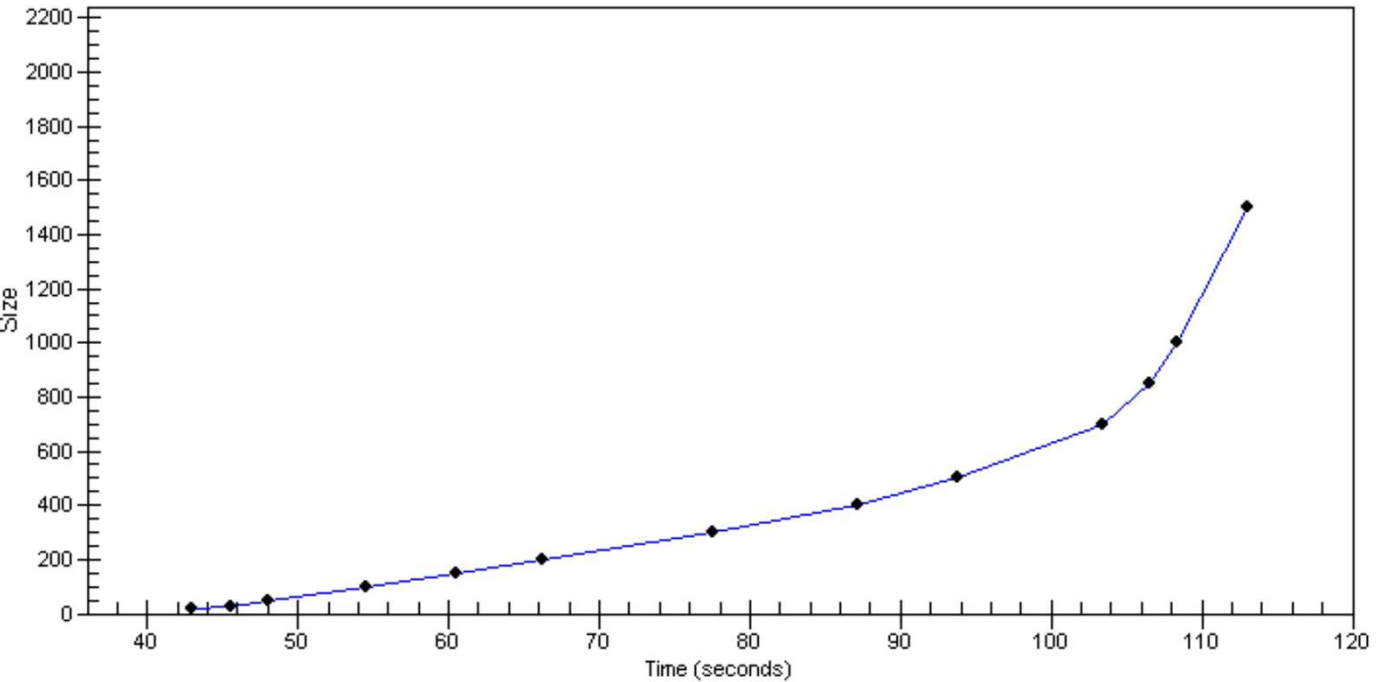
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_1_10.xad

Created: 3/06/2023 4:21:53 PM
Modified: 3/06/2023 4:21:53 PM

Curves

Standard Curve



Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA_1000_DE34903611_2023-03-06_TRN_1_10.xad

Created: 3/06/2023 4:21:53 PM
Modified: 3/06/2023 4:21:53 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Content	Rest. Digest	Status	Observation	Result Label	Result Color
Sample #1		<input type="checkbox"/>	✓			
Sample #2		<input type="checkbox"/>	✓			
Sample #3		<input type="checkbox"/>	✓			
Sample #4		<input type="checkbox"/>	✓			
Sample #5		<input type="checkbox"/>	✓			
Sample #6		<input type="checkbox"/>	✓			
Sample #7		<input type="checkbox"/>	✓			
Sample #8		<input type="checkbox"/>	✓			
Sample #9		<input type="checkbox"/>	✓			
Sample #10		<input type="checkbox"/>	✓			
CTRL		<input type="checkbox"/>	✓			
CTRL		<input type="checkbox"/>	✓			

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA_1000_DE34903611_2023-03-06_TRN_1_10.xad

Created: 3/06/2023 4:21:53 PM
Modified: 3/06/2023 4:21:53 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/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

Result Label
Result Color

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

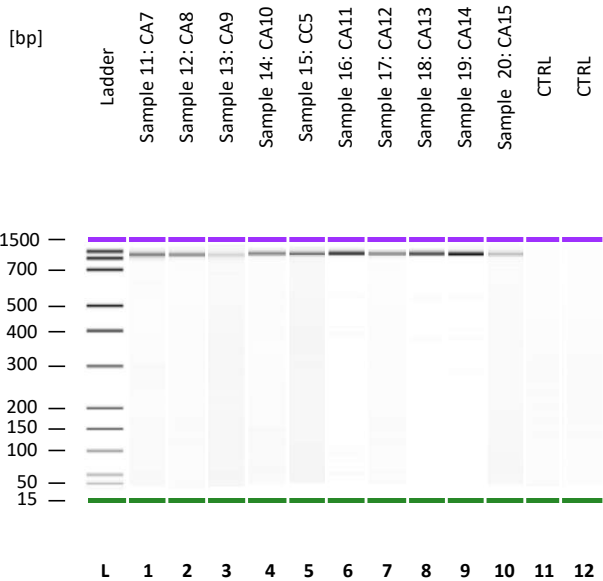
Filter Width [s] : 0.5
Polynomial Order : 4

Ladder

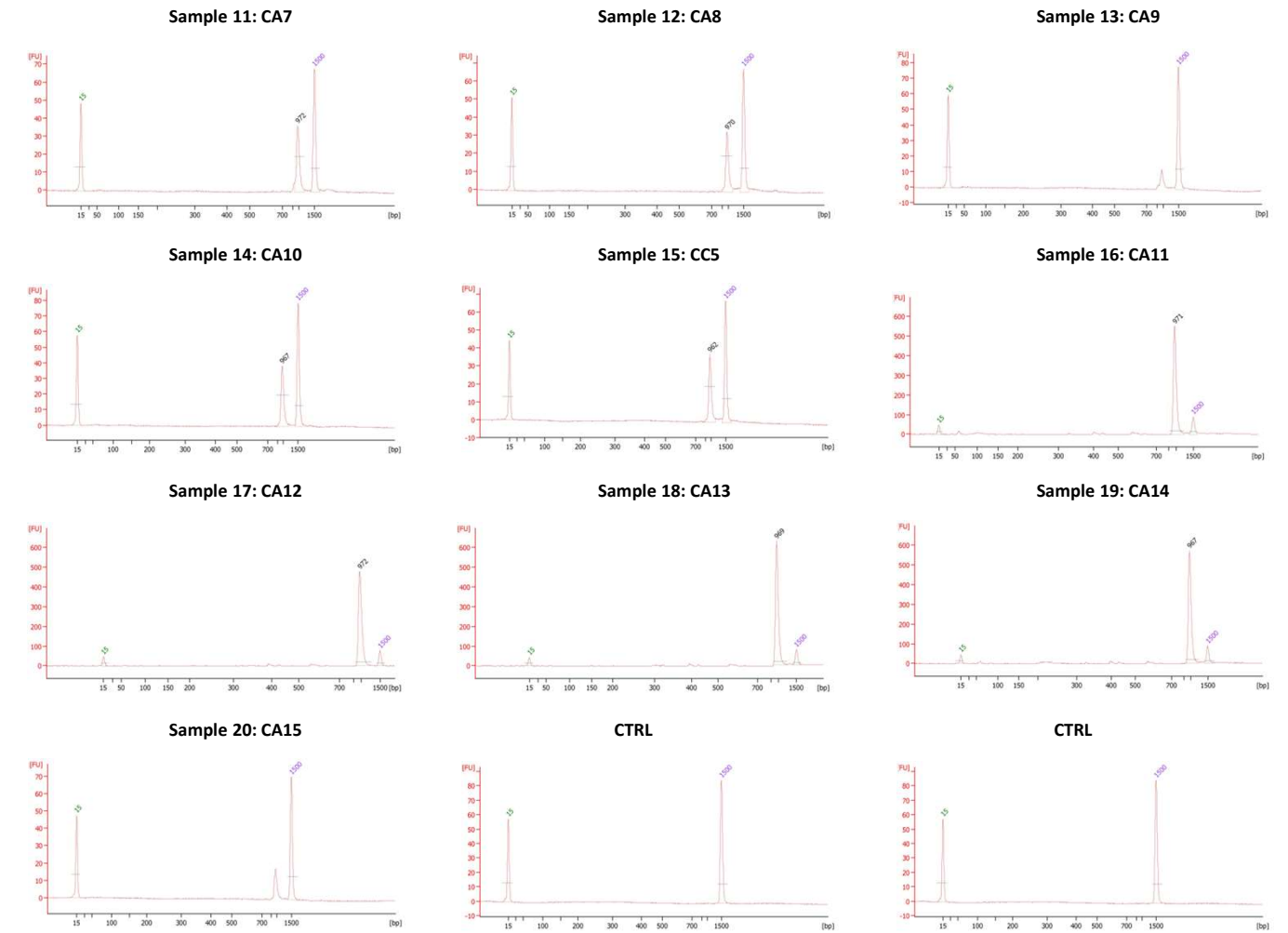
Ladder Peak	Size	Area
1	15	25
2	25	26
3	50	34
4	100	41
5	150	45
6	200	52
7	300	63
8	400	76
9	500	83
10	700	88
11	850	86
12	1000	90
13	1500	52

Assay Class: DNA 1000
Data Path: C:\...-30\2100 expert_DNA 1000_DE34903611_2023-03-06_TRN_11_20.xad
Created: 3/07/2023 9:17:24 AM
Modified: 3/07/2023 9:17:24 AM

Electrophoresis File Run Summary



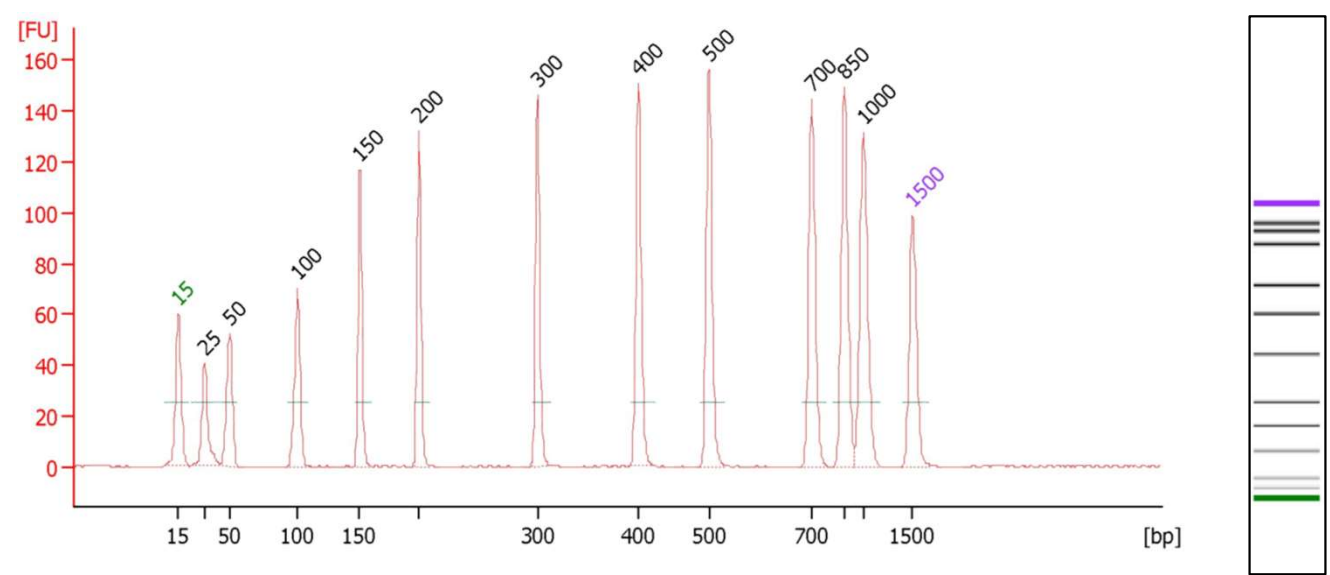
Instrument Information:
Instrument Name: DE34903611
Serial #: DE34903611
Assay Information:
Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\DNA 1000 Series II.xsy
Assay Class: DNA 1000
Version: 2.3
Assay Comments: DNA Analysis 2 - 1000 bp
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Chip Information:
Chip Lot #:
Reagent Kit Lot #:
Chip Comments:



Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_11_20.xad

Created: 3/07/2023 9:17:24 AM
Modified: 3/07/2023 9:17:24 AM

Electrophoresis File Run Summary



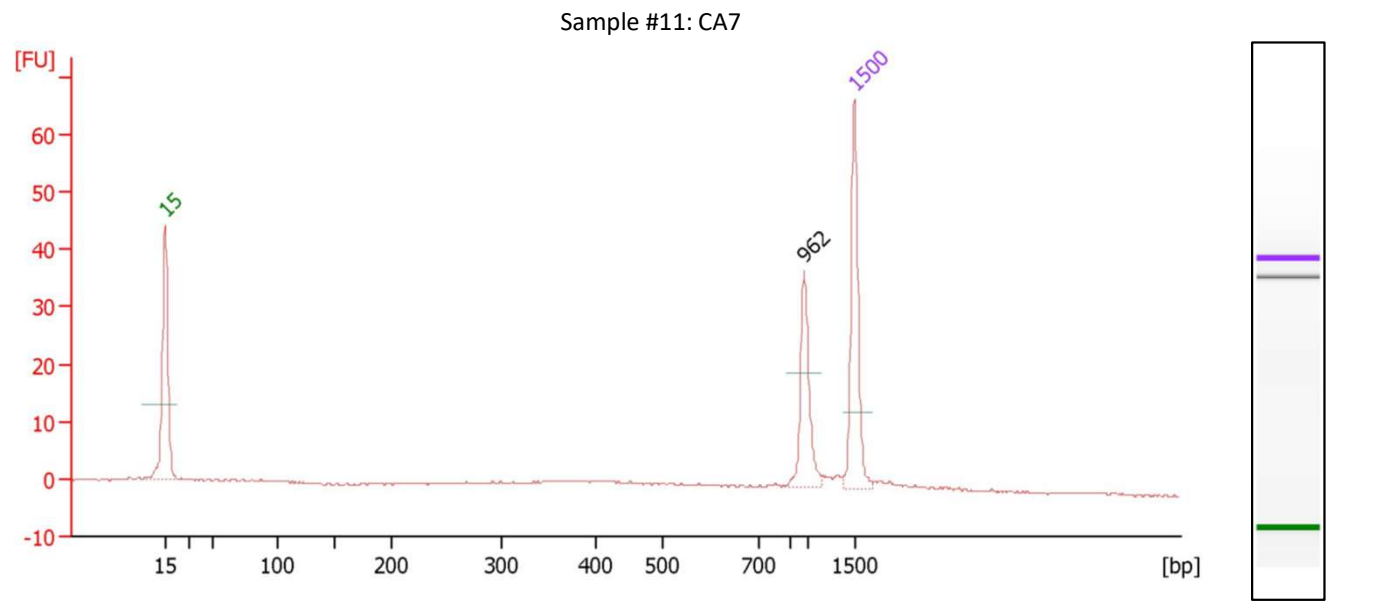
Peak table for Ladder :

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	4.4.2	Lower Marker
2	25	4.00	242.4	Ladder Peak
3	50	4.00	121.2	Ladder Peak
4	100	4.00	60.6	Ladder Peak
5	150	4.00	40.3	Ladder Peak
6	200	4.00	30.3	Ladder Peak
7	300	4.00	20.2	Ladder Peak
8	400	4.00	15.2	Ladder Peak
9	500	4.00	12.1	Ladder Peak
10	700	4.00	8.7	Ladder Peak
11	850	4.00	7.1	Ladder Peak
12	1,000	4.00	6.1	Ladder Peak
13	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_11_20.xad

Created: 3/07/2023 9:17:24 AM
Modified: 3/07/2023 9:17:24 AM

Electrophoresis File Run Summary



Peak table for Sample #11 :

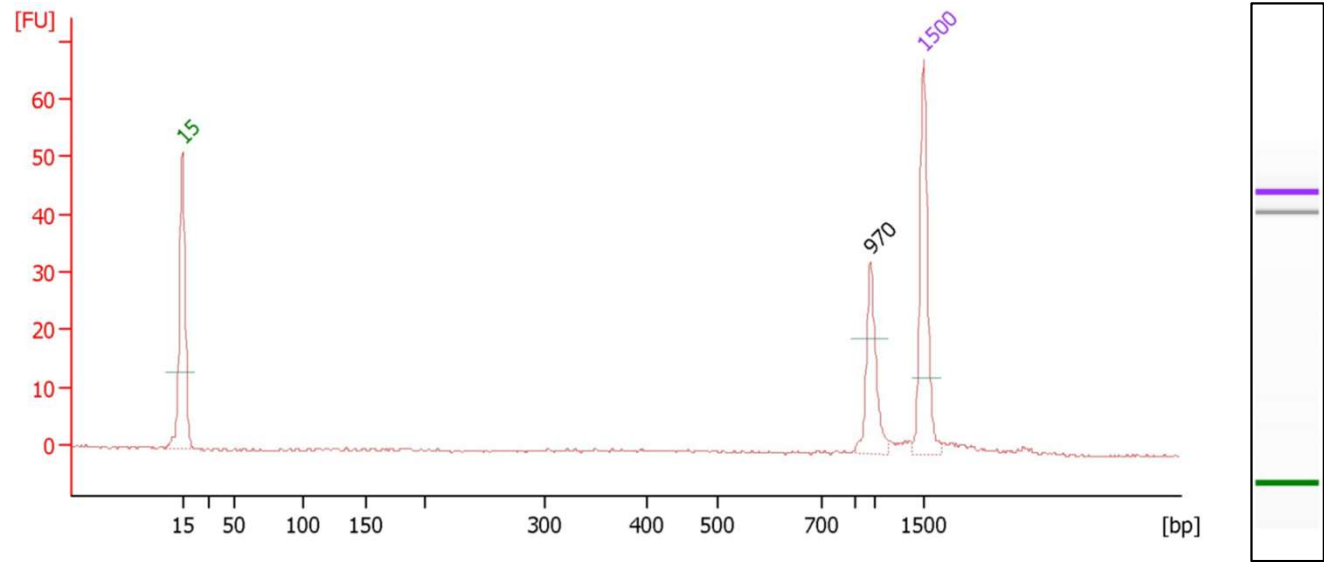
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	962	1.58	2.5	Ladder Peak
3	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100 expert_DNA 1000_DE34903611_2023-03-06_TRN_11_20.xad

Created: 3/07/2023 9:17:24 AM
Modified: 3/07/2023 9:17:24 AM

Electrophoresis File Run Summary

Sample #12: CA8



Peak table for Sample #12 :

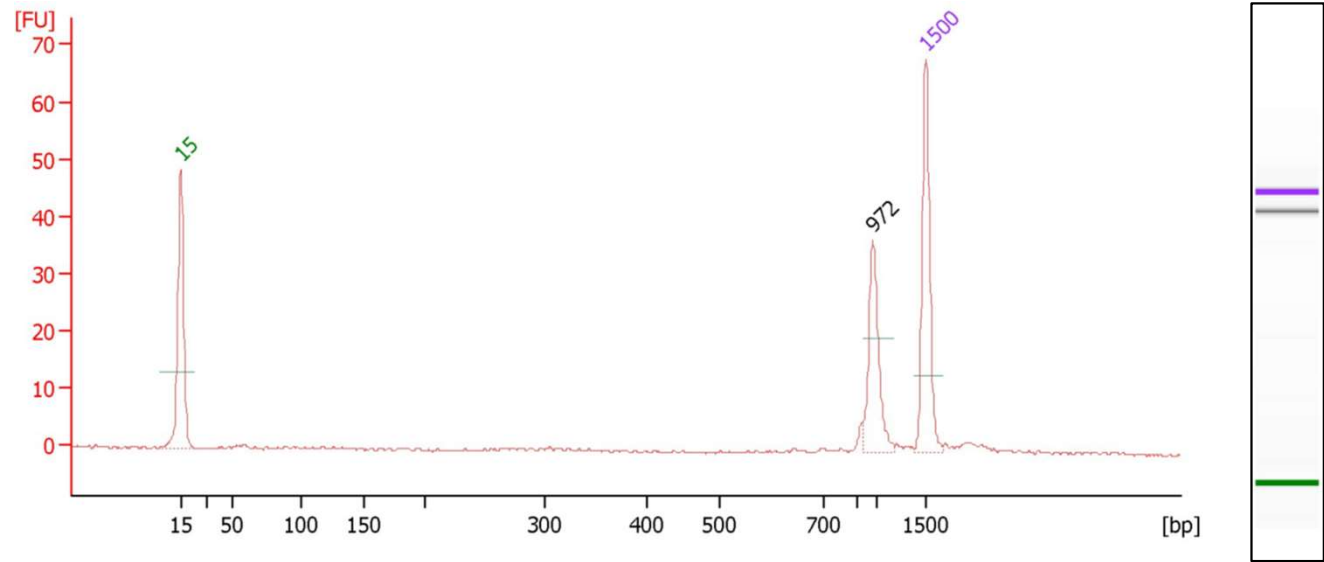
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	970	1.41	2.2	Ladder Peak
3	1,500	2.10	2.2	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_11_20.xad

Created: 3/07/2023 9:17:24 AM
Modified: 3/07/2023 9:17:24 AM

Electrophoresis File Run Summary

Sample #13: CA9



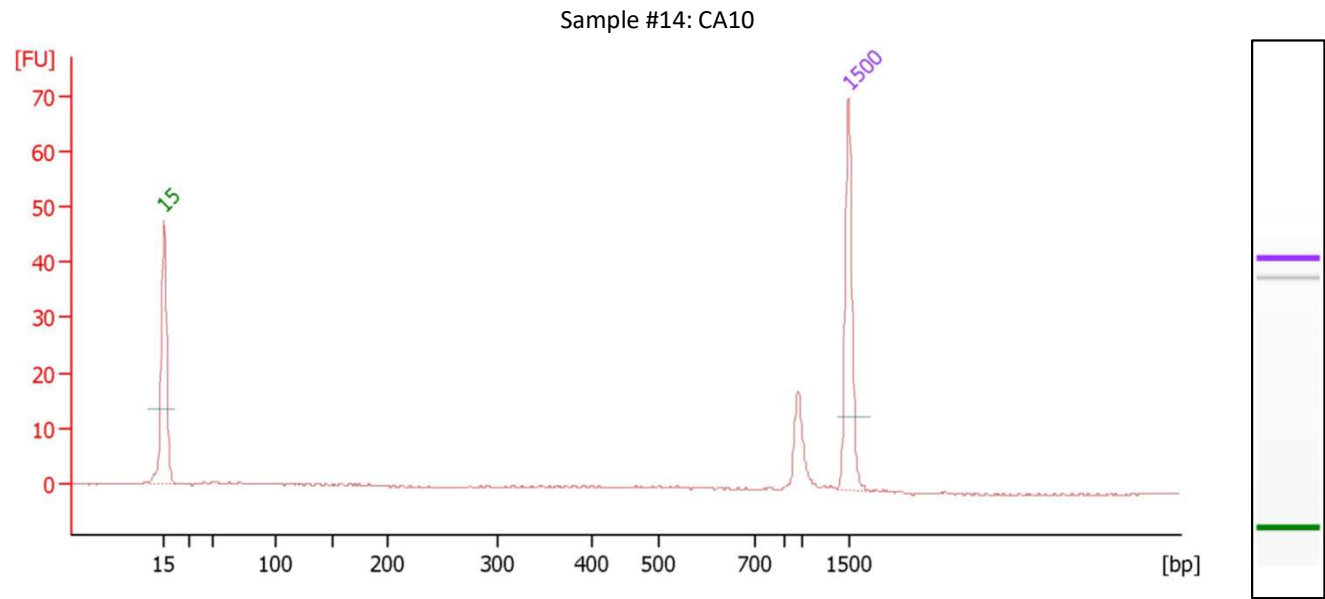
Peak table for Sample #13 :

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	972	1.63	2.5	Ladder Peak
3	1,500	2.10	2.2	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_11_20.xad

Created: 3/07/2023 9:17:24 AM
Modified: 3/07/2023 9:17:24 AM

Electrophoresis File Run Summary



Peak table for Sample #14 :

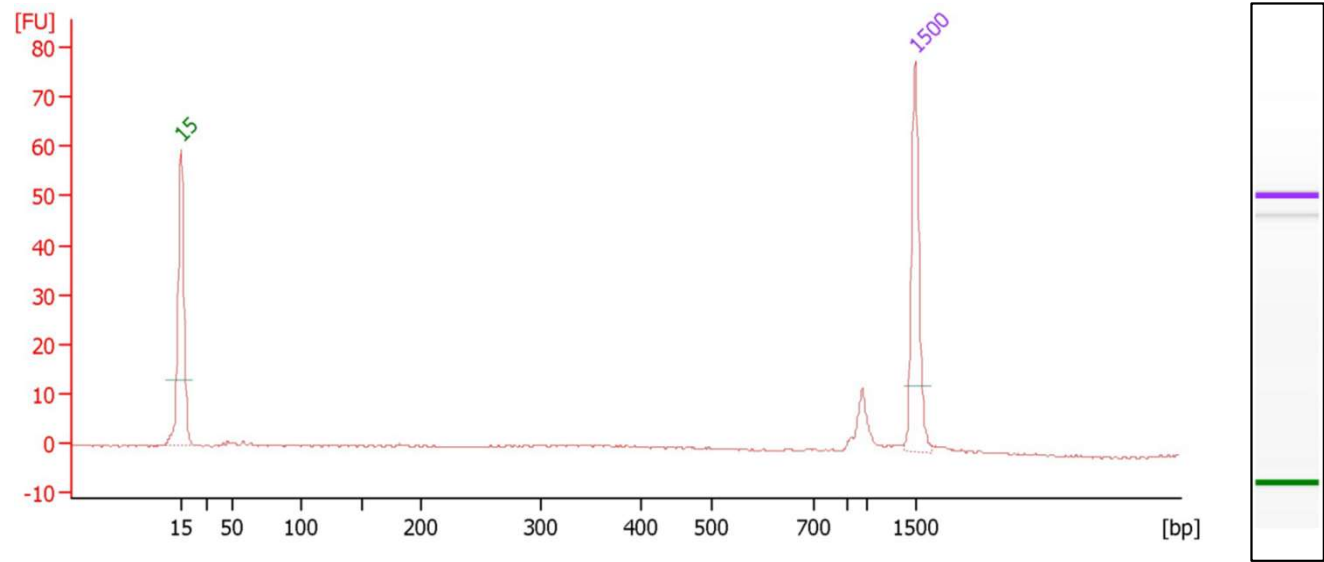
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_11_20.xad

Created: 3/07/2023 9:17:24 AM
Modified: 3/07/2023 9:17:24 AM

Electrophoresis File Run Summary

Sample #15: CC5



Peak table for Sample #15 :

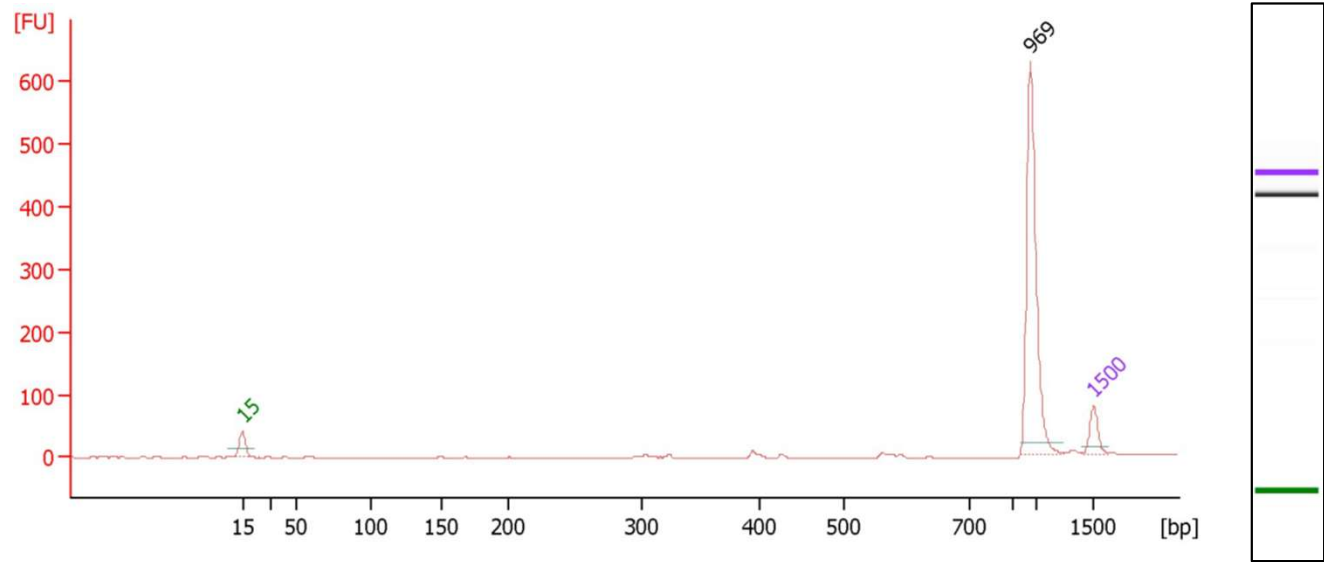
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100 expert_DNA 1000_DE34903611_2023-03-06_TRN_11_20.xad

Created: 3/07/2023 9:17:24 AM
Modified: 3/07/2023 9:17:24 AM

Electrophoresis File Run Summary

Sample #16: CA11



Peak table for Sample #16 :

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	969	20.84	32.6	Ladder Peak
3	1,500	2.10	2.2	Upper Marker

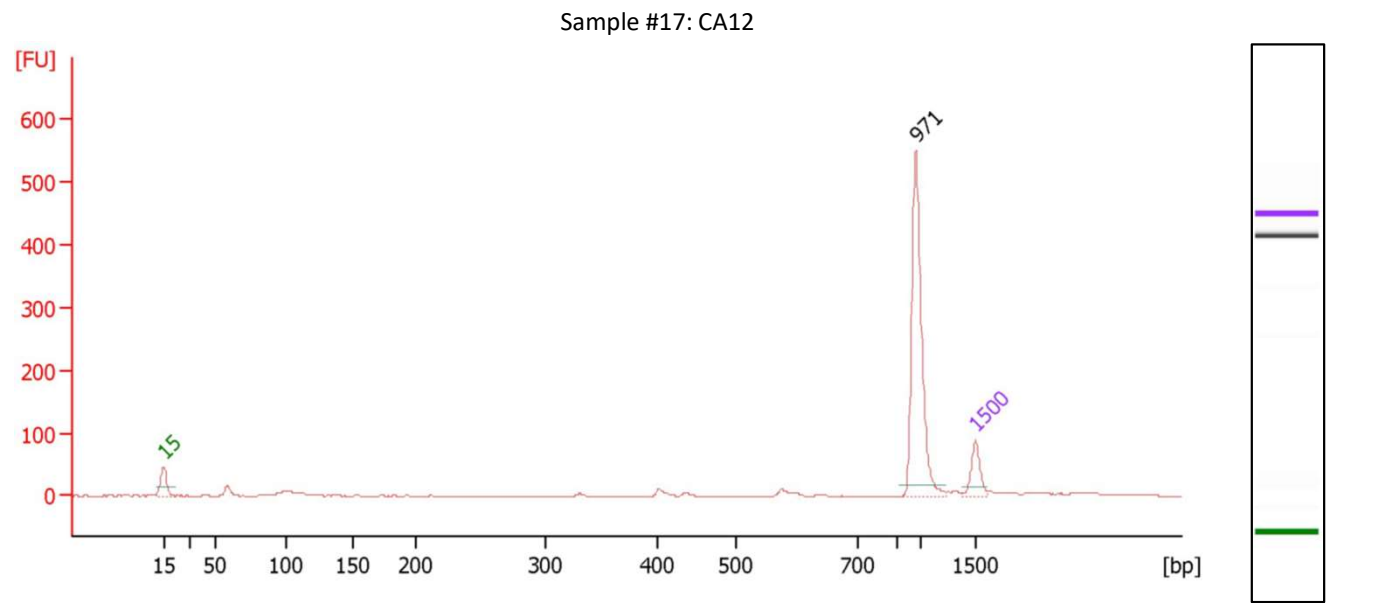
Assay Class: DNA 1000

Created: 3/07/2023 9:17:24 AM

Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_11_20.xad

Modified: 3/07/2023 9:17:24 AM

Electrophoresis File Run Summary

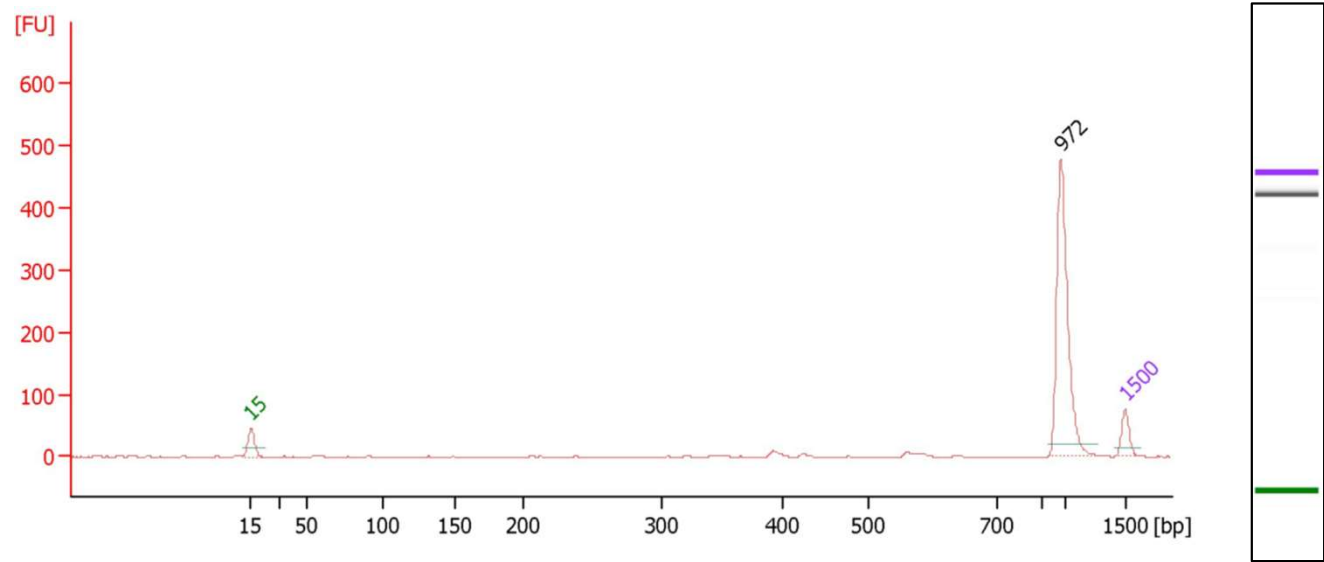


Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_11_20.xad

Created: 3/07/2023 9:17:24 AM
Modified: 3/07/2023 9:17:24 AM

Electrophoresis File Run Summary

Sample #18: CA13



Peak table for Sample #7 :

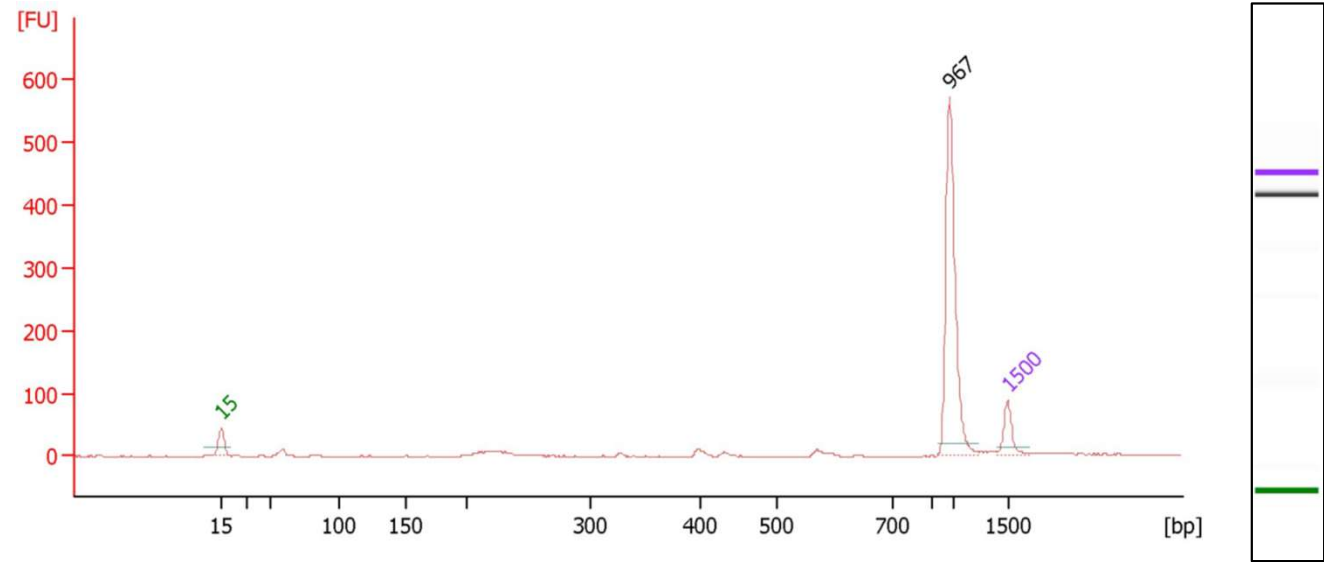
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	972	20.68	32.2	Ladder Peak
3	1,500	2.10	2.2	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_11_20.xad

Created: 3/07/2023 9:17:24 AM
Modified: 3/07/2023 9:17:24 AM

Electrophoresis File Run Summary

Sample #19: CA14



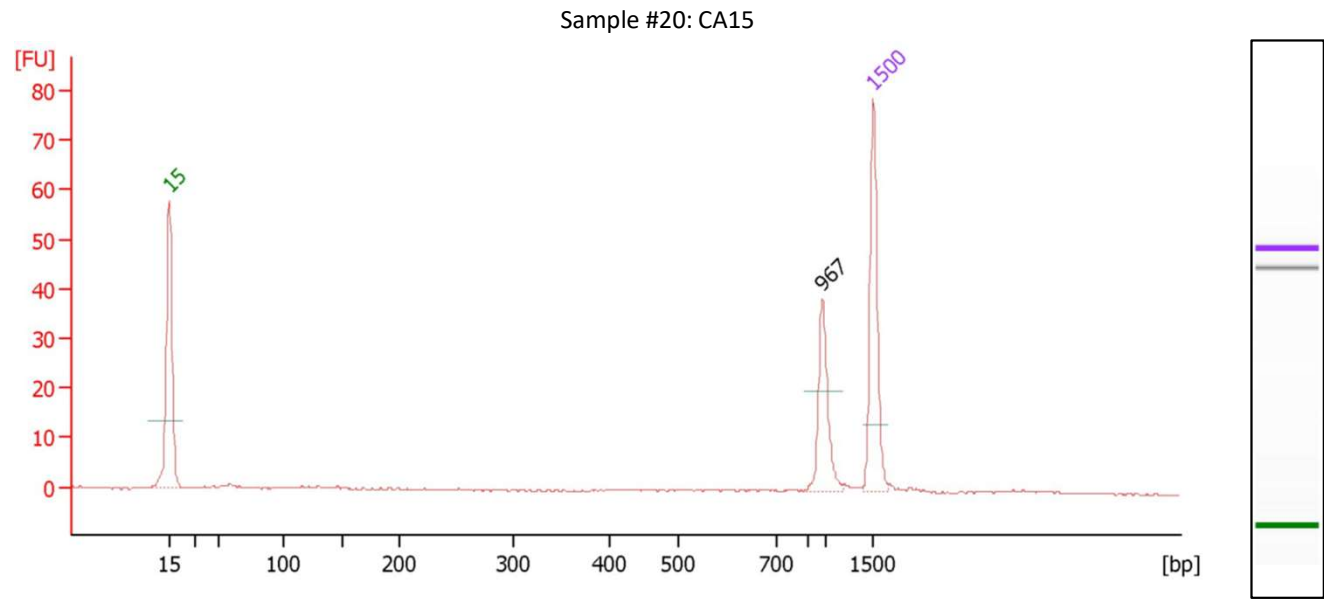
Peak table for Sample #9 :

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	967	16.84	26.4	Ladder Peak
3	1,500	2.10	2.2	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100 expert_DNA 1000_DE34903611_2023-03-06_TRN_11_20.xad

Created: 3/07/2023 9:17:24 AM
Modified: 3/07/2023 9:17:24 AM

Electrophoresis File Run Summary



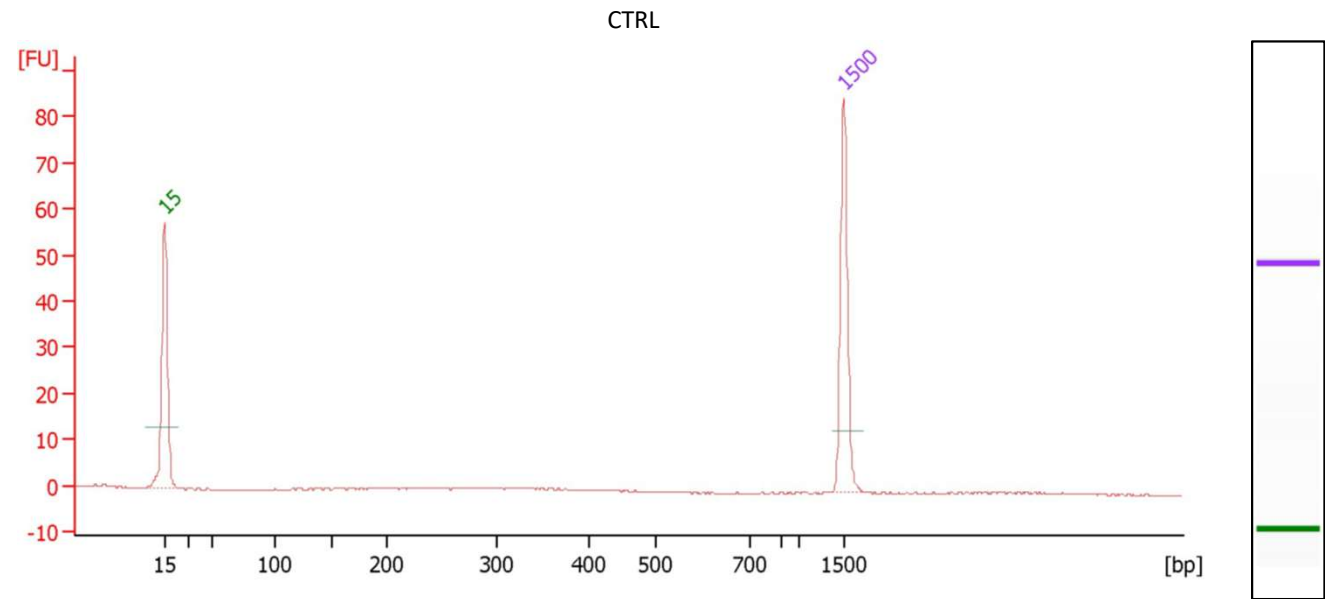
Peak table for Sample #4 :

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.2	Lower Marker
2	967	1.43	2.2	Ladder Peak
3	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_11_20.xad

Created: 3/07/2023 9:17:24 AM
Modified: 3/07/2023 9:17:24 AM

Electrophoresis File Run Summary



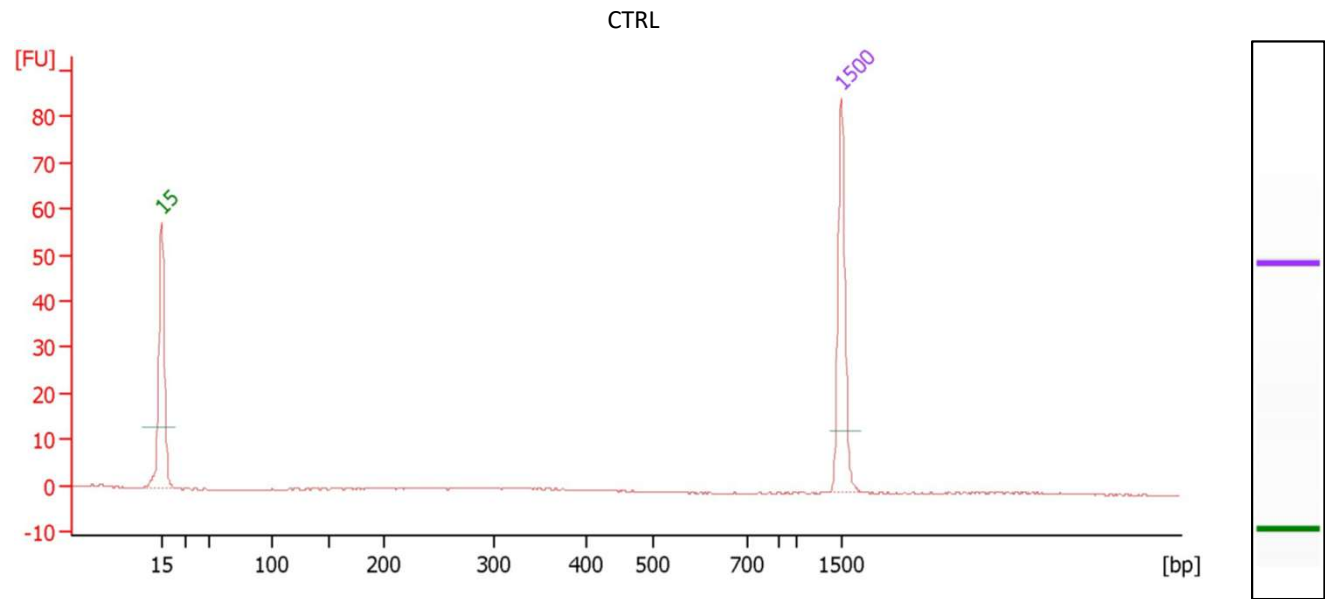
Peak table for Sample CTRL :

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	1,500	2.10	2.2	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100 expert_DNA 1000_DE34903611_2023-03-06_TRN_11_20.xad

Created: 3/07/2023 9:17:24 AM
Modified: 3/07/2023 9:17:24 AM

Electrophoresis File Run Summary



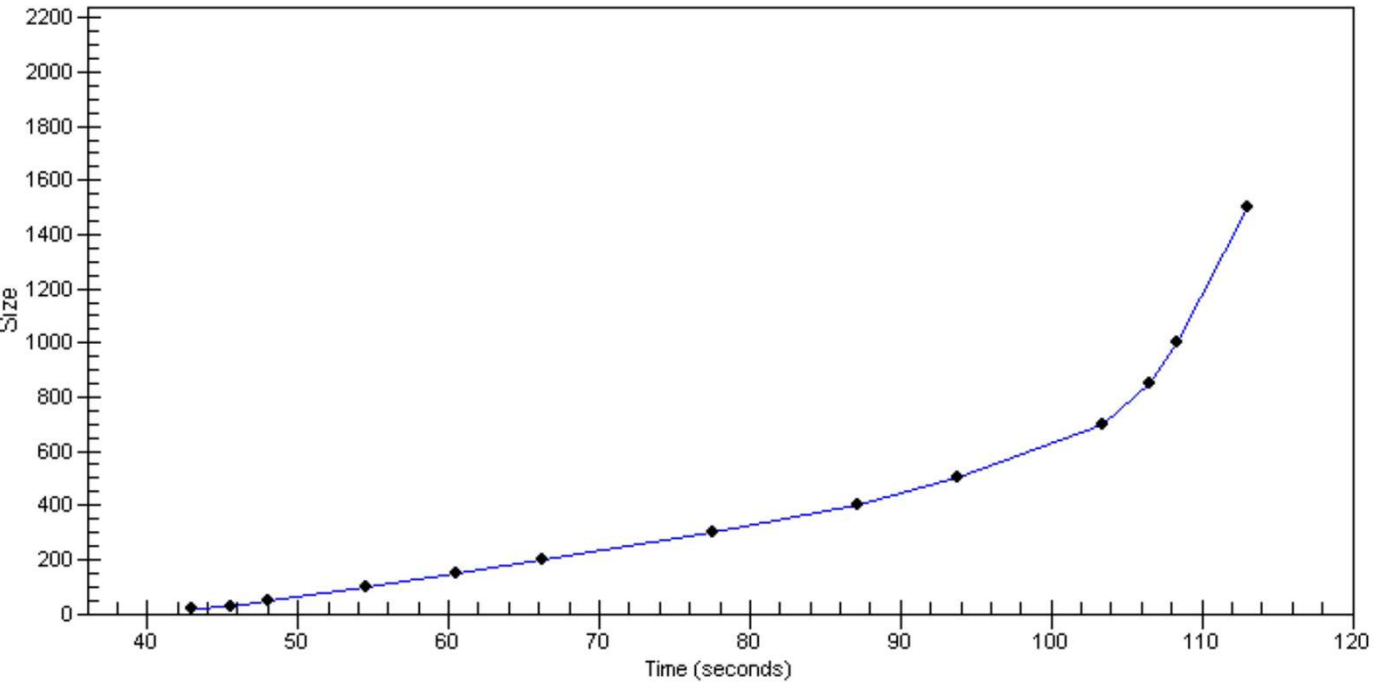
Peak table for Sample CTRL :

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_11_20.xad
Created: 3/07/2023 9:17:24 AM
Modified: 3/07/2023 9:17:24 AM

Curves

Standard Curve



Assay Class: DNA 1000

Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_11_20.xad

Created: 3/07/2023 9:17:24 AM

Modified: 3/07/2023 9:17:24 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Content	Rest. Digest	Status	Observation	Result Label	Result Color
Sample #11		<input type="checkbox"/>	✓			
Sample #12		<input type="checkbox"/>	✓			
Sample #13		<input type="checkbox"/>	✓			
Sample #14		<input type="checkbox"/>	✓			
Sample #15		<input type="checkbox"/>	✓			
Sample #16		<input type="checkbox"/>	✓			
Sample #17		<input type="checkbox"/>	✓			
Sample #18		<input type="checkbox"/>	✓			
Sample #19		<input type="checkbox"/>	✓			
Sample #20		<input type="checkbox"/>	✓			
CTRL		<input type="checkbox"/>	✓			
CTRL		<input type="checkbox"/>	✓			

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA_1000_DE34903611_2023-03-06_TRN_11_20.xad

Created: 3/07/2023 9:17:24 AM
Modified: 3/07/2023 9:17:24 AM

Electrophoresis Assay Details

General Analysis Settings	Result Label	Result Color
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

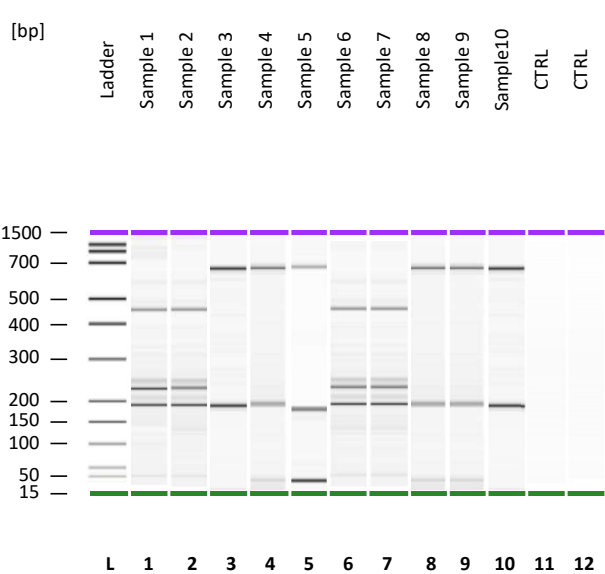
Assay Class: DNA 1000

Created: 3/07/2023 9:17:20 PM

Data Path: C:\...-30\2100_expert_DNA_1000_DE34903611_2023-03-06_TRN_Alul_1_10.xad

Modified: 3/07/2023 9:17:20 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE34903611

Firmware: C.01.069

Serial #: DE34903611

Type: G2938C

Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100_expert\assays\dsDNA\DNA 1000 Series II.xsy

Assay Class: DNA 1000

Version: 2.3

Assay Comments: DNA Analysis 2 - 1000 bp

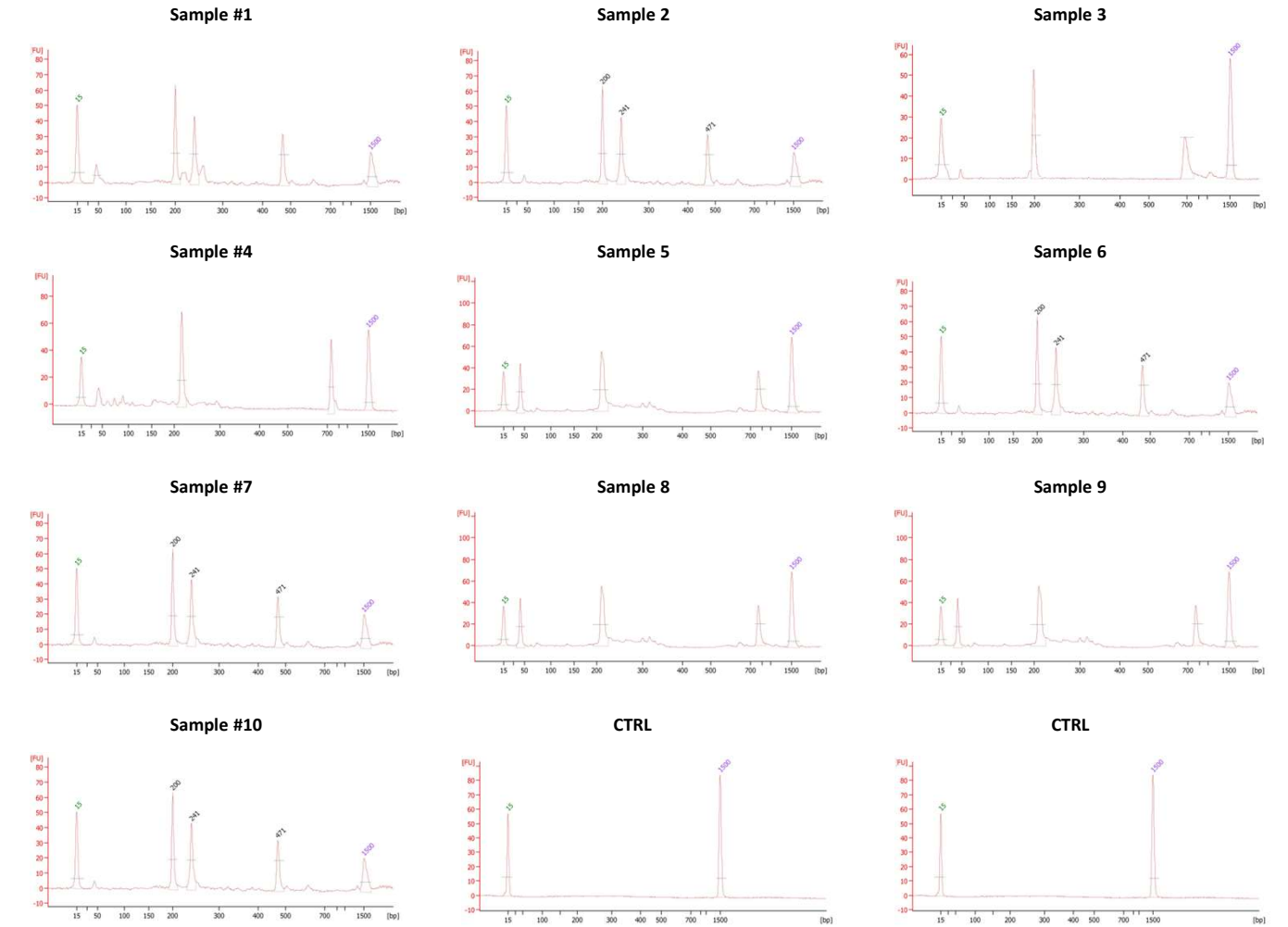
© Copyright 2003-2009 Agilent Technologies, Inc.

Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



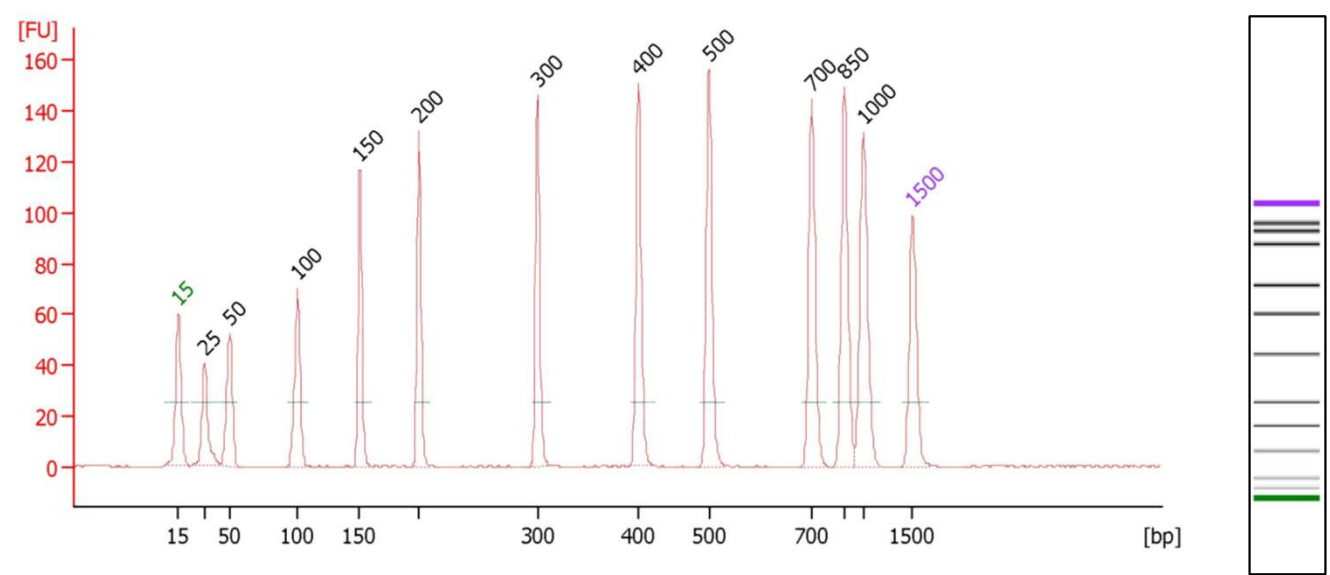
Assay Class: DNA 1000

Created: 3/07/2023 9:17:20 PM

Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_Alul_1_10.xad

Modified: 3/07/2023 9:17:20 PM

Electrophoresis File Run Summary

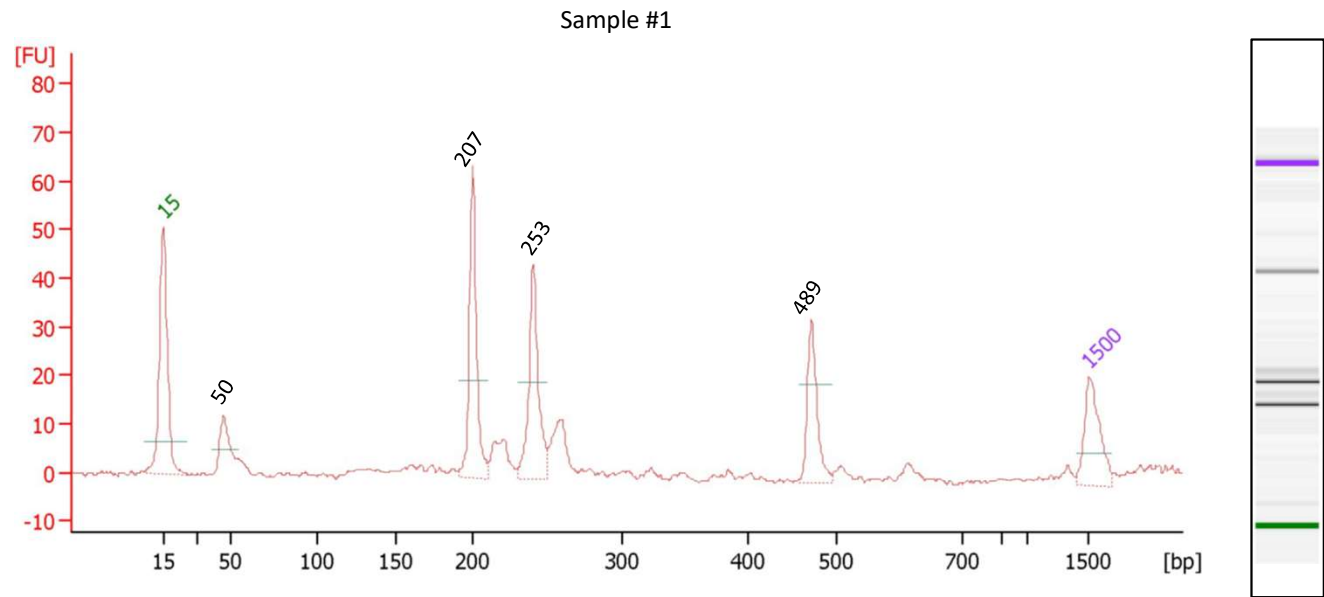


Peak table for Ladder :

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	4.4.2	Lower Marker
2	25	4.00	242.4	Ladder Peak
3	50	4.00	121.2	Ladder Peak
4	100	4.00	60.6	Ladder Peak
5	150	4.00	40.3	Ladder Peak
6	200	4.00	30.3	Ladder Peak
7	300	4.00	20.2	Ladder Peak
8	400	4.00	15.2	Ladder Peak
9	500	4.00	12.1	Ladder Peak
10	700	4.00	8.7	Ladder Peak
11	850	4.00	7.1	Ladder Peak
12	1,000	4.00	6.1	Ladder Peak
13	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_Alul_1_10.xad
Created: 3/07/2023 9:17:20 PM
Modified: 3/07/2023 9:17:20 PM

Electrophoresis File Run Summary

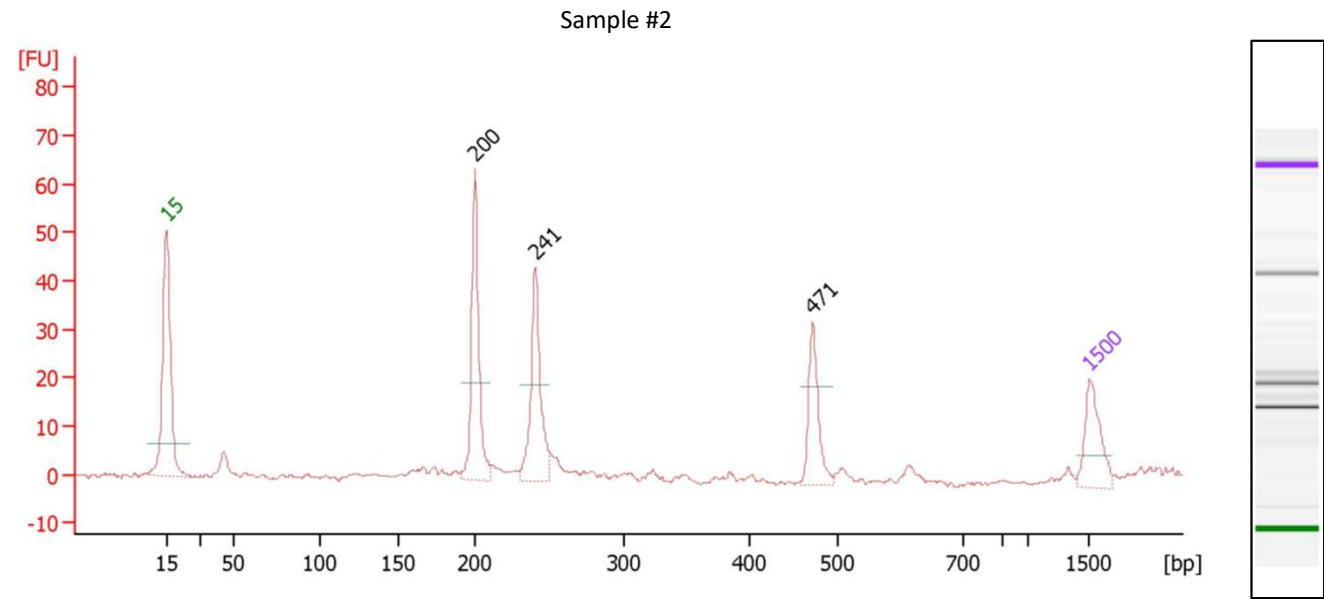


Peak table for Sample #1 :

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	50	0.63	32.5	Ladder Peak
3	207	4.93	27.3	Ladder Peak
4	253	3.25	7.6	Ladder Peak
5	489	2.07	8.4	Ladder Peak
6	1,500	2.10	2.2	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_Alul_1_10.xad
Created: 3/07/2023 9:17:20 PM
Modified: 3/07/2023 9:17:20 PM

Electrophoresis File Run Summary

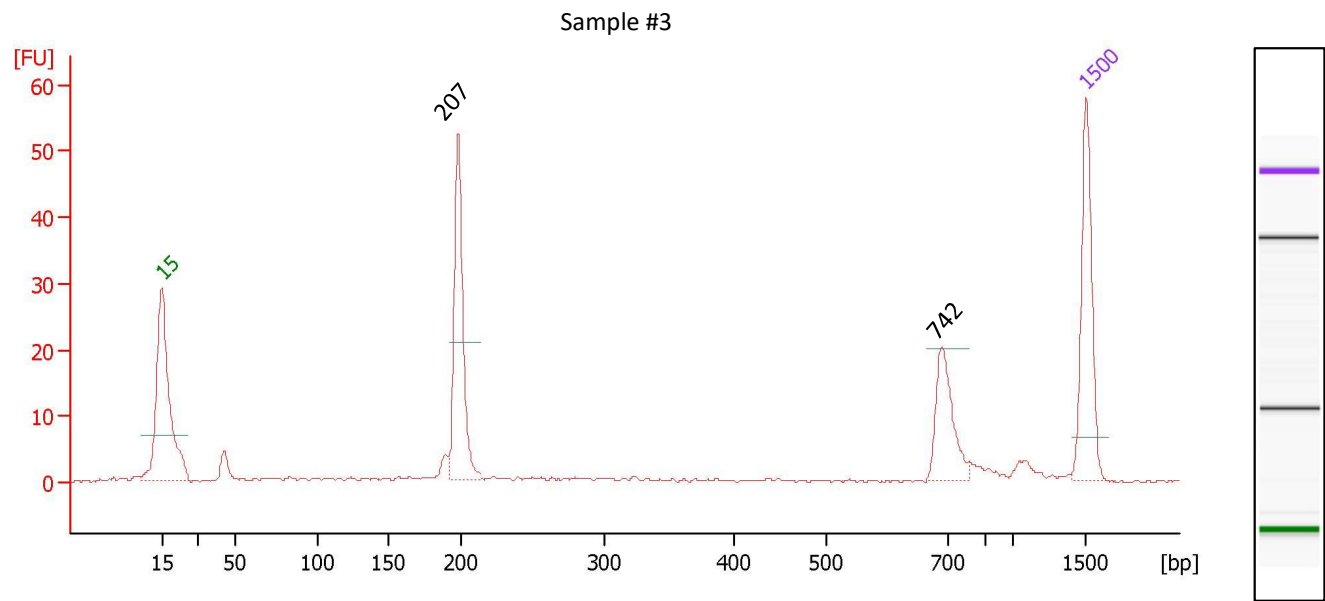


Peak table for Sample #2 :

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	50	0.53	31.4	Ladder Peak
3	200	4.90	26.9	Ladder Peak
4	241	3.20	7.1	Ladder Peak
5	471	2.05	8.1	Ladder Peak
6	1,500	2.10	2.2	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_Alul_1_10.xad
Created: 3/07/2023 9:17:20 PM
Modified: 3/07/2023 9:17:20 PM

Electrophoresis File Run Summary

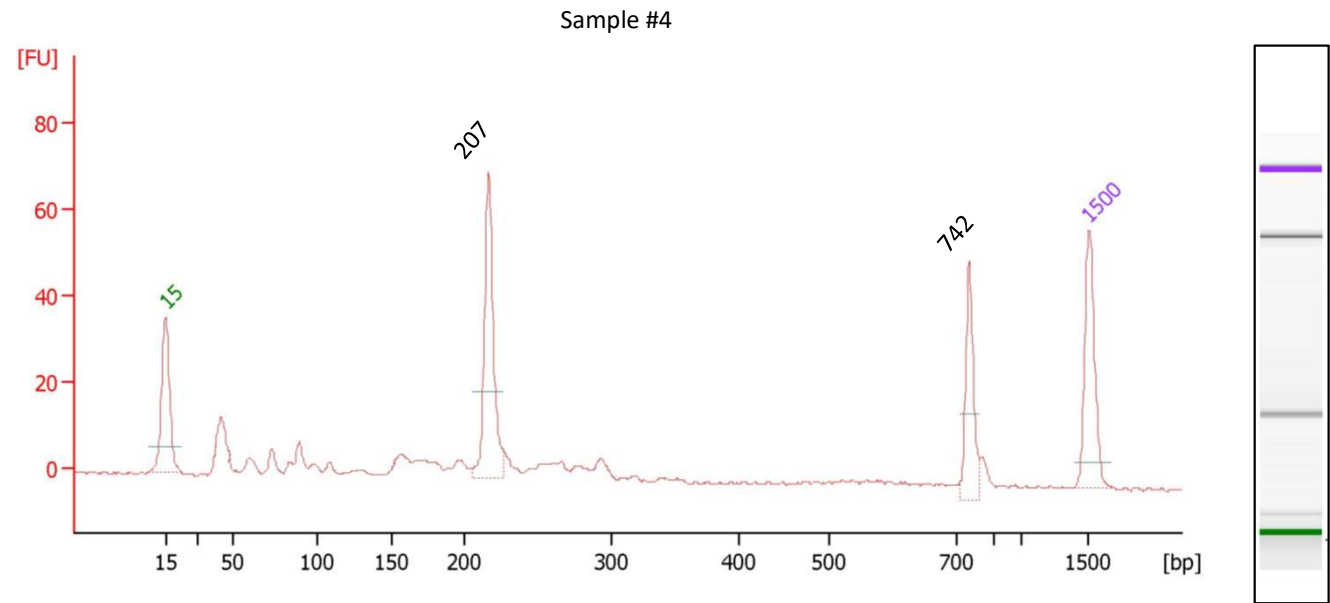


Peak table for Sample #3 :

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	207	2.10	26.9	Ladder Peak
3	741	2.15	7.1	Ladder Peak
4	1,500	2.10	2.2	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_Alul_1_10.xad
Created: 3/07/2023 9:17:20 PM
Modified: 3/07/2023 9:17:20 PM

Electrophoresis File Run Summary

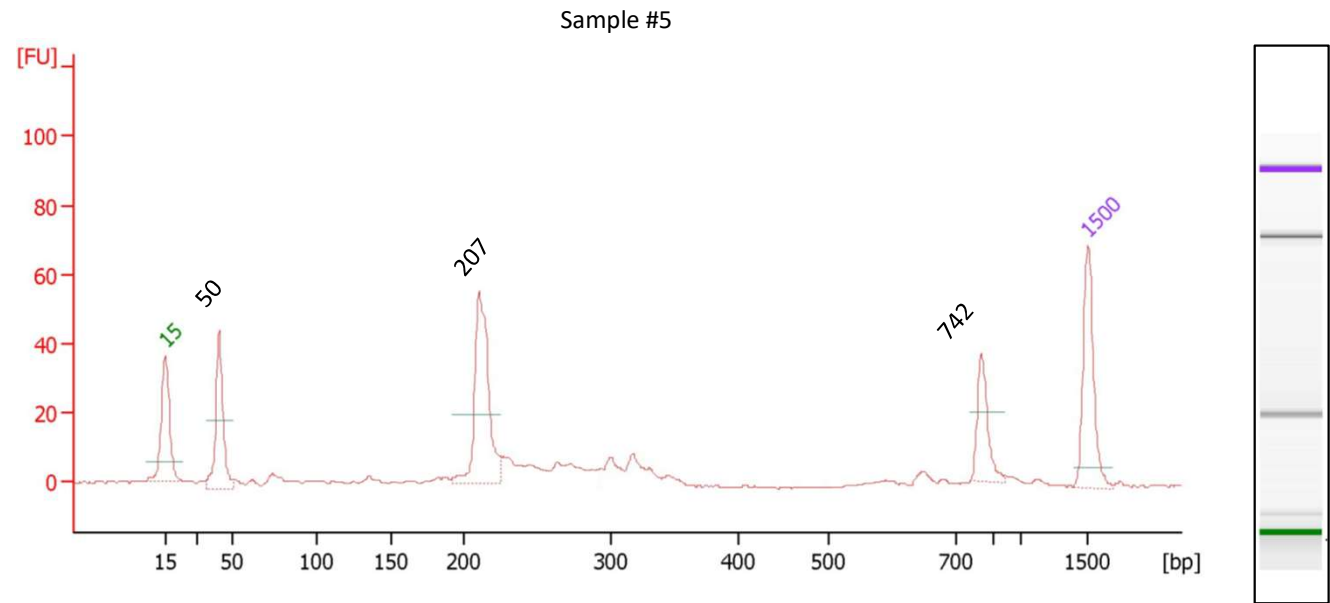


Peak table for Sample #4 :

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	50	1.00	1.23	Ladder Peak
3	207	2.80	16.9	Ladder Peak
4	742	2.95	17.1	Ladder Peak
5	1,500	2.10	2.2	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_Alul_1_10.xad
Created: 3/07/2023 9:17:20 PM
Modified: 3/07/2023 9:17:20 PM

Electrophoresis File Run Summary

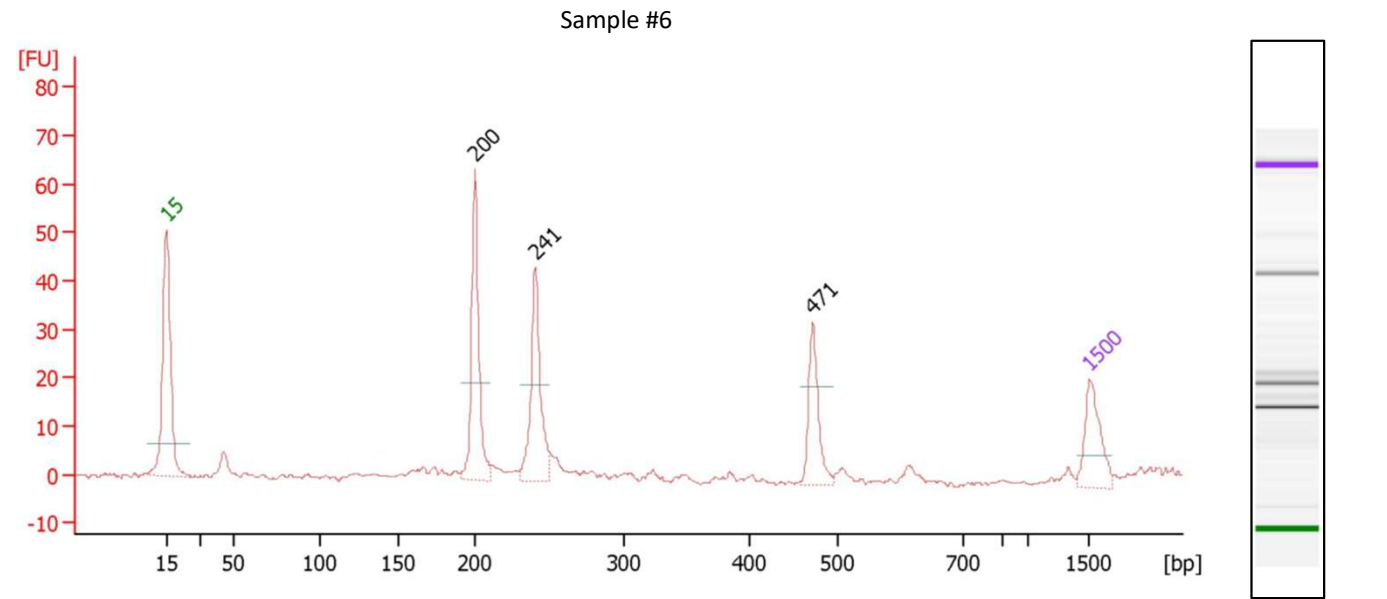


Peak table for Sample #5 :

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	50	2.00	3.3	Ladder Peak
3	207	1.45	11.3	Ladder Peak
4	742	2.35	7.1	Ladder Peak
5	1,500	2.10	2.2	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_Alul_1_10.xad
Created: 3/07/2023 9:17:20 PM
Modified: 3/07/2023 9:17:20 PM

Electrophoresis File Run Summary

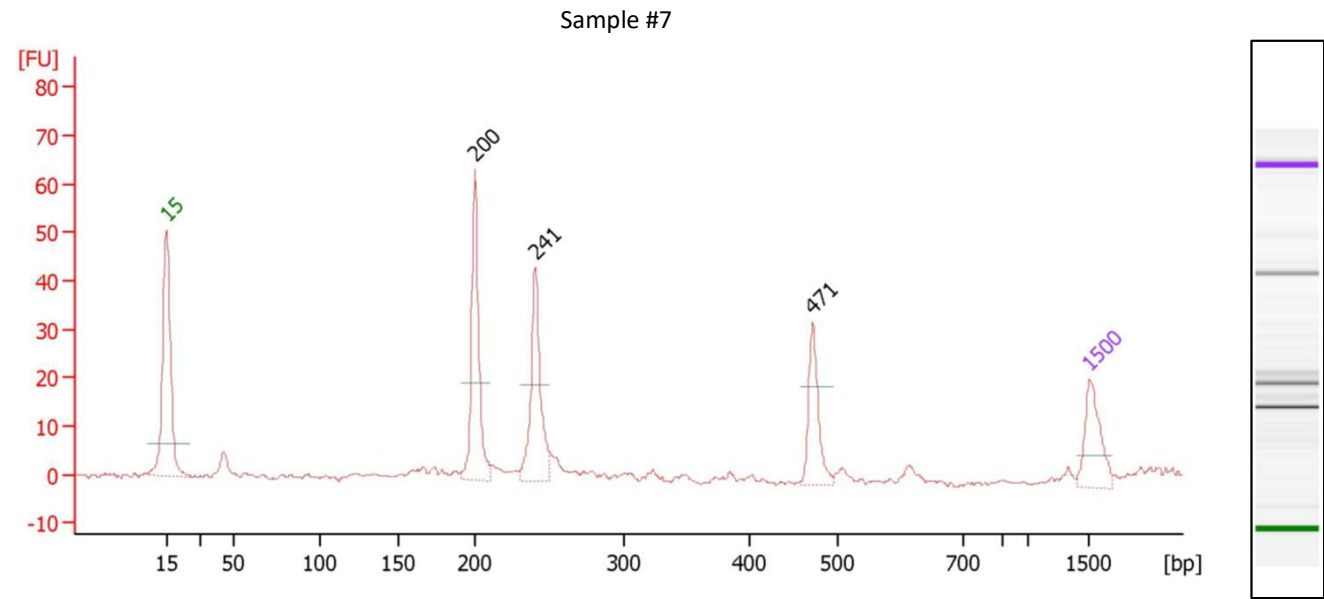


Peak table for Sample #6 :

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	50	0.53	31.4	Ladder Peak
3	200	4.90	26.9	Ladder Peak
4	241	3.20	7.1	Ladder Peak
5	471	2.05	8.1	Ladder Peak
6	1,500	2.10	2.2	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_Alul_1_10.xad
Created: 3/07/2023 9:17:20 PM
Modified: 3/07/2023 9:17:20 PM

Electrophoresis File Run Summary

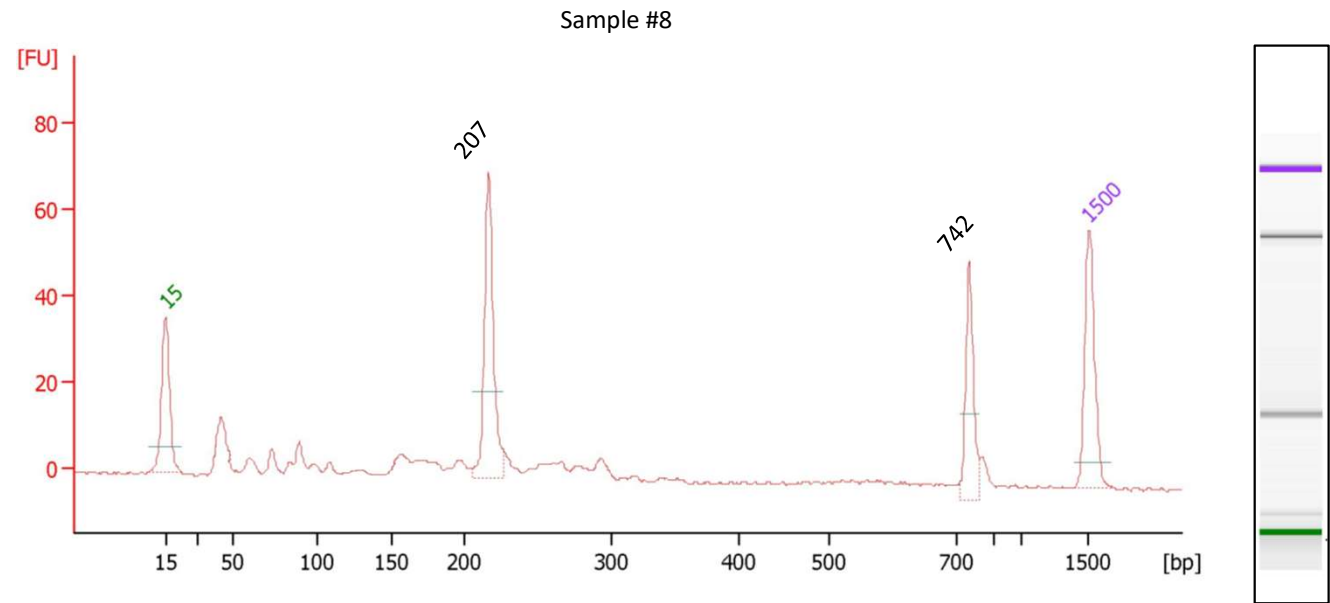


Peak table for Sample #7 :

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	50	0.53	31.4	Ladder Peak
3	200	4.90	26.9	Ladder Peak
4	241	3.20	7.1	Ladder Peak
5	471	2.05	8.1	Ladder Peak
6	1,500	2.10	2.2	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_Alul_1_10.xad
Created: 3/07/2023 9:17:20 PM
Modified: 3/07/2023 9:17:20 PM

Electrophoresis File Run Summary

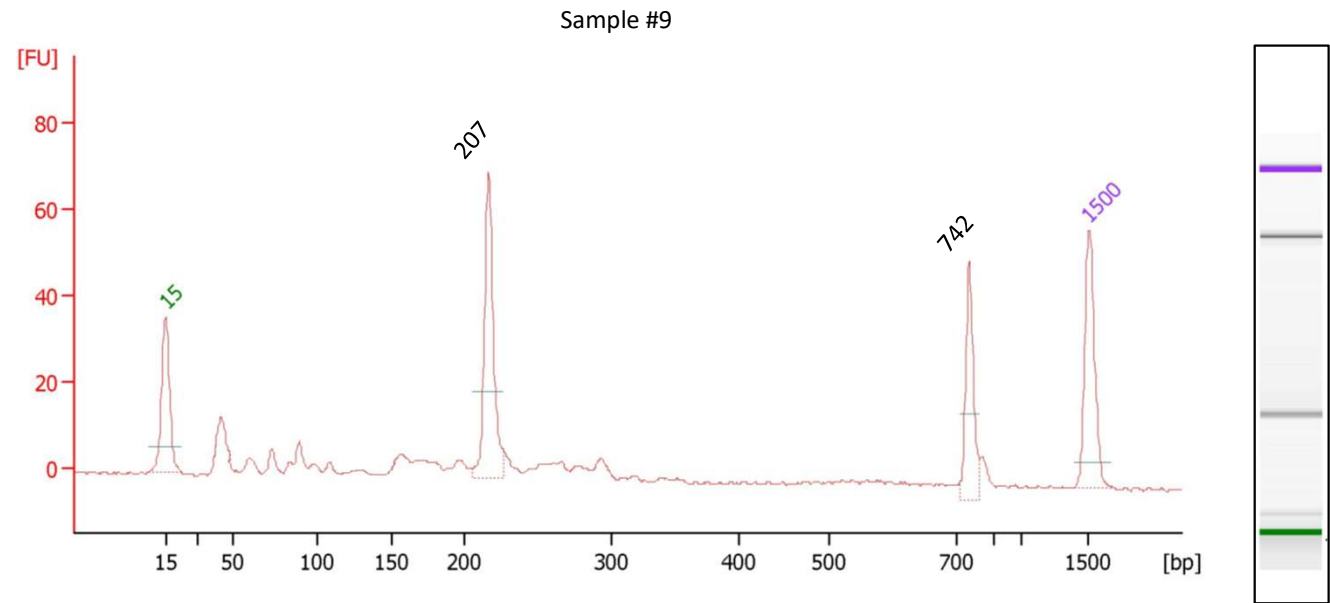


Peak table for Sample #8 :

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	50	1.00	1.23	Ladder Peak
3	207	2.80	16.9	Ladder Peak
4	742	2.95	17.1	Ladder Peak
5	1,500	2.10	2.2	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_Alul_1_10.xad
Created: 3/07/2023 9:17:20 PM
Modified: 3/07/2023 9:17:20 PM

Electrophoresis File Run Summary

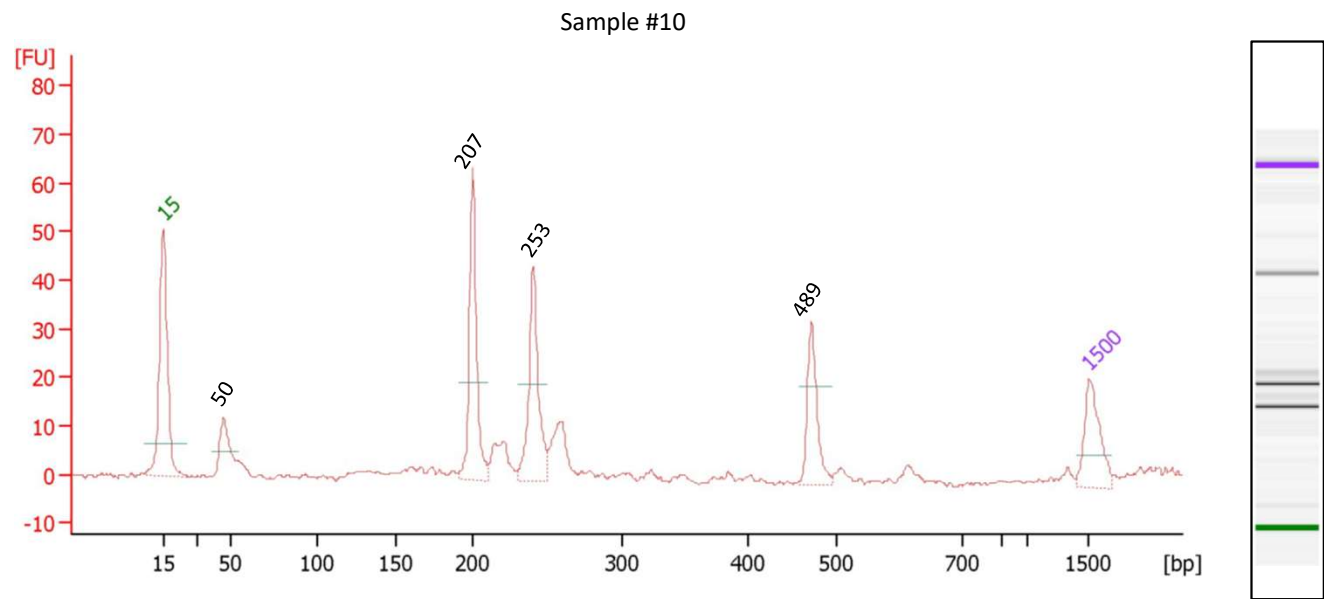


Peak table for Sample #9 :

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	50	1.00	1.23	Ladder Peak
3	207	2.80	16.9	Ladder Peak
4	742	2.95	17.1	Ladder Peak
5	1,500	2.10	2.2	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_Alul_1_10.xad
Created: 3/07/2023 9:17:20 PM
Modified: 3/07/2023 9:17:20 PM

Electrophoresis File Run Summary



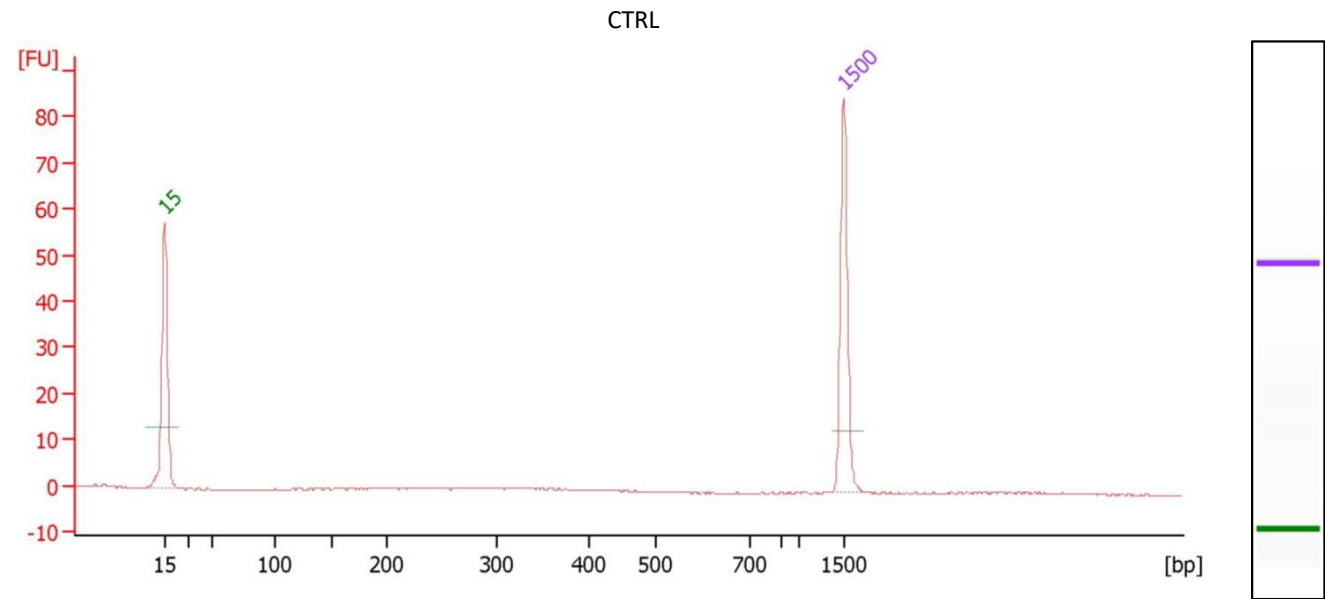
Peak table for Sample #10 :

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	50	0.63	32.5	Ladder Peak
3	207	4.93	27.3	Ladder Peak
4	253	3.25	7.6	Ladder Peak
5	489	2.07	8.4	Ladder Peak
6	1,500	2.10	2.2	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_Alul_1_10.xad

Created: 3/07/2023 9:17:20 PM
Modified: 3/07/2023 9:17:20 PM

Electrophoresis File Run Summary



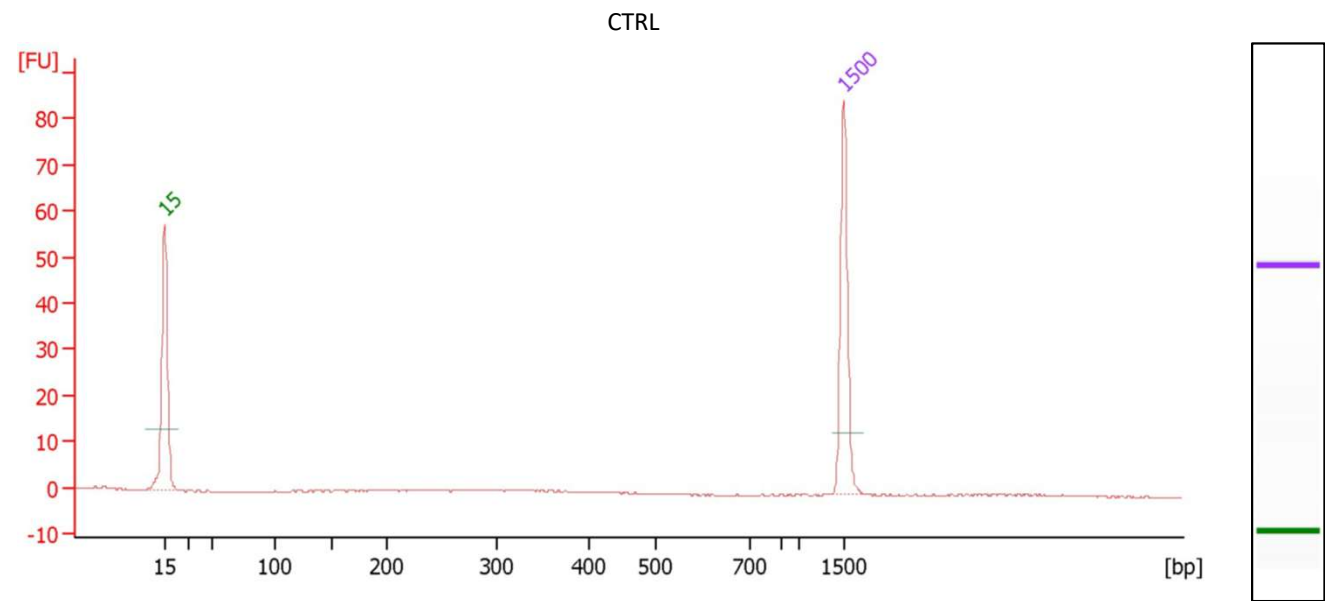
Peak table for Sample CTRL :

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	1,500	2.10	2.2	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_Alul_1_10.xad

Created: 3/07/2023 9:17:20 PM
Modified: 3/07/2023 9:17:20 PM

Electrophoresis File Run Summary



Peak table for Sample CTRL :

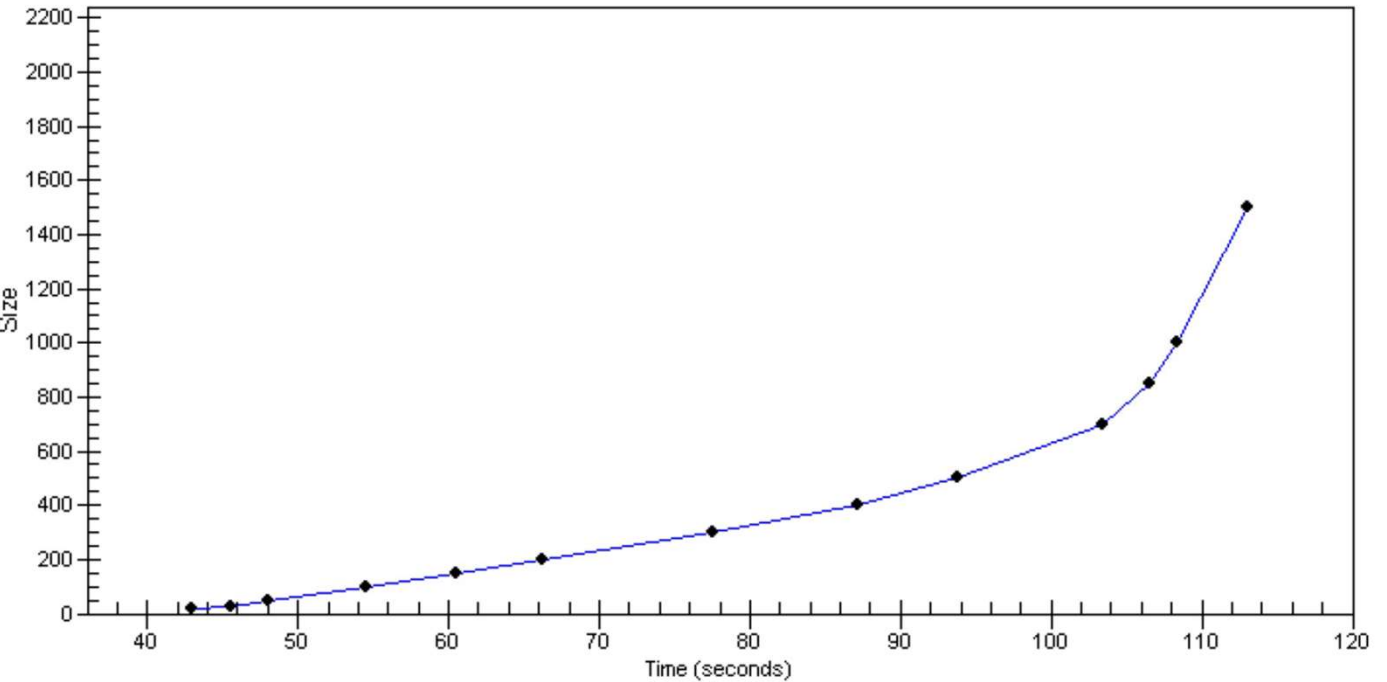
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_Alul_1_10.xad

Created: 3/07/2023 9:17:20 PM
Modified: 3/07/2023 9:17:20 PM

Curves

Standard Curve



Assay Class: DNA 1000

Created: 3/07/2023 9:17:20 PM

Data Path: C:\...-30\2100_expert_DNA_1000_DE34903611_2023-03-06_TRN_Alul_1_10.xad

Modified: 3/07/2023 9:17:20 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Content	Rest. Digest	Status	Observation	Result Label	Result Color
Sample #1		<input type="checkbox"/>	✓			
Sample #2		<input type="checkbox"/>	✓			
Sample #3		<input type="checkbox"/>	✓			
Sample #4		<input type="checkbox"/>	✓			
Sample #5		<input type="checkbox"/>	✓			
Sample #6		<input type="checkbox"/>	✓			
Sample #7		<input type="checkbox"/>	✓			
Sample #8		<input type="checkbox"/>	✓			
Sample #9		<input type="checkbox"/>	✓			
Sample #10		<input type="checkbox"/>	✓			
CTRL		<input type="checkbox"/>	✓			
CTRL		<input type="checkbox"/>	✓			

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_Alul_1_10.xad

Created: 3/07/2023 9:17:20 PM
Modified: 3/07/2023 9:17:20 PM

Electrophoresis Assay Details

General Analysis Settings	Result Label	Result Color
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

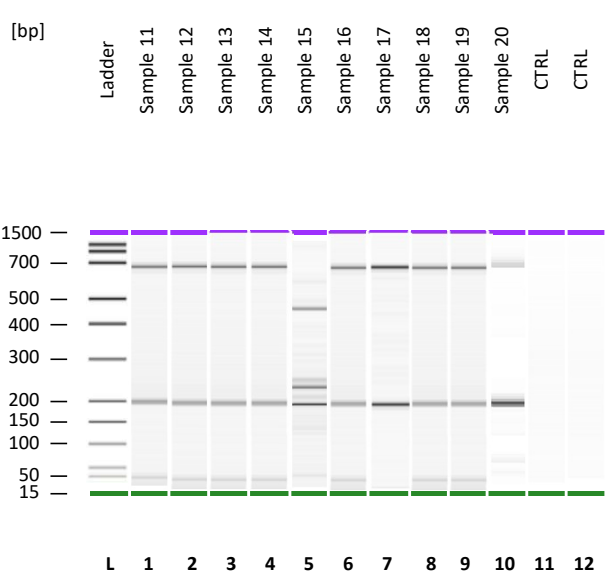
Ladder

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:\...-30\2100 expert_DNA 1000_DE34903611_2023-03-06_TRN_Alul_11_20.xad

Created: 3/08/2023 10:21:55 PM
Modified: 3/08/2023 10:21:55 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE34903611
Serial #: DE34903611
Firmware: C.01.069
Type: G2938C

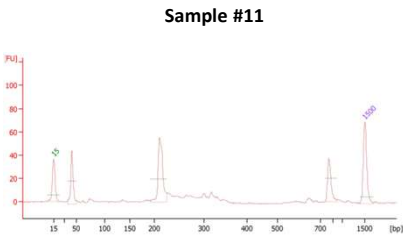
Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\DNA 1000 Series II.xsy
Assay Class: DNA 1000
Version: 2.3
Assay Comments: DNA Analysis 2 - 1000 bp

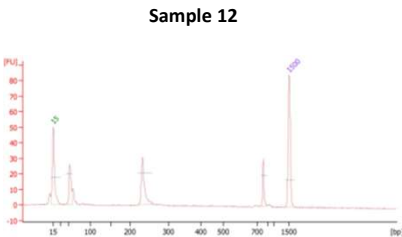
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Chip Information:

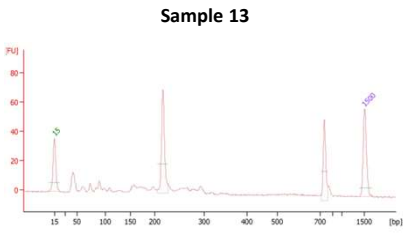
Chip Lot #:
Reagent Kit Lot #:
Chip Comments:



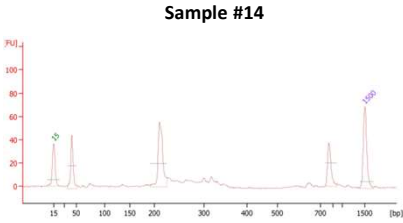
Sample #11



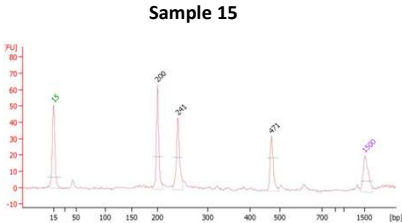
Sample #12



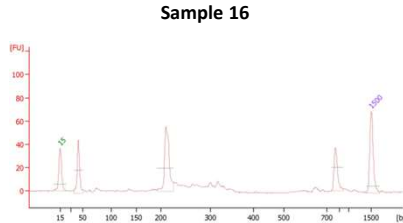
Sample #13



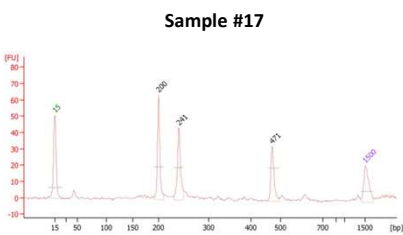
Sample #14



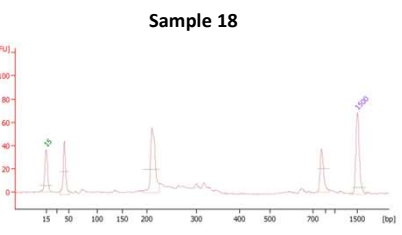
Sample #15



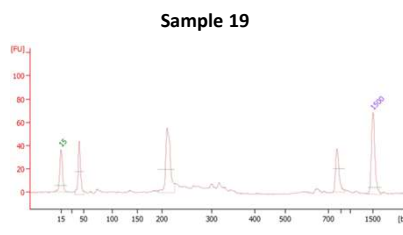
Sample #16



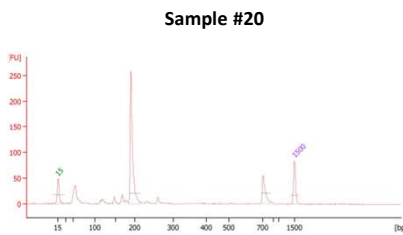
Sample #17



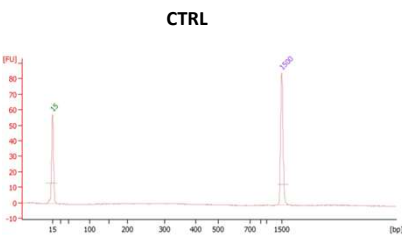
Sample #18



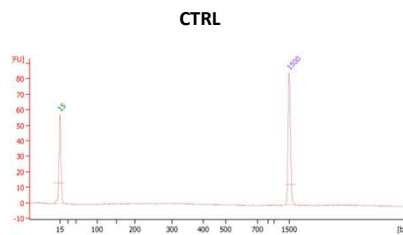
Sample #19



Sample #20



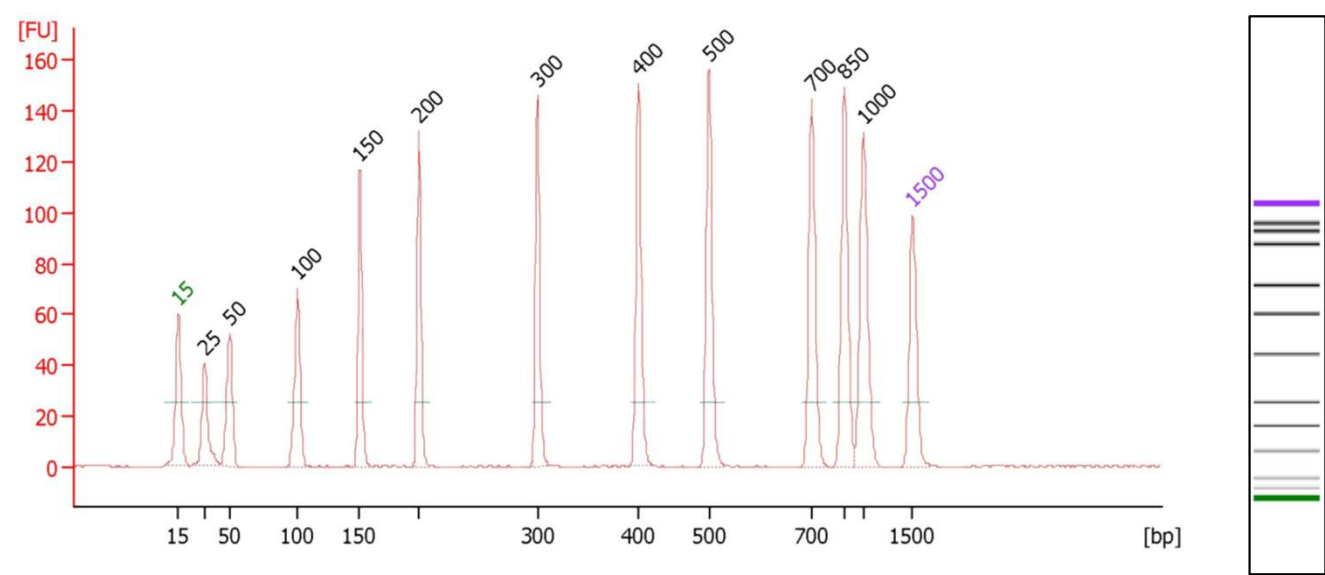
CTRL



CTRL

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA_1000_DE34903611_2023-03-06_TRN_Alul_11_20.xad
Created: 3/08/2023 10:21:55 PM
Modified: 3/08/2023 10:21:55 PM

Electrophoresis File Run Summary

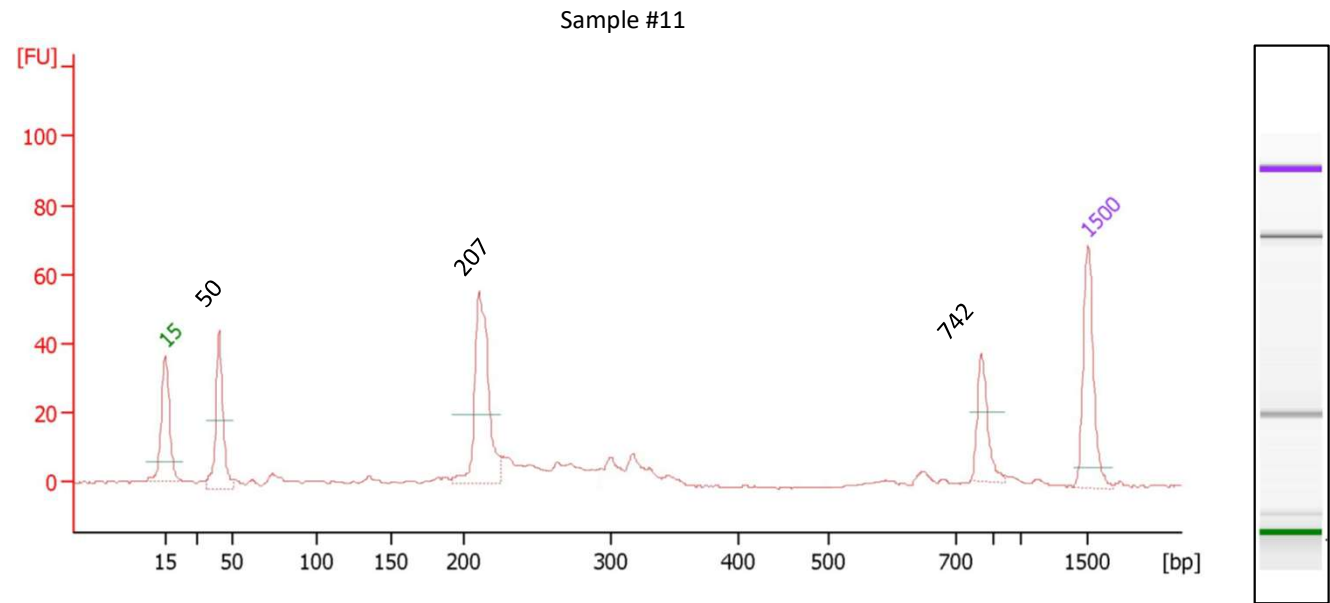


Peak table for Ladder :

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	4.4.2	Lower Marker
2	25	4.00	242.4	Ladder Peak
3	50	4.00	121.2	Ladder Peak
4	100	4.00	60.6	Ladder Peak
5	150	4.00	40.3	Ladder Peak
6	200	4.00	30.3	Ladder Peak
7	300	4.00	20.2	Ladder Peak
8	400	4.00	15.2	Ladder Peak
9	500	4.00	12.1	Ladder Peak
10	700	4.00	8.7	Ladder Peak
11	850	4.00	7.1	Ladder Peak
12	1,000	4.00	6.1	Ladder Peak
13	1,500	2.10	2.1	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_Alul_11_20.xad
Created: 3/08/2023 10:21:55 PM
Modified: 3/08/2023 10:21:55 PM

Electrophoresis File Run Summary

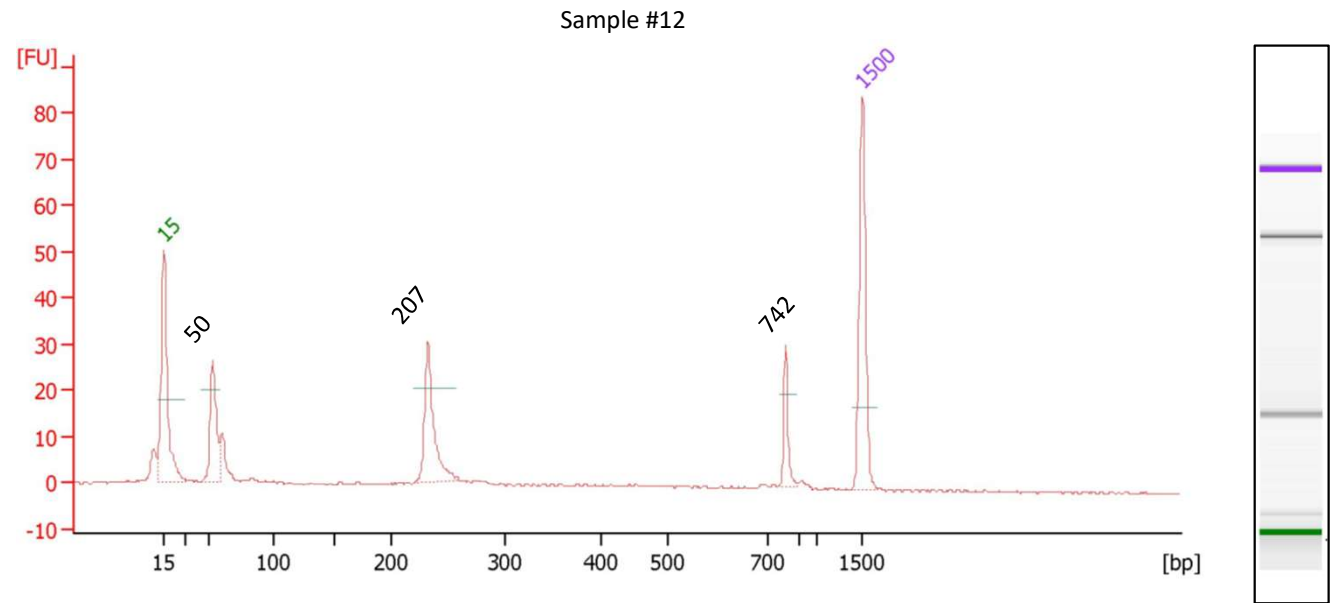


Peak table for Sample #11 :

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	50	2.00	2.3	Ladder Peak
3	207	4.45	9.3	Ladder Peak
4	742	2.35	6.3	Ladder Peak
5	1,500	2.10	2.2	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_Alul_11_20.xad
Created: 3/08/2023 10:21:55 PM
Modified: 3/08/2023 10:21:55 PM

Electrophoresis File Run Summary

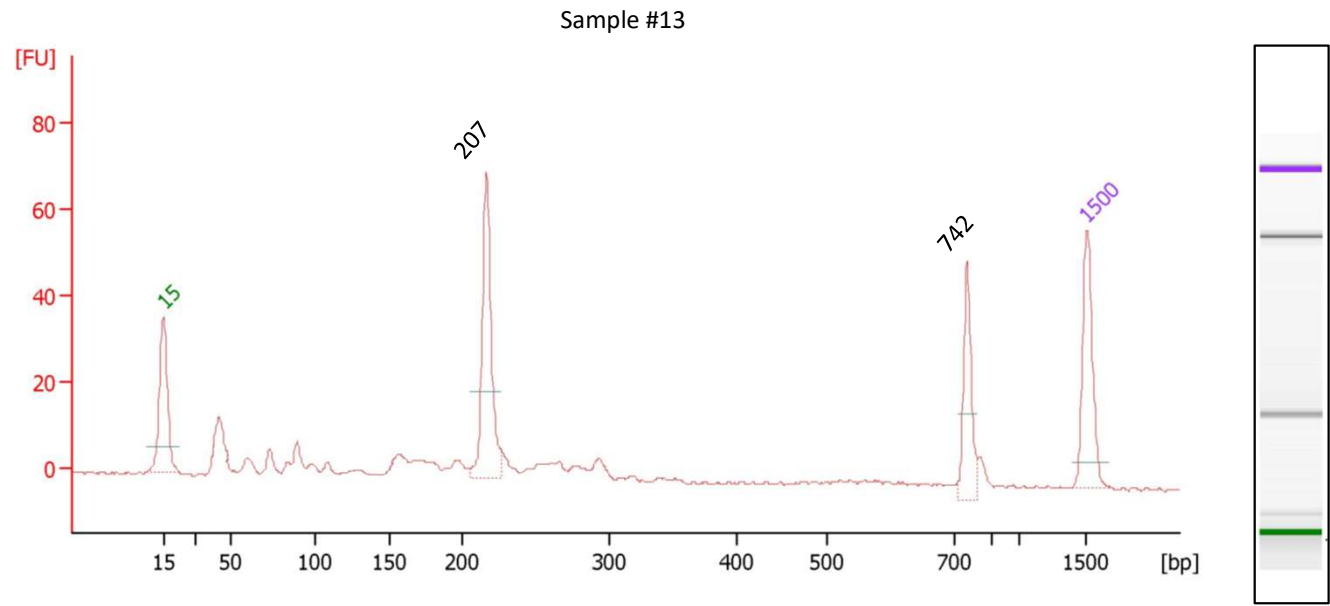


Peak table for Sample #12 :

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	50	2.00	1.1	Ladder Peak
3	207	1.45	4.2	Ladder Peak
4	742	2.35	3.1	Ladder Peak
5	1,500	2.10	2.2	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_Alul_11_20.xad
Created: 3/08/2023 10:21:55 PM
Modified: 3/08/2023 10:21:55 PM

Electrophoresis File Run Summary

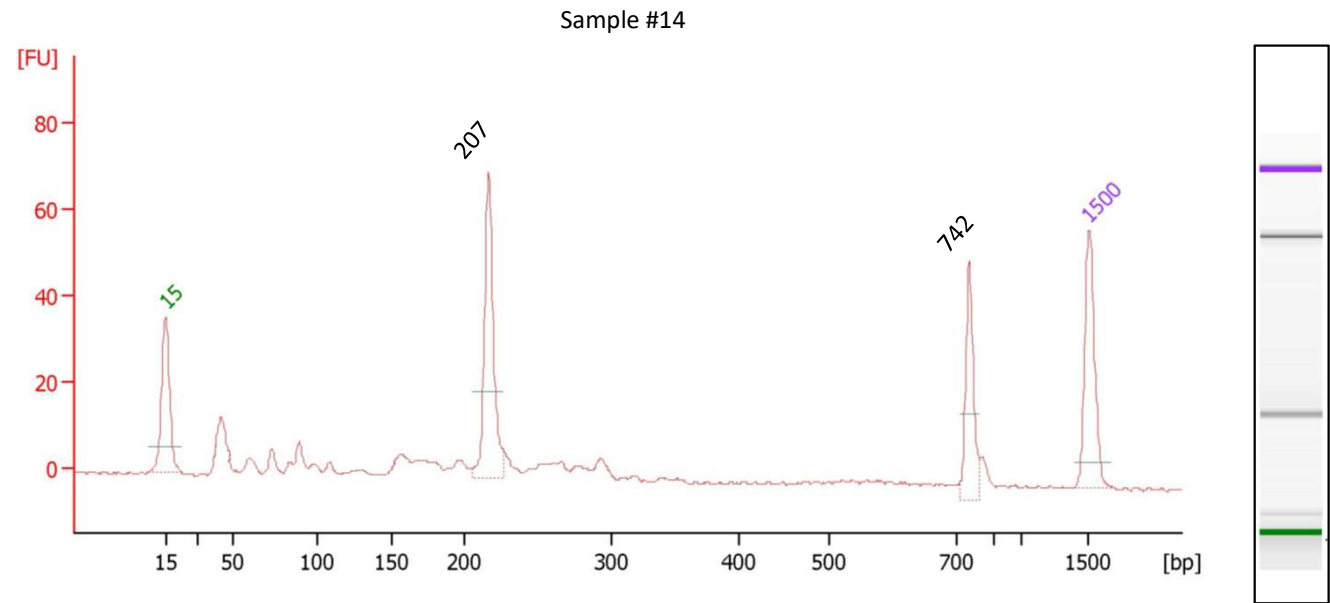


Peak table for Sample #13 :

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	50	1.00	1.13	Ladder Peak
3	207	2.95	18.0	Ladder Peak
4	742	3.01	16.1	Ladder Peak
5	1,500	2.10	2.2	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_Alul_11_20.xad
Created: 3/08/2023 10:21:55 PM
Modified: 3/08/2023 10:21:55 PM

Electrophoresis File Run Summary

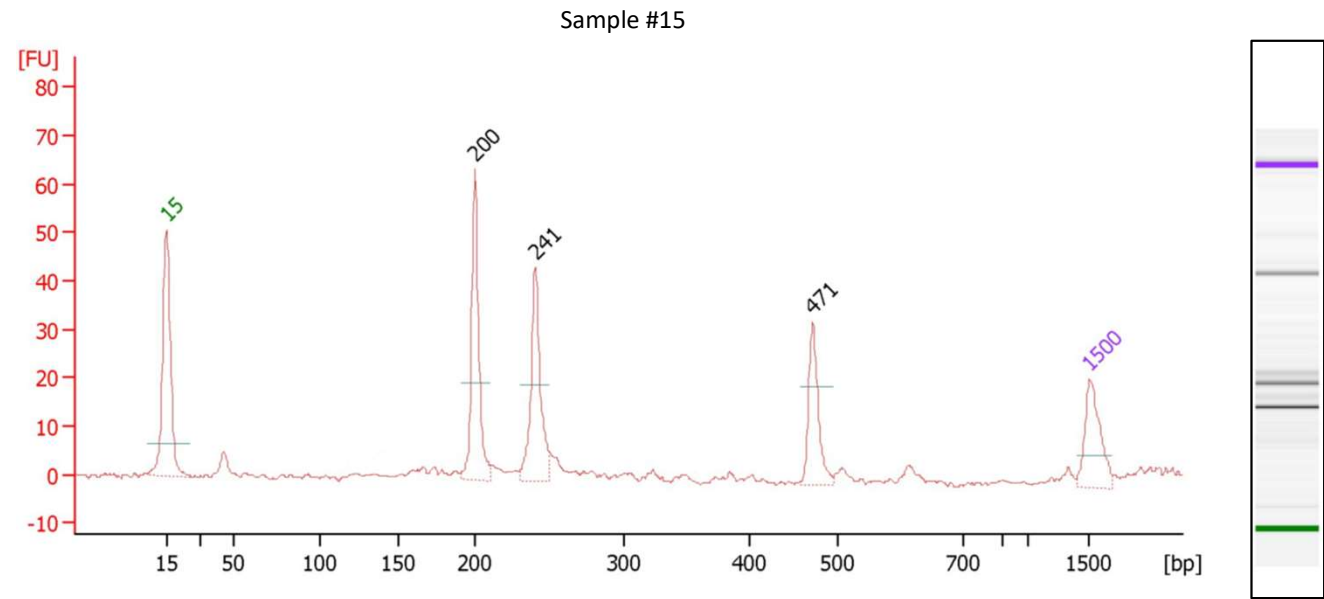


Peak table for Sample #14 :

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	50	1.00	1.23	Ladder Peak
3	207	2.80	16.9	Ladder Peak
4	742	2.95	17.1	Ladder Peak
5	1,500	2.10	2.2	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_Alul_11_20.xad
Created: 3/08/2023 10:21:55 PM
Modified: 3/08/2023 10:21:55 PM

Electrophoresis File Run Summary

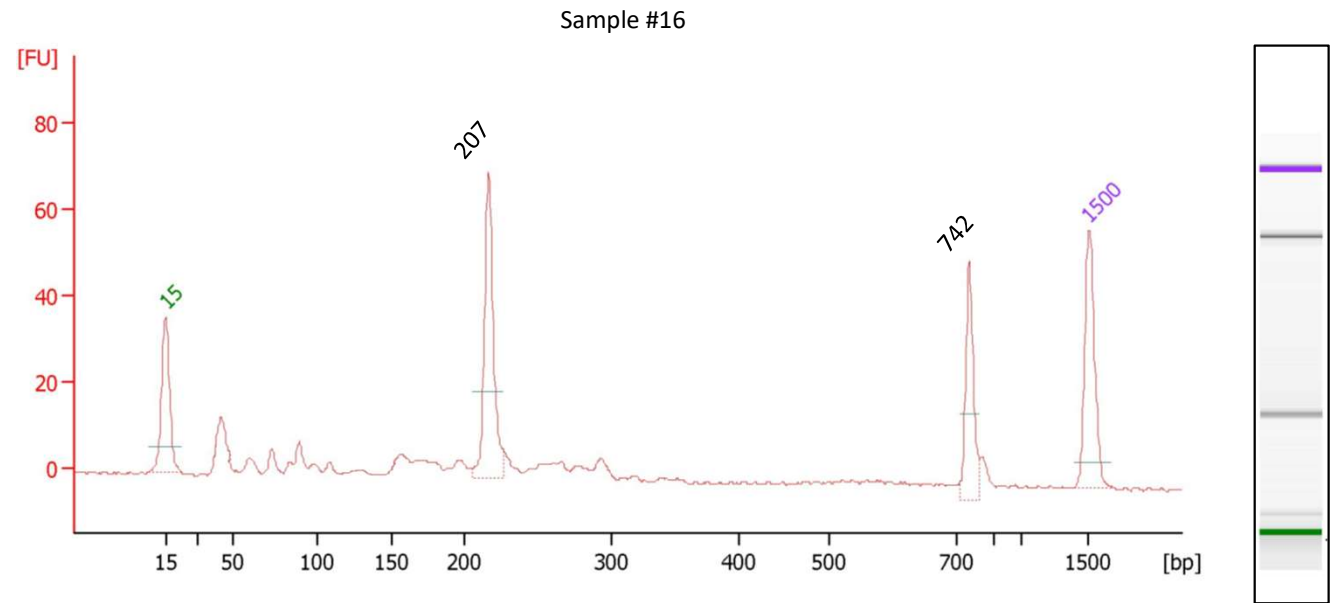


Peak table for Sample #15 :

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	50	0.53	31.4	Ladder Peak
3	200	4.90	26.9	Ladder Peak
4	241	3.20	7.1	Ladder Peak
5	471	2.05	8.1	Ladder Peak
6	1,500	2.10	2.2	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_Alul_11_20.xad
Created: 3/08/2023 10:21:55 PM
Modified: 3/08/2023 10:21:55 PM

Electrophoresis File Run Summary

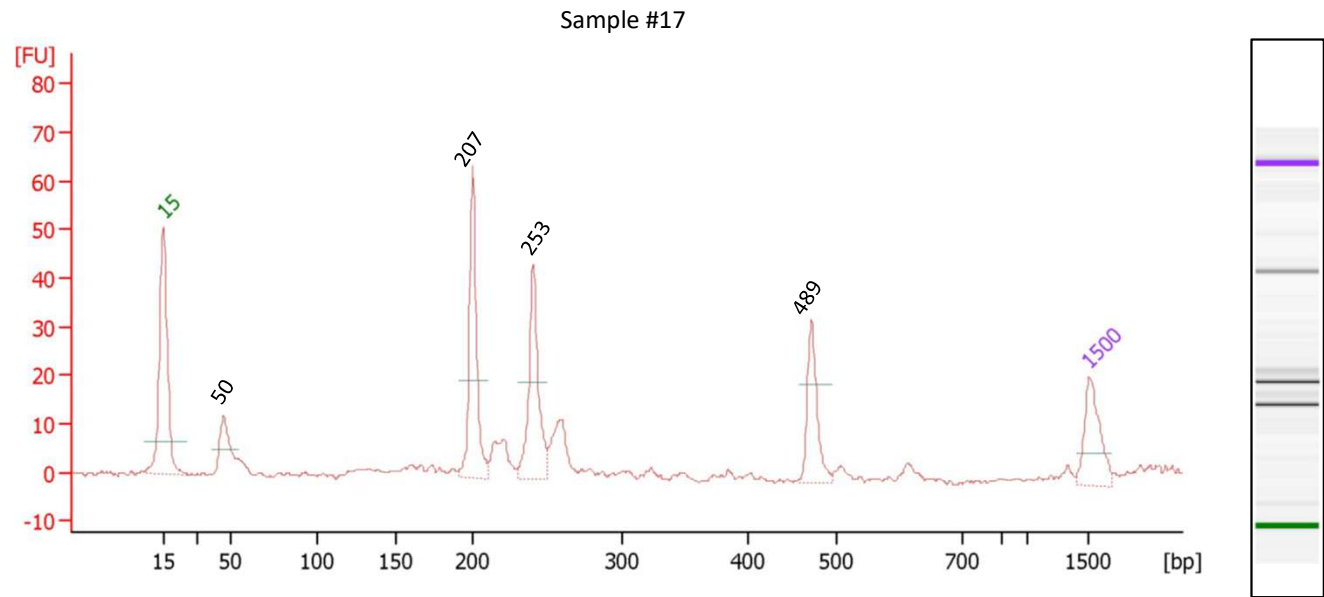


Peak table for Sample #16 :

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	207	2.80	16.9	Ladder Peak
3	742	2.95	17.1	Ladder Peak
4	1,500	2.10	2.2	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_Alul_11_20.xad
Created: 3/08/2023 10:21:55 PM
Modified: 3/08/2023 10:21:55 PM

Electrophoresis File Run Summary

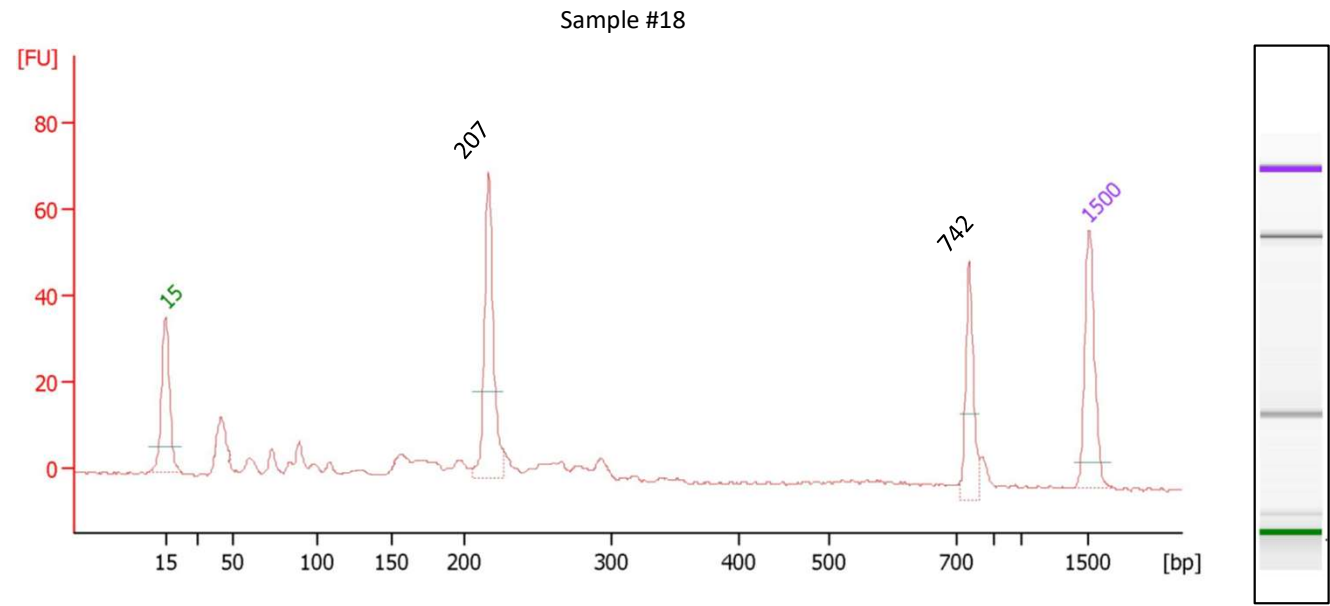


Peak table for Sample #17 :

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	50	0.63	32.5	Ladder Peak
3	207	4.93	27.3	Ladder Peak
4	253	3.25	7.6	Ladder Peak
5	489	2.07	8.4	Ladder Peak
6	1,500	2.10	2.2	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_Alul_11_20.xad
Created: 3/08/2023 10:21:55 PM
Modified: 3/08/2023 10:21:55 PM

Electrophoresis File Run Summary

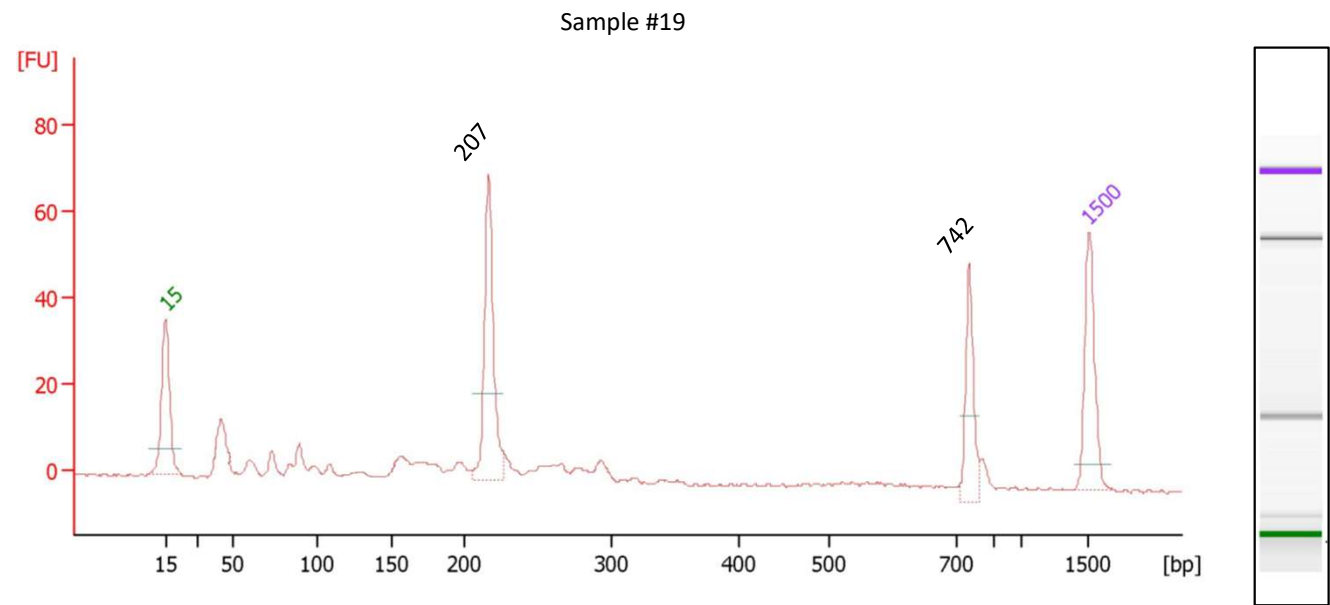


Peak table for Sample #18 :

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	207	2.80	16.9	Ladder Peak
3	742	2.95	17.1	Ladder Peak
4	1,500	2.10	2.2	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_Alul_11_20.xad
Created: 3/08/2023 10:21:55 PM
Modified: 3/08/2023 10:21:55 PM

Electrophoresis File Run Summary

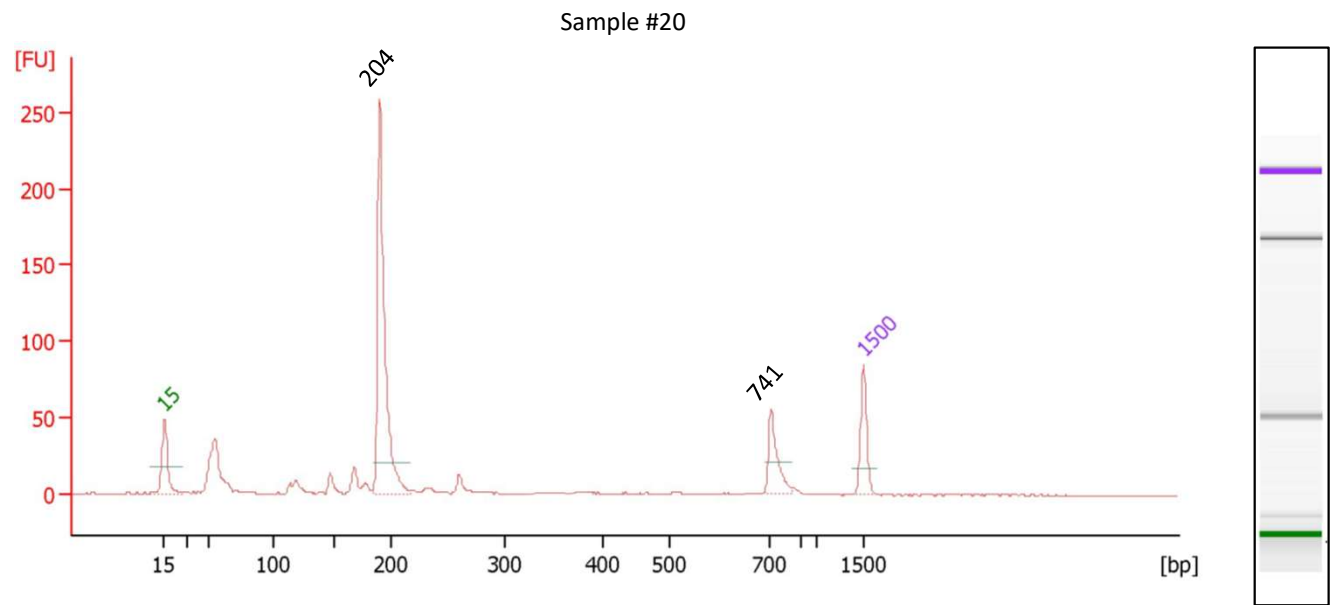


Peak table for Sample #19 :

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	50	1.00	1.23	Ladder Peak
3	207	2.80	16.9	Ladder Peak
4	742	2.95	17.1	Ladder Peak
5	1,500	2.10	2.2	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA_1000_DE34903611_2023-03-06_TRN_Alul_11_20.xad
Created: 3/08/2023 10:21:55 PM
Modified: 3/08/2023 10:21:55 PM

Electrophoresis File Run Summary

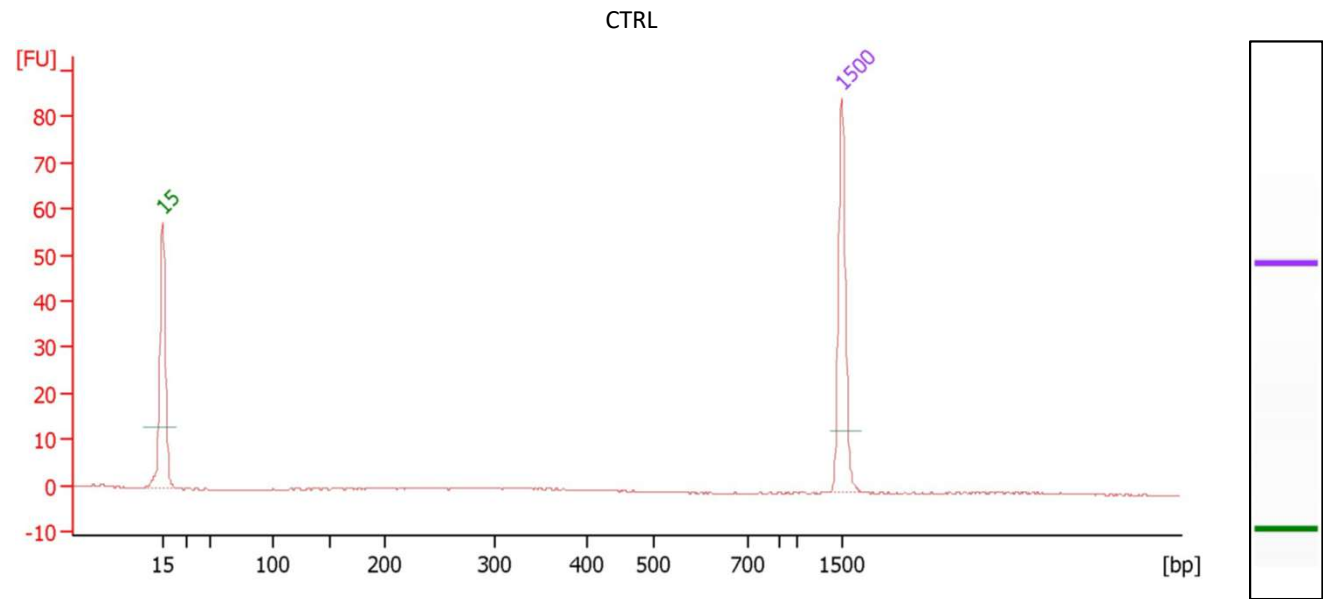


Peak table for Sample #20 :

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	204	1.45	18.9	Ladder Peak
3	741	2.35	6.3	Ladder Peak
4	1,500	2.10	2.2	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100 expert_DNA 1000_DE34903611_2023-03-06_TRN_Alul_11_20.xad
Created: 3/08/2023 10:21:55 PM
Modified: 3/08/2023 10:21:55 PM

Electrophoresis File Run Summary



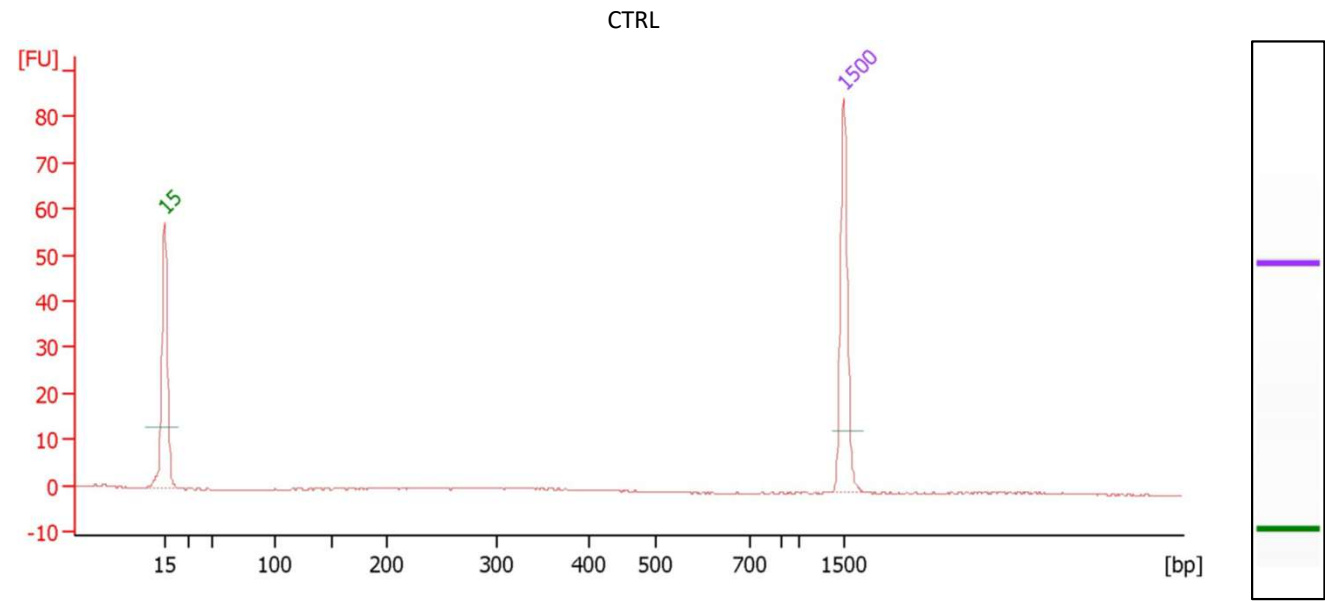
Peak table for Sample CTRL :

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	1,500	2.10	2.2	Upper Marker

Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_Alul_11_20.xad

Created: 3/08/2023 10:21:55 PM
Modified: 3/08/2023 10:21:55 PM

Electrophoresis File Run Summary



Peak table for Sample CTRL :

Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	15	4.20	424.4	Lower Marker
2	1,500	2.10	2.1	Upper Marker

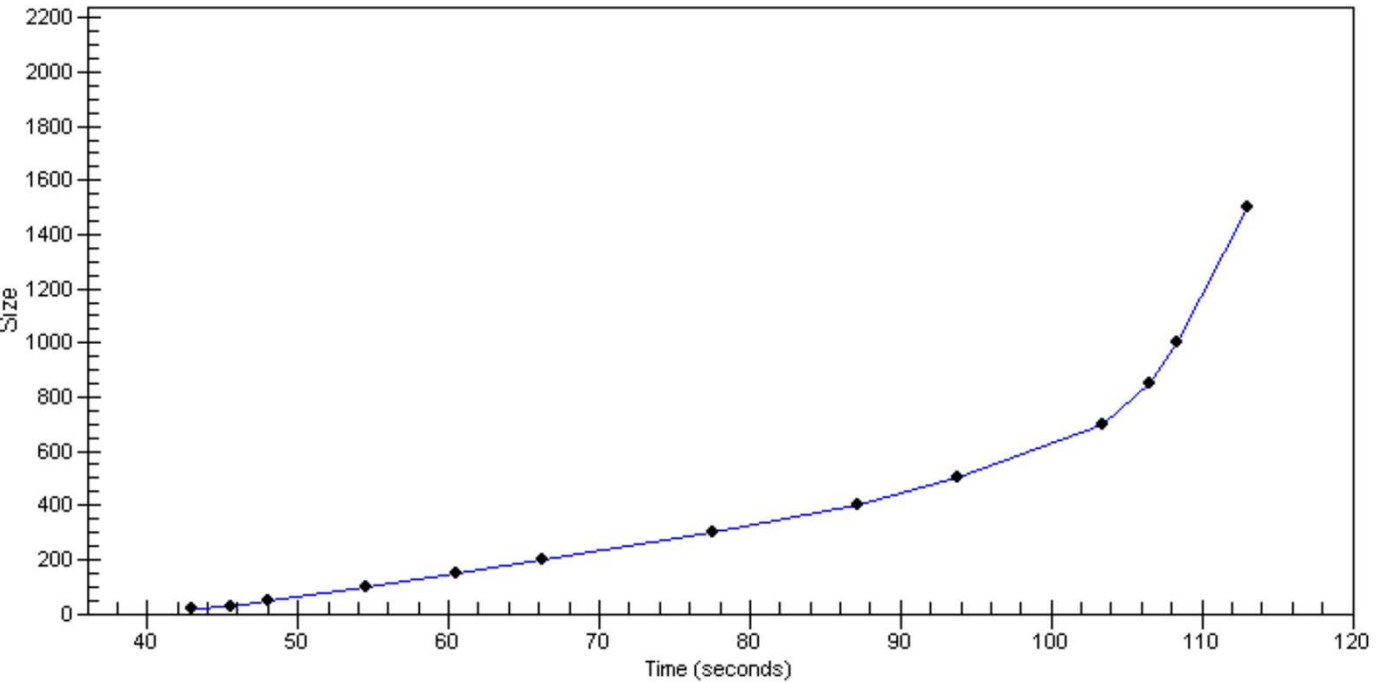
Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_Alul_11_20.xad

Created: 3/08/2023 10:21:55 PM

Modified: 3/08/2023 10:21:55 PM

Curves

Standard Curve



Assay Class: DNA 1000
Data Path: C:\...-30\2100_expert_DNA 1000_DE34903611_2023-03-06_TRN_Alul_11_20.xad

Created: 3/08/2023 10:21:55 PM
Modified: 3/08/2023 10:21:55 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Content	Rest. Digest	Status	Observation	Result Label	Result Color
Sample #11		<input type="checkbox"/>	✓			
Sample #12		<input type="checkbox"/>	✓			
Sample #13		<input type="checkbox"/>	✓			
Sample #14		<input type="checkbox"/>	✓			
Sample #15		<input type="checkbox"/>	✓			
Sample #16		<input type="checkbox"/>	✓			
Sample #17		<input type="checkbox"/>	✓			
Sample #18		<input type="checkbox"/>	✓			
Sample #19		<input type="checkbox"/>	✓			
Sample #20		<input type="checkbox"/>	✓			
CTRL		<input type="checkbox"/>	✓			
CTRL		<input type="checkbox"/>	✓			

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: DNA 1000 Created: 3/08/2023 10:21:55 PM
Data Path: C:\...-30\2100_expert_DNA_1000_DE34903611_2023-03-06_TRN_Alul_11_20.xad Modified: 3/08/2023 10:21:55 PM

Electrophoresis Assay Details

General Analysis Settings	Result Label	Result Color
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