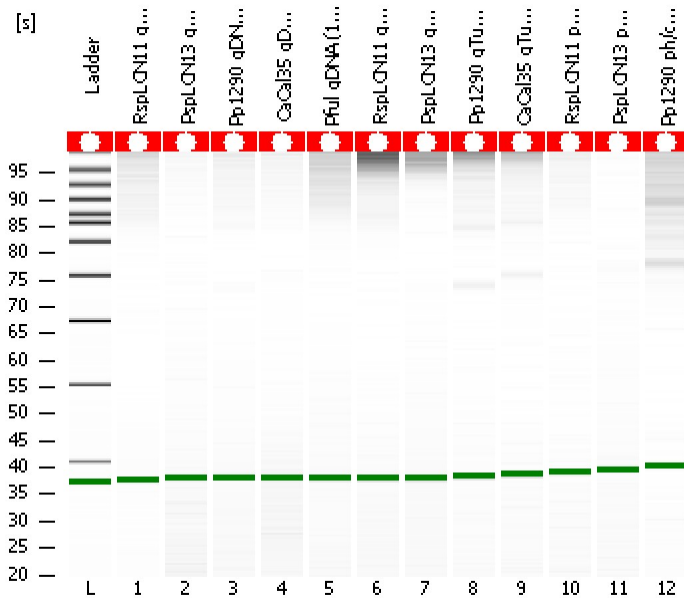


Assay Class: DNA 12000
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-16\2014-01-16_001.xad

Created: 1/16/2014 9:22:28 AM
Modified: 1/16/2014 9:57:34 AM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

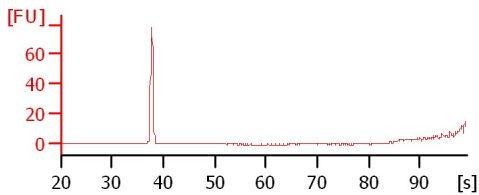
Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\DNA 12000 Series II.xsy
Assay Class: DNA 12000
Version: 2.4
Assay Comments: DNA Analysis 100 -12000 bp
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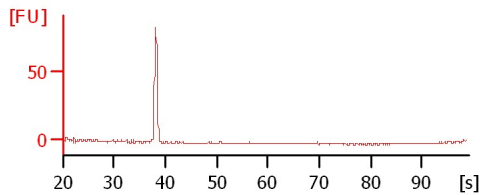
Chip Information:

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

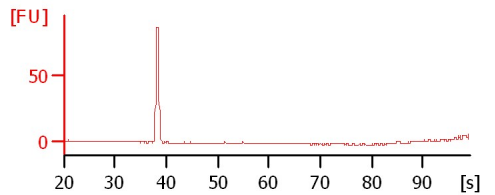
RspLCN11 gDNA (1:2)



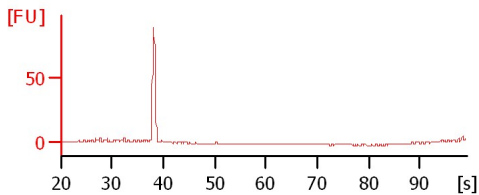
PspLCN13 gDNA (1:2)



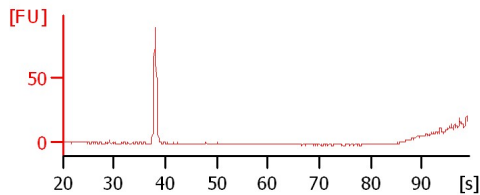
Pp1290 gDNA (1:5)



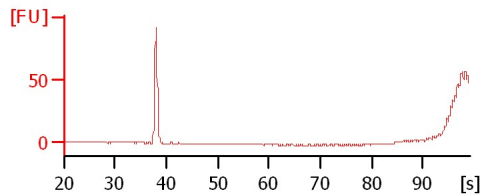
CaCal35 gDNA (1:4)



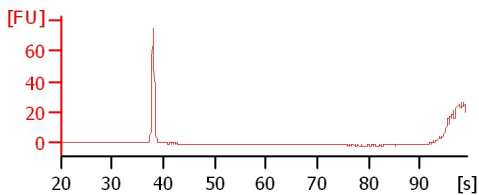
Pful gDNA (1:20) 1/9/14



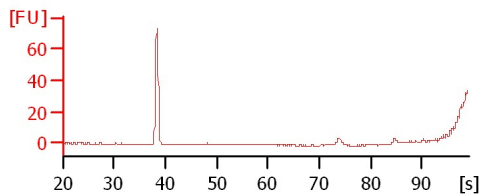
RspLCN11 gTube (1:2)



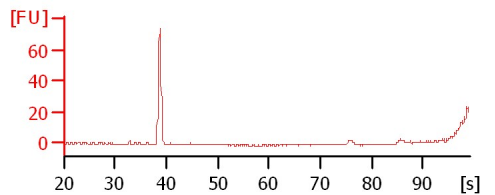
PspLCN13 gTube (1:2)



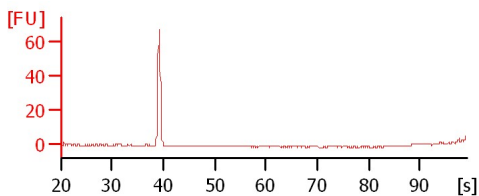
Pp1290 gTube (1:5)



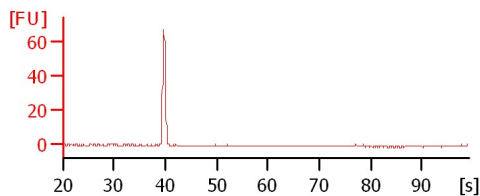
CaCal35 gTube (1:4)



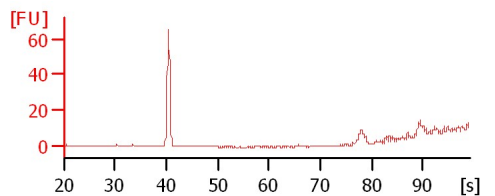
RspLCN11 ph/chl (1:2)



PspLCN13 ph/chl (1:2)



Pp1290 ph/chl (1:2)



Assay Class: DNA 12000
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-16\2014-01-16_001.xad

Created: 1/16/2014 9:22:28 AM
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Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
RspLCN11 gDNA (1:2)		<input type="checkbox"/>	✓			
PspLCN13 gDNA (1:2)		<input type="checkbox"/>	✓			
Pp1290 gDNA (1:5)		<input type="checkbox"/>	✓			
CaCal35 gDNA (1:4)		<input type="checkbox"/>	✓			
Pful gDNA (1:20) 1/9/14		<input type="checkbox"/>	✓			
RspLCN11 gTube (1:2)		<input type="checkbox"/>	✓			
PspLCN13 gTube (1:2)		<input type="checkbox"/>	✓			
Pp1290 gTube (1:5)		<input type="checkbox"/>	✓			
CaCal35 gTube (1:4)		<input type="checkbox"/>	✓			
RspLCN11 ph/chl (1:2)		<input type="checkbox"/>	✓			
PspLCN13 ph/chl (1:2)		<input type="checkbox"/>	✓			
Pp1290 ph/chl (1:2)		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

Chip Lot # **Reagent Kit Lot #**

Chip Comments :

Assay Class: DNA 12000
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-16\2014-01-16_001.xad

Created: 1/16/2014 9:22:28 AM
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Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 13
Minimum Visible Range [s] : 20
Maximum Visible Range [s] : 99
Start Analysis Time Range [s] : 20
End Analysis Time Range [s] : 98.95
Ladder Concentration [ng/μl] : 44
Uses Standard Area for Ladder Fragments
Lower Marker Concentration [ng/μl] : 8.3
Upper Marker Concentration [ng/μl] : 4.2
Used Upper Marker for Quantitation
This is a Qualitative Assay Only
Standard Curve Fit is Point to Point
Show Data Aligned to Lower and Upper Marker

Integrator Settings

Integration Start Time [s] : 20
Integration End Time [s] : 98.95
Slope Threshold : 0.8
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

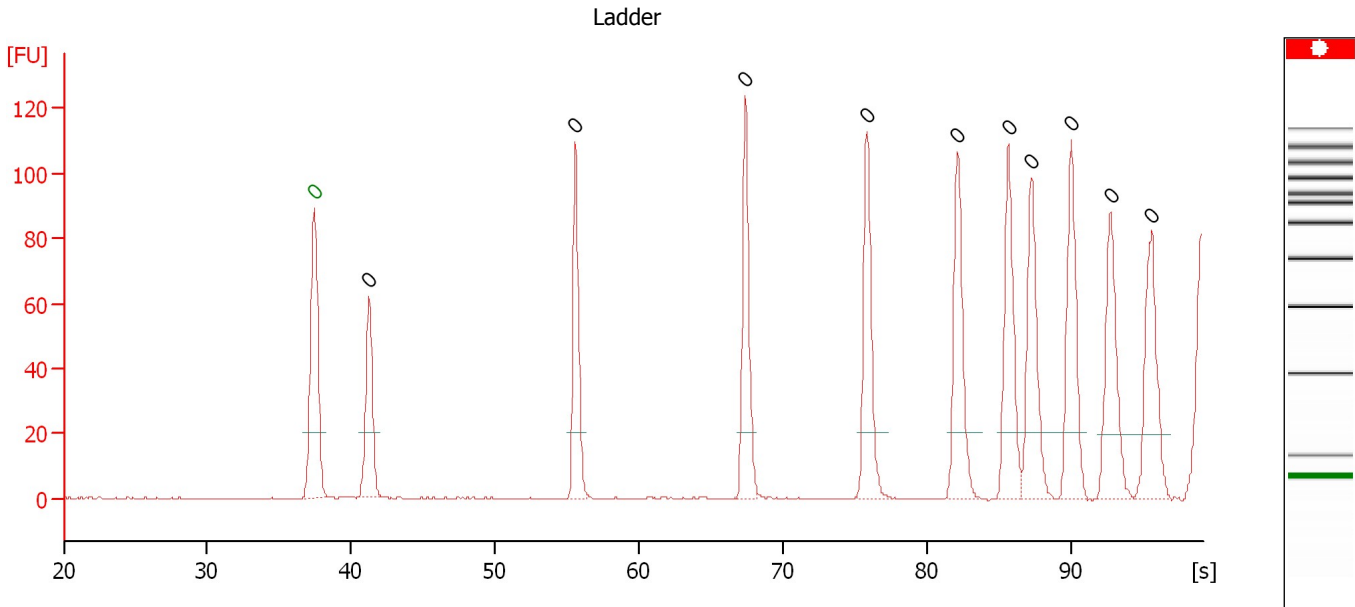
Ladder

Ladder Peak	Size	Area
1	50	120
2	100	48
3	300	61
4	500	77
5	700	81
6	1000	86
7	1500	92
8	2000	92
9	3000	96
10	5000	100
11	7000	98
12	10380	102
13	17000	110

Assay Class: DNA 12000
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-16\2014-01-16_001.xad

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Electropherogram Summary



Peak table for Ladder

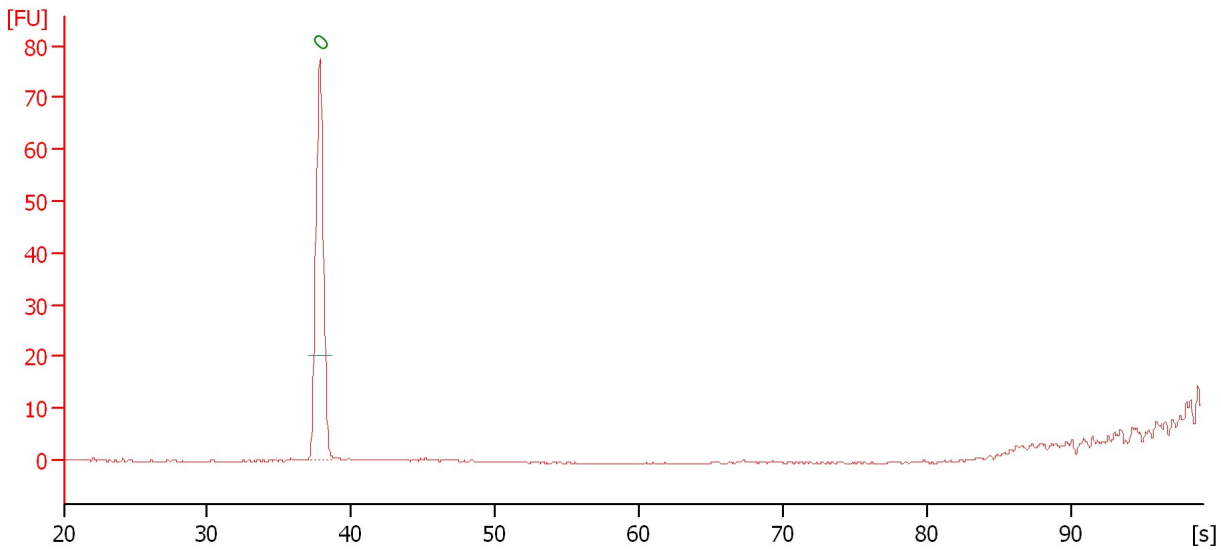
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	0	0.00	0.0	Lower Marker
2	0	0.00	0.0	Ladder Peak
3	0	0.00	0.0	Ladder Peak
4	0	0.00	0.0	Ladder Peak
5	0	0.00	0.0	Ladder Peak
6	0	0.00	0.0	Ladder Peak
7	0	0.00	0.0	Ladder Peak
8	0	0.00	0.0	Ladder Peak
9	0	0.00	0.0	Ladder Peak
10	0	0.00	0.0	Ladder Peak
11	0	0.00	0.0	Ladder Peak

Assay Class: DNA 12000
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-16\2014-01-16_001.xad

Created: 1/16/2014 9:22:28 AM
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Electropherogram Summary Continued ...

RspLCN11 gDNA (1:2)



Overall Results for sample 1 : RspLCN11 gDNA (1:2)

Number of peaks found: 0

Peak table for sample 1 : RspLCN11 gDNA (1:2)

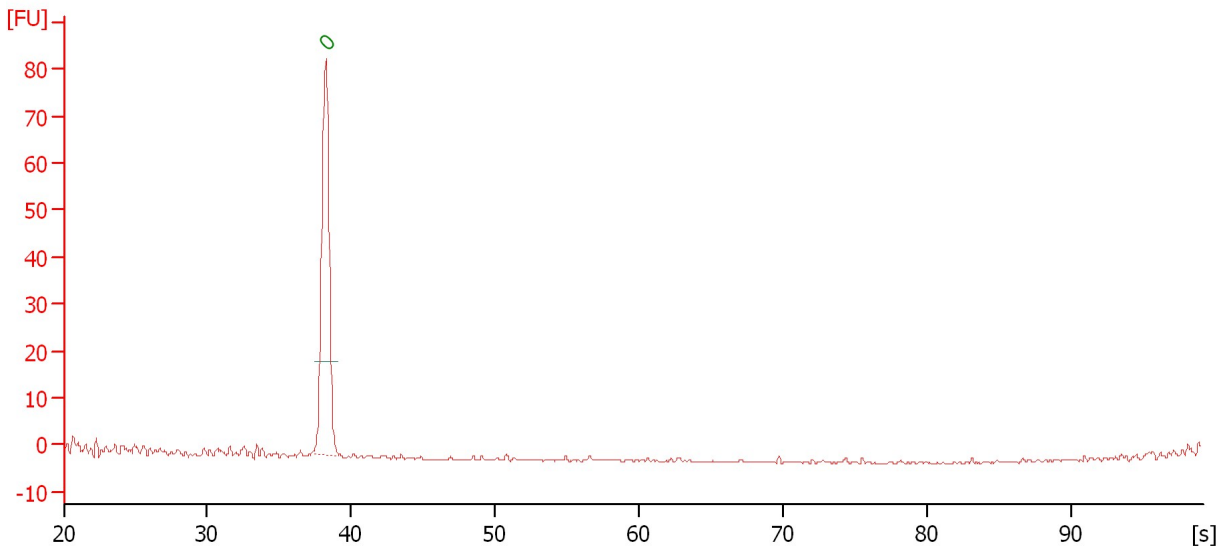
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	0	0.00	0.0	Lower Marker

Assay Class: DNA 12000
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-16\2014-01-16_001.xad

Created: 1/16/2014 9:22:28 AM
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Electropherogram Summary Continued ...

PspLCN13 gDNA (1:2)



Overall Results for sample 2 : PspLCN13 gDNA (1:2)

Number of peaks found: 0

Peak table for sample 2 : PspLCN13 gDNA (1:2)

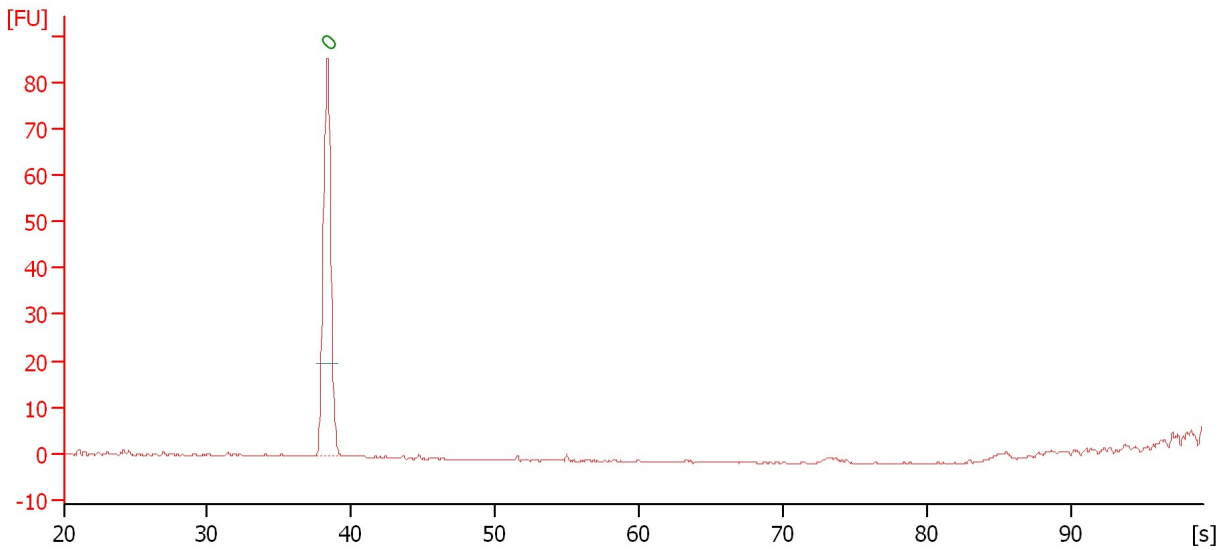
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	0	0.00	0.0	Lower Marker

Assay Class: DNA 12000
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-16\2014-01-16_001.xad

Created: 1/16/2014 9:22:28 AM
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Electropherogram Summary Continued ...

Pp1290 gDNA (1:5)



Overall Results for sample 3 : Pp1290 gDNA (1:5)

Number of peaks found: 0

Peak table for sample 3 : Pp1290 gDNA (1:5)

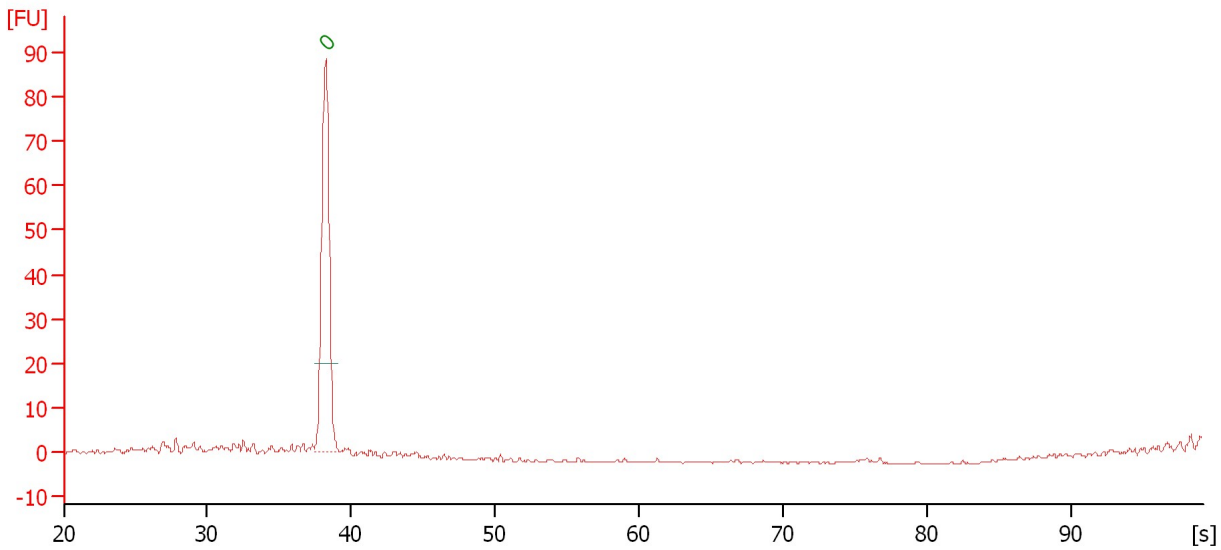
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	0	0.00	0.0	Lower Marker

Assay Class: DNA 12000
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-16\2014-01-16_001.xad

Created: 1/16/2014 9:22:28 AM
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Electropherogram Summary Continued ...

CaCal35 gDNA (1:4)



Overall Results for sample 4 : CaCal35 gDNA (1:4)

Number of peaks found: 0

Peak table for sample 4 : CaCal35 gDNA (1:4)

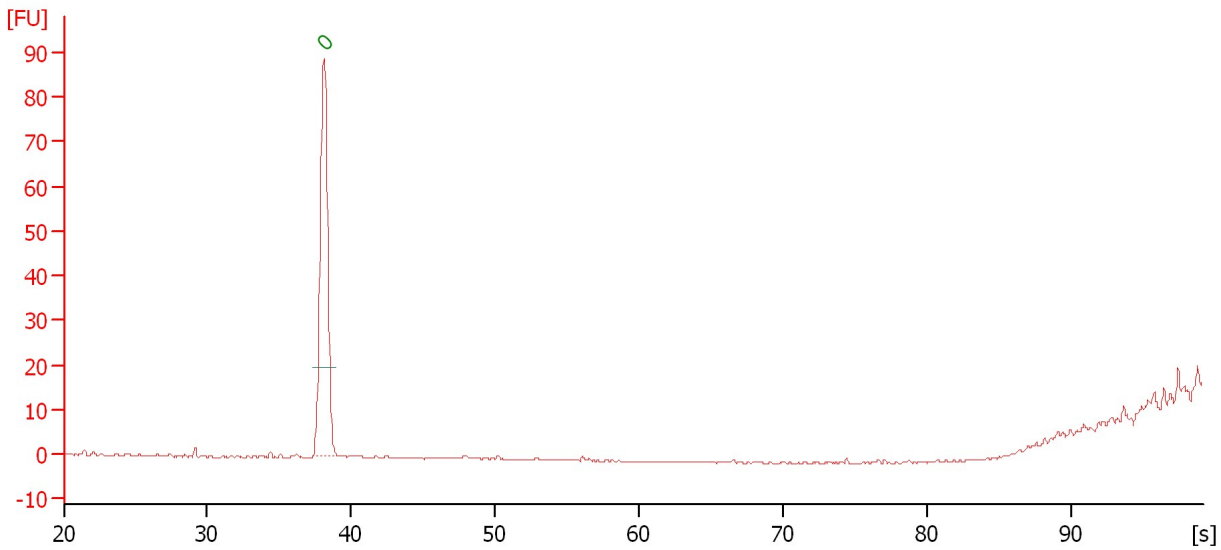
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	0	0.00	0.0	Lower Marker

Assay Class: DNA 12000
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-16\2014-01-16_001.xad

Created: 1/16/2014 9:22:28 AM
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Electropherogram Summary Continued ...

Pful gDNA (1:20) 1/9/14



Overall Results for sample 5 : Pful gDNA (1:20) 1/9/14

Number of peaks found: 0

Peak table for sample 5 : Pful gDNA (1:20) 1/9/14

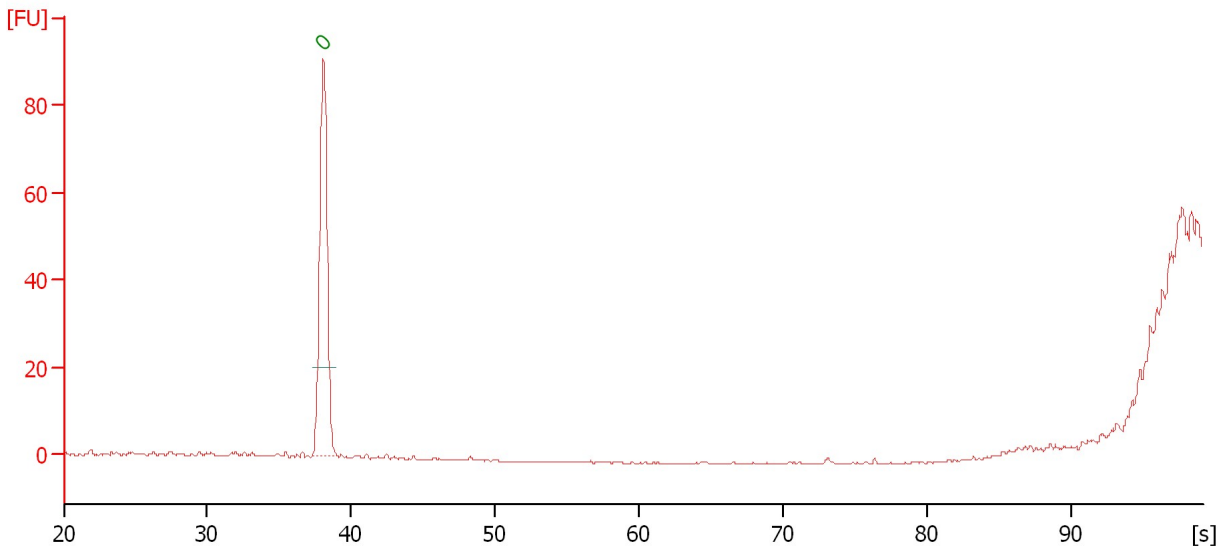
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	0	0.00	0.0	Lower Marker

Assay Class: DNA 12000
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-16\2014-01-16_001.xad

Created: 1/16/2014 9:22:28 AM
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Electropherogram Summary Continued ...

RspLCN11 gTube (1:2)



Overall Results for sample 6 : RspLCN11 gTube (1:2)

Number of peaks found: 0

Peak table for sample 6 : RspLCN11 gTube (1:2)

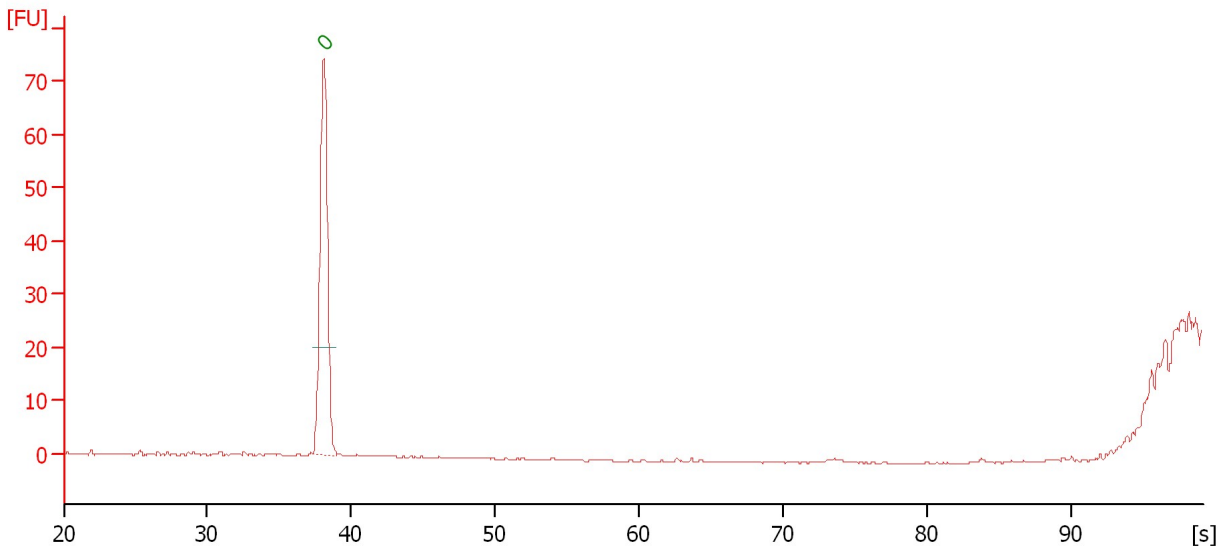
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	0	0.00	0.0	Lower Marker

Assay Class: DNA 12000
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-16\2014-01-16_001.xad

Created: 1/16/2014 9:22:28 AM
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Electropherogram Summary Continued ...

PspLCN13 gTube (1:2)



Overall Results for sample 7 : PspLCN13 gTube (1:2)

Number of peaks found: 0

Peak table for sample 7 : PspLCN13 gTube (1:2)

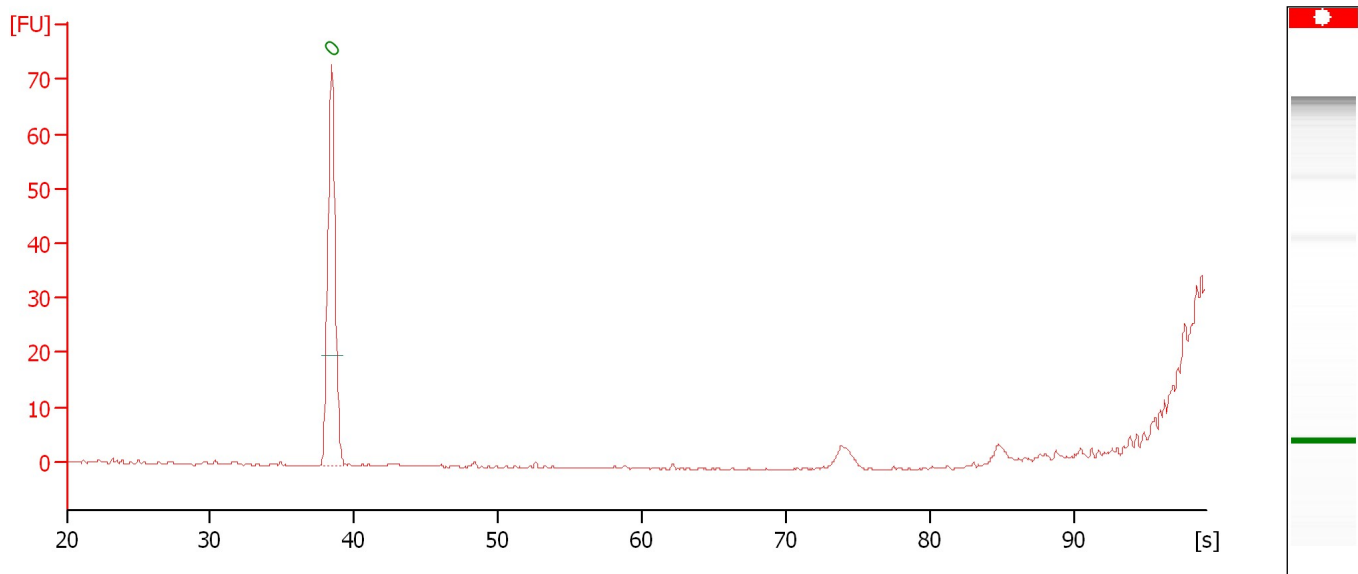
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	0	0.00	0.0	Lower Marker

Assay Class: DNA 12000
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-16\2014-01-16_001.xad

Created: 1/16/2014 9:22:28 AM
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Electropherogram Summary Continued ...

Pp1290 gTube (1:5)



Overall Results for sample 8 : Pp1290 gTube (1:5)

Number of peaks found: 0

Peak table for sample 8 : Pp1290 gTube (1:5)

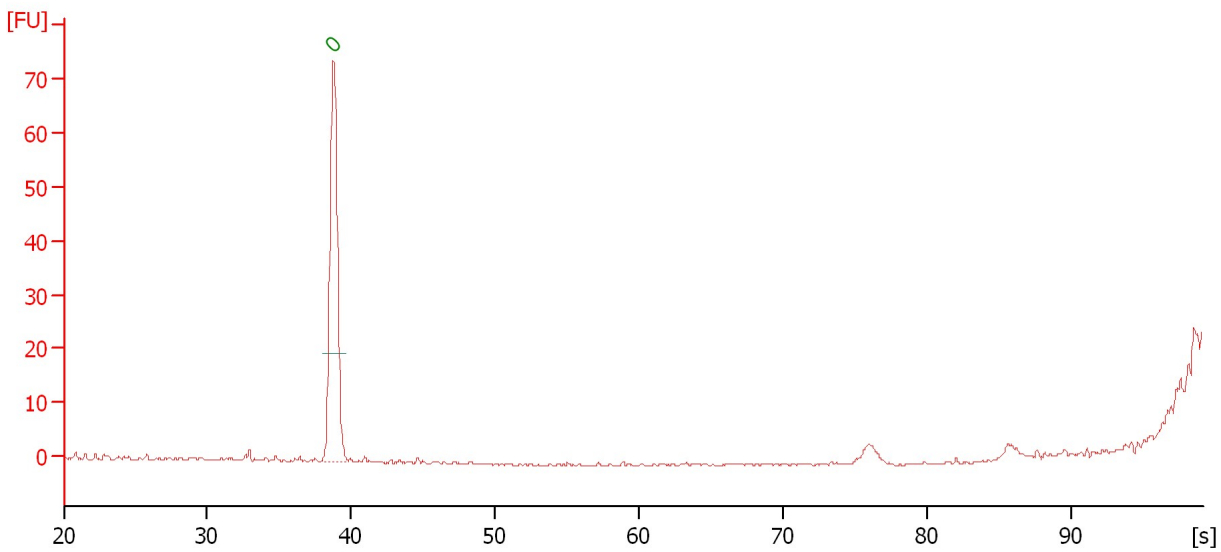
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	0	0.00	0.0	Lower Marker

Assay Class: DNA 12000
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-16\2014-01-16_001.xad

Created: 1/16/2014 9:22:28 AM
Modified: 1/16/2014 9:57:34 AM

Electropherogram Summary Continued ...

CaCal35 gTube (1:4)



Overall Results for sample 9 : CaCal35 gTube (1:4)

Number of peaks found: 0

Peak table for sample 9 : CaCal35 gTube (1:4)

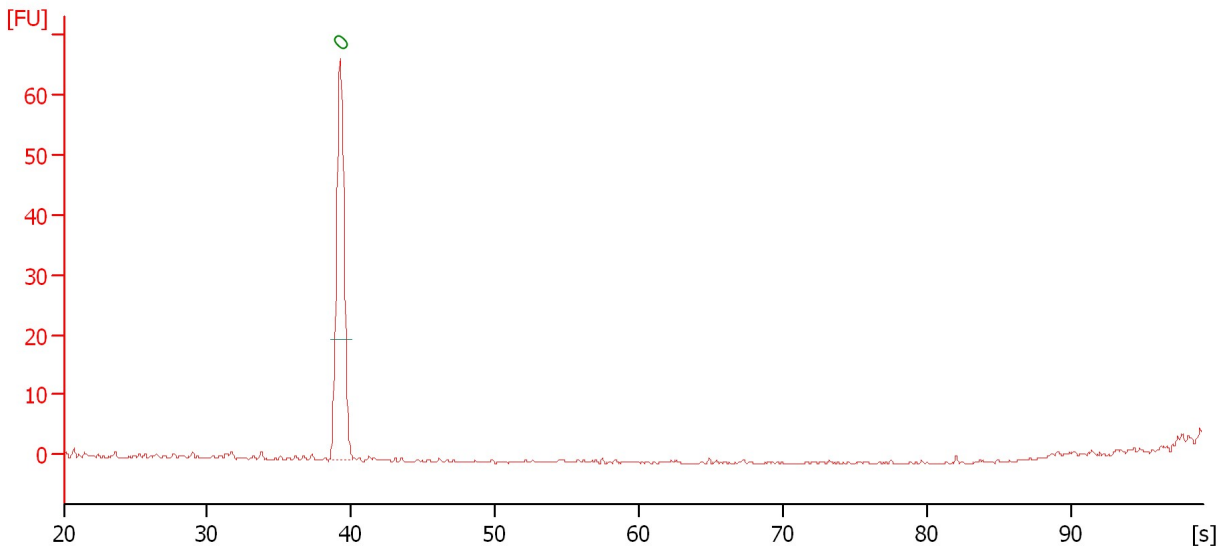
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	0	0.00	0.0	Lower Marker

Assay Class: DNA 12000
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-16\2014-01-16_001.xad

Created: 1/16/2014 9:22:28 AM
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Electropherogram Summary Continued ...

RspLCN11 ph/chl (1:2)



Overall Results for sample 10 : RspLCN11 ph/chl (1:2)

Number of peaks found: 0

Peak table for sample 10 : RspLCN11 ph/chl (1:2)

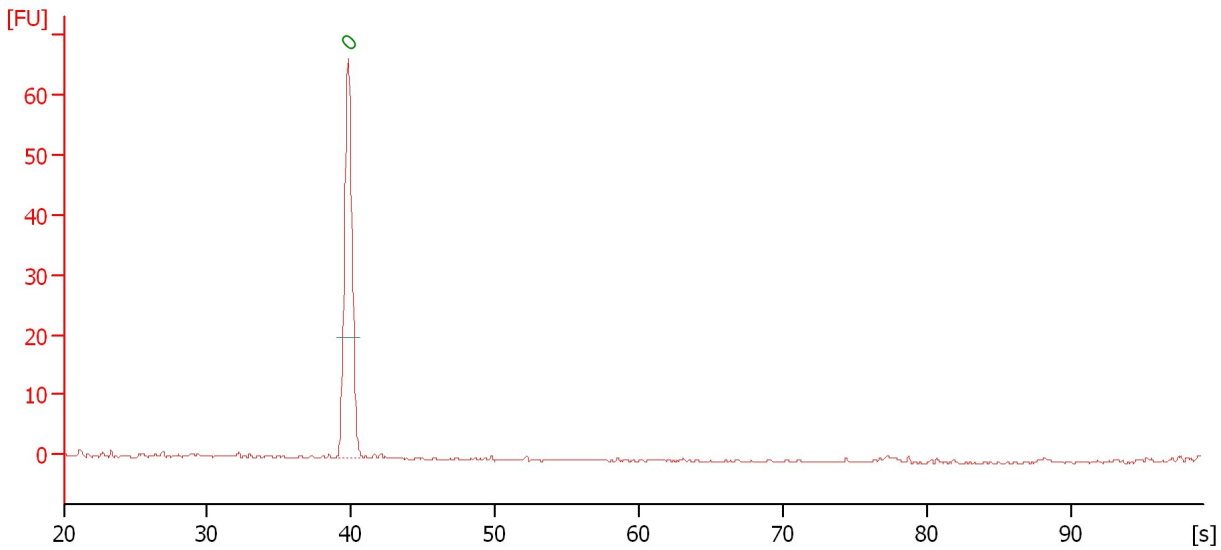
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	0	0.00	0.0	Lower Marker

Assay Class: DNA 12000
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-16\2014-01-16_001.xad

Created: 1/16/2014 9:22:28 AM
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Electropherogram Summary Continued ...

PspLCN13 ph/chl (1:2)



Overall Results for sample 11 : PspLCN13 ph/chl (1:2)

Number of peaks found: 0

Peak table for sample 11 : PspLCN13 ph/chl (1:2)

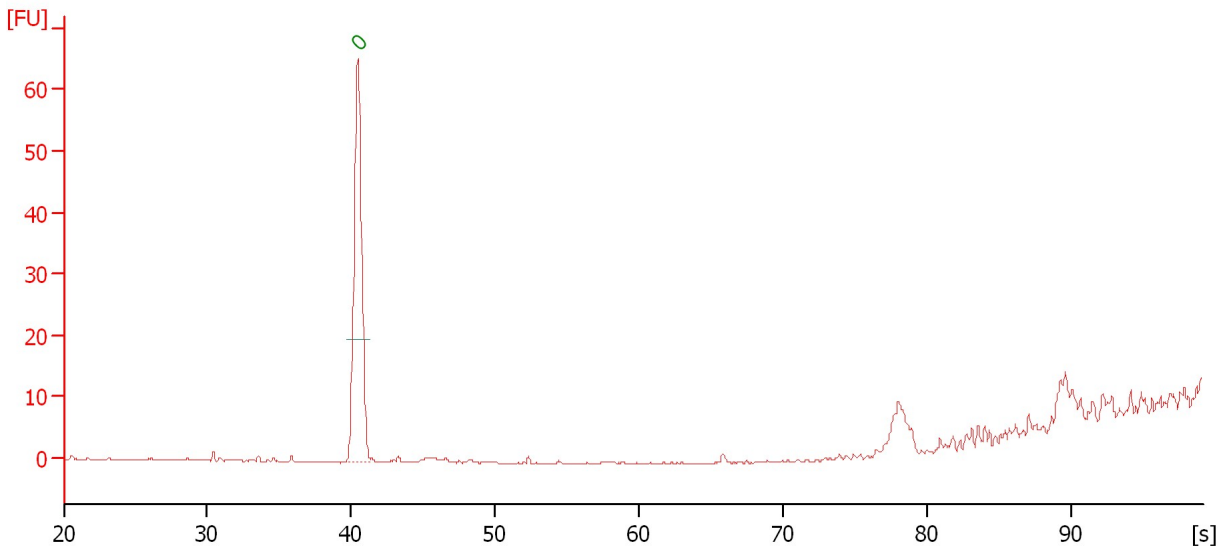
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	0	0.00	0.0	Lower Marker

Assay Class: DNA 12000
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-16\2014-01-16_001.xad

Created: 1/16/2014 9:22:28 AM
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Electropherogram Summary Continued ...

Pp1290 ph/chl (1:2)



Overall Results for sample 12 : Pp1290 ph/chl (1:2)

Number of peaks found: 0

Peak table for sample 12 : Pp1290 ph/chl (1:2)

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

Assay Class: DNA 12000
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-16\2014-01-16_001.xad

Created: 1/16/2014 9:22:28 AM
Modified: 1/16/2014 9:57:34 AM

Gel Image

