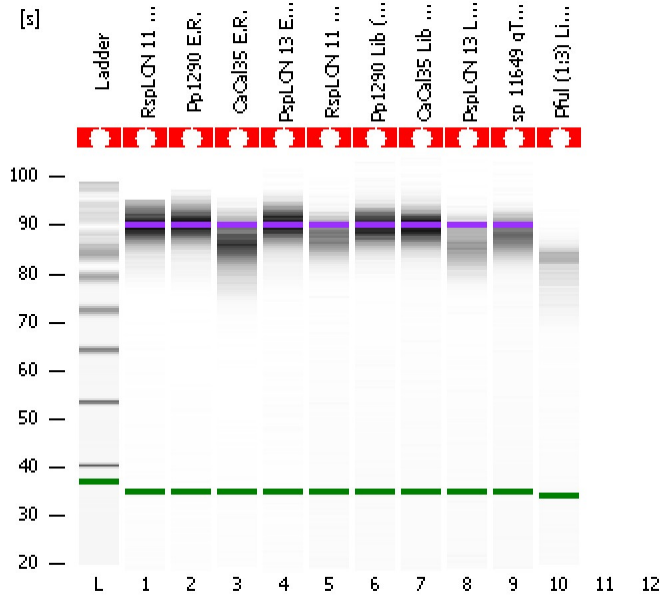


Assay Class: DNA 12000
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-05\2014-02-05_004.xad

Created: 2/5/2014 3:26:59 PM
Modified: 2/5/2014 3:57:48 PM

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

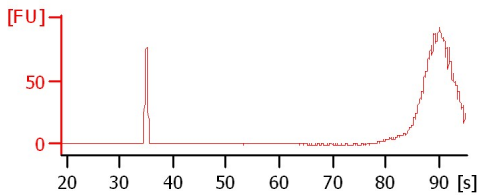
Assay Class: DNA 12000
Version: 2.4
Assay Comments: DNA Analysis 100 -12000 bp

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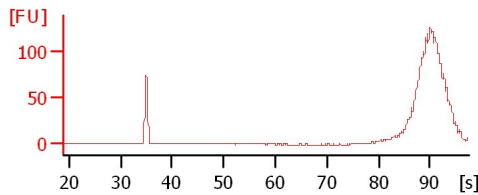
Chip Information:

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

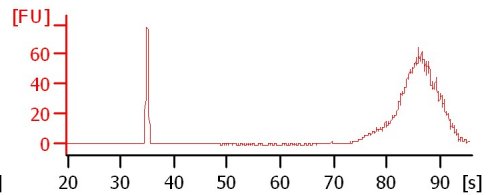
RspLCN 11 E.R.



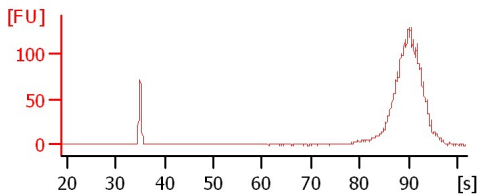
Pp1290 E.R.



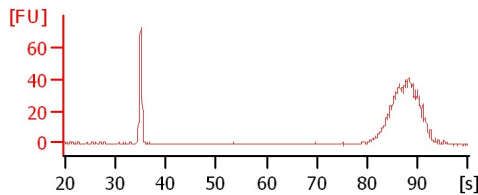
CaCal35 E.R.



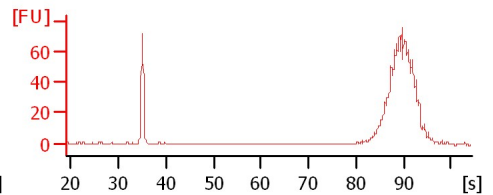
PspLCN 13 E.R.



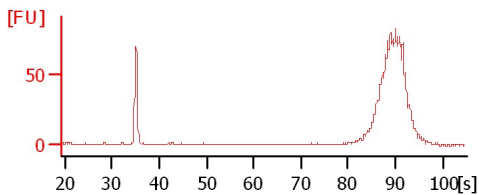
RspLCN 11 Lib (1:2)



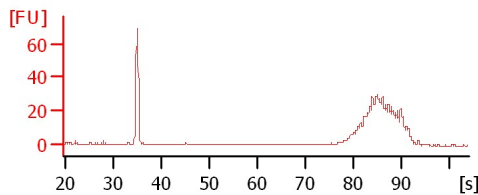
Pp1290 Lib (1:2)



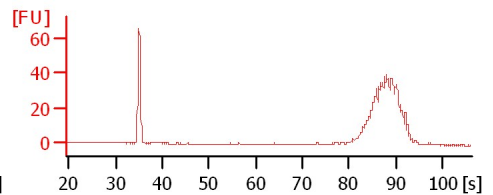
CaCal35 Lib (1:2)



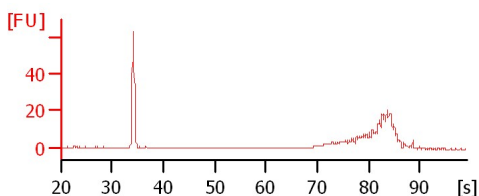
PspLCN 13 Lib (1:2)



sp 11649 gTube



Pful (1:3) Lib - 1st purif



Assay Class: DNA 12000
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-05\2014-02-05_004.xad

Created: 2/5/2014 3:26:59 PM
Modified: 2/5/2014 3:57:48 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
RspLCN 11 E.R.		<input type="checkbox"/>	✓			
Pp1290 E.R.		<input type="checkbox"/>	✓			
CaCal35 E.R.		<input type="checkbox"/>	✓			
PspLCN 13 E.R.		<input type="checkbox"/>	✓			
RspLCN 11 Lib (1:2)		<input type="checkbox"/>	✓			
Pp1290 Lib (1:2)		<input type="checkbox"/>	✓			
CaCal35 Lib (1:2)		<input type="checkbox"/>	✓			
PspLCN 13 Lib (1:2)		<input type="checkbox"/>	✓			
sp 11649 gTube		<input type="checkbox"/>	✓			
Pful (1:3) Lib - 1st purif		<input type="checkbox"/>	✓			
		<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\2014-02-05\2014-02-05_004.xad

Created: 2/5/2014 3:26:59 PM
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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

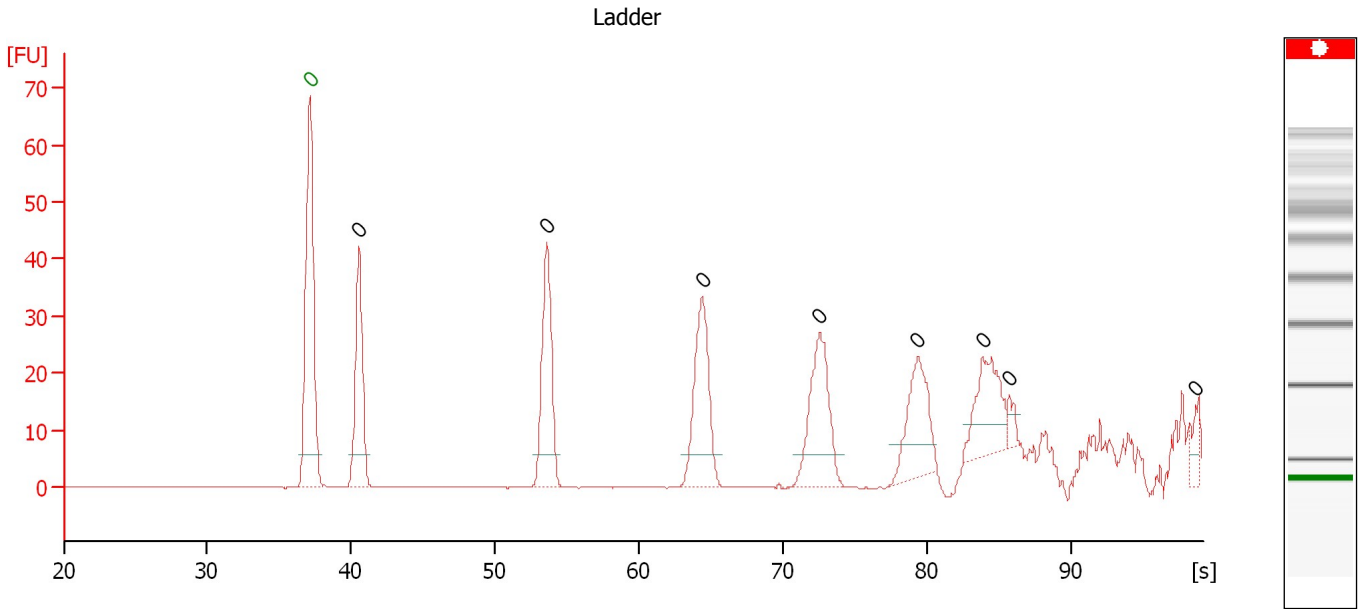
Ladder

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\2014-02-05\2014-02-05_004.xad

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Electropherogram Summary



Peak table for Ladder

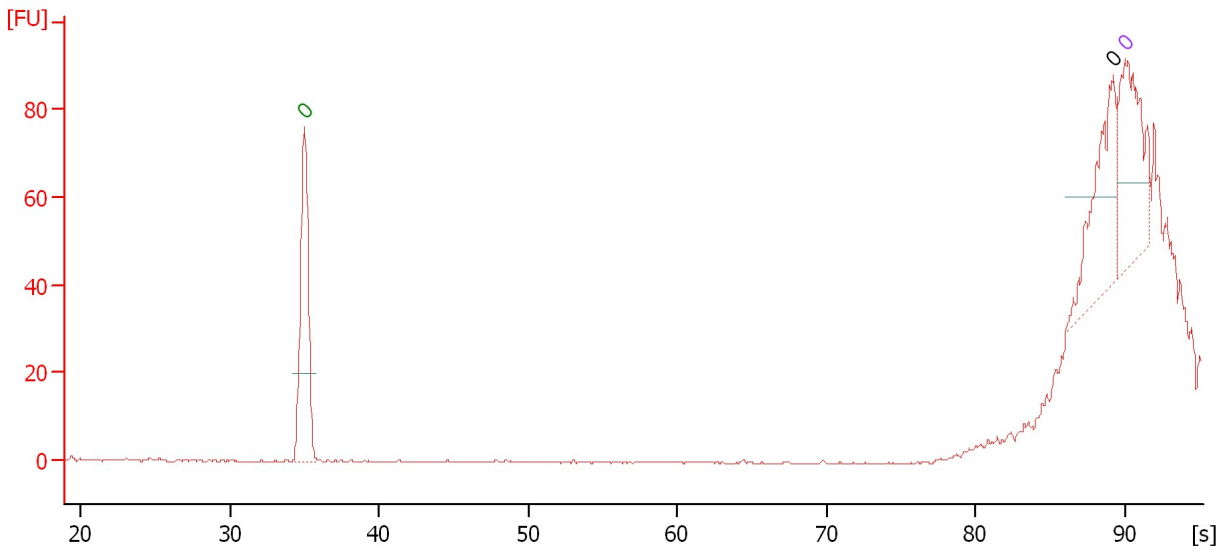
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	0	0.00	0.0	Lower Marker
2	0	0.00	0.0	Ladder Peak
3	0	0.00	0.0	Ladder Peak
4	0	0.00	0.0	Ladder Peak
5	0	0.00	0.0	Ladder Peak
6	0	0.00	0.0	Ladder Peak
7	0	0.00	0.0	Ladder Peak
8	0	0.00	0.0	Ladder Peak
9	0	0.00	0.0	Ladder Peak

Assay Class: DNA 12000
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-05\2014-02-05_004.xad

Created: 2/5/2014 3:26:59 PM
Modified: 2/5/2014 3:57:48 PM

Electropherogram Summary Continued ...

RspLCN 11 E.R.



Overall Results for sample 1 : RspLCN 11 E.R.

Number of peaks found: 1

Peak table for sample 1 : RspLCN 11 E.R.

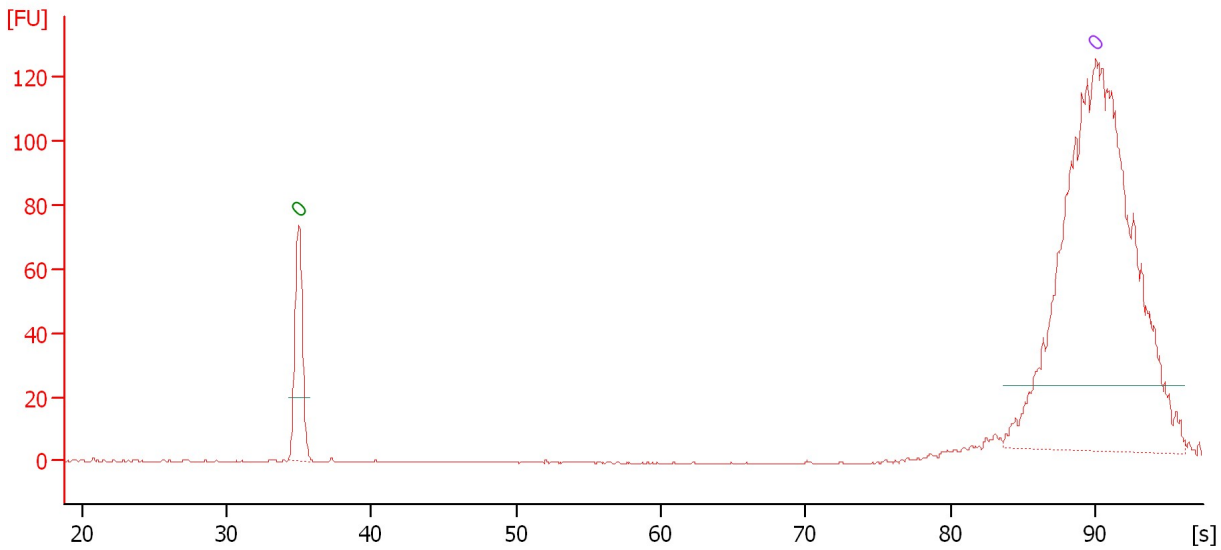
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	0	0.00	0.0	Lower Marker
2	0	0.00	0.0	
3	0	0.00	0.0	Upper Marker

Assay Class: DNA 12000
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-05\2014-02-05_004.xad

Created: 2/5/2014 3:26:59 PM
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Electropherogram Summary Continued ...

Pp1290 E.R.



Overall Results for sample 2 : Pp1290 E.R.

Number of peaks found: 0

Peak table for sample 2 : Pp1290 E.R.

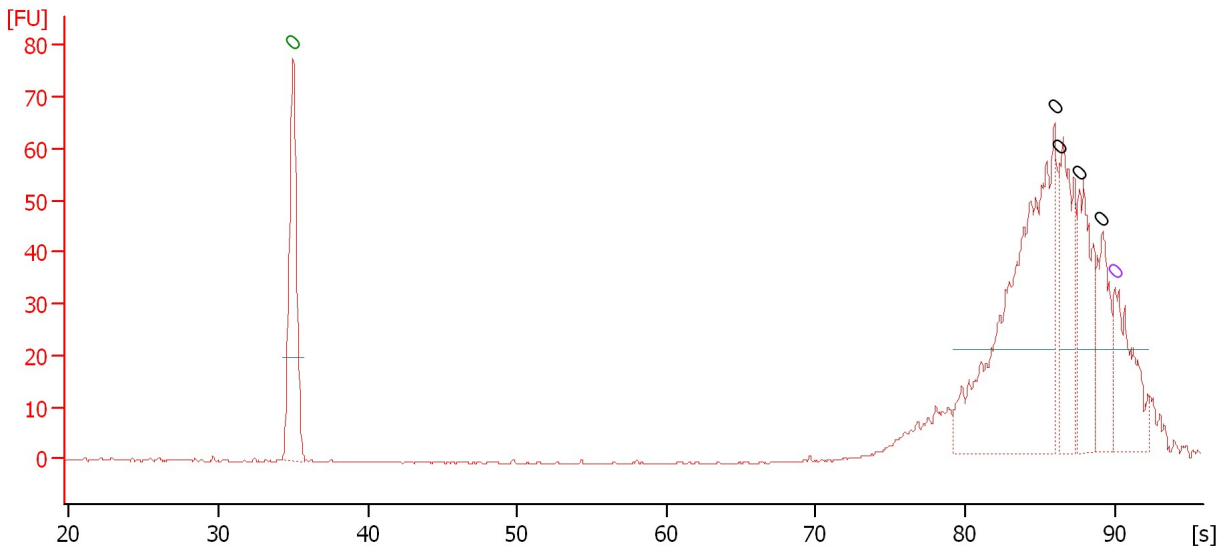
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	0	0.00	0.0	Lower Marker
2	0	0.00	0.0	Upper Marker

Assay Class: DNA 12000
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-05\2014-02-05_004.xad

Created: 2/5/2014 3:26:59 PM
 Modified: 2/5/2014 3:57:48 PM

Electropherogram Summary Continued ...

CaCal35 E.R.



Overall Results for sample 3 : CaCal35 E.R.

Number of peaks found: 4

Peak table for sample 3 : CaCal35 E.R.

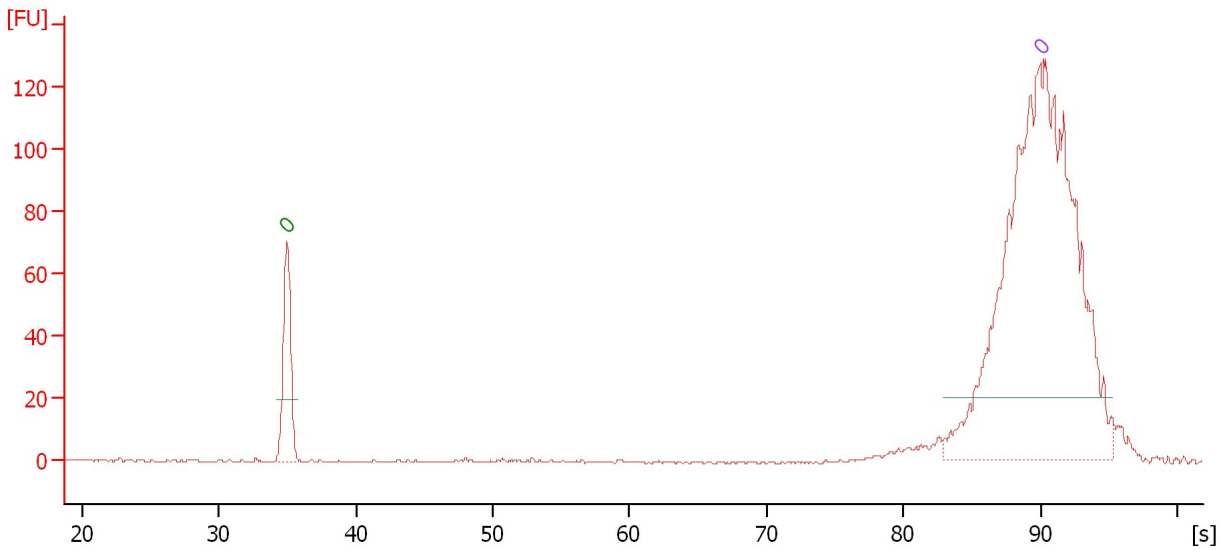
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	0	0.00	0.0	Lower Marker
2	0	0.00	0.0	
3	0	0.00	0.0	
4	0	0.00	0.0	
5	0	0.00	0.0	
6	0	0.00	0.0	Upper Marker

Assay Class: DNA 12000
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-05\2014-02-05_004.xad

Created: 2/5/2014 3:26:59 PM
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Electropherogram Summary Continued ...

PspLCN 13 E.R.



Overall Results for sample 4 : PspLCN 13 E.R.

Number of peaks found: 0

Peak table for sample 4 : PspLCN 13 E.R.

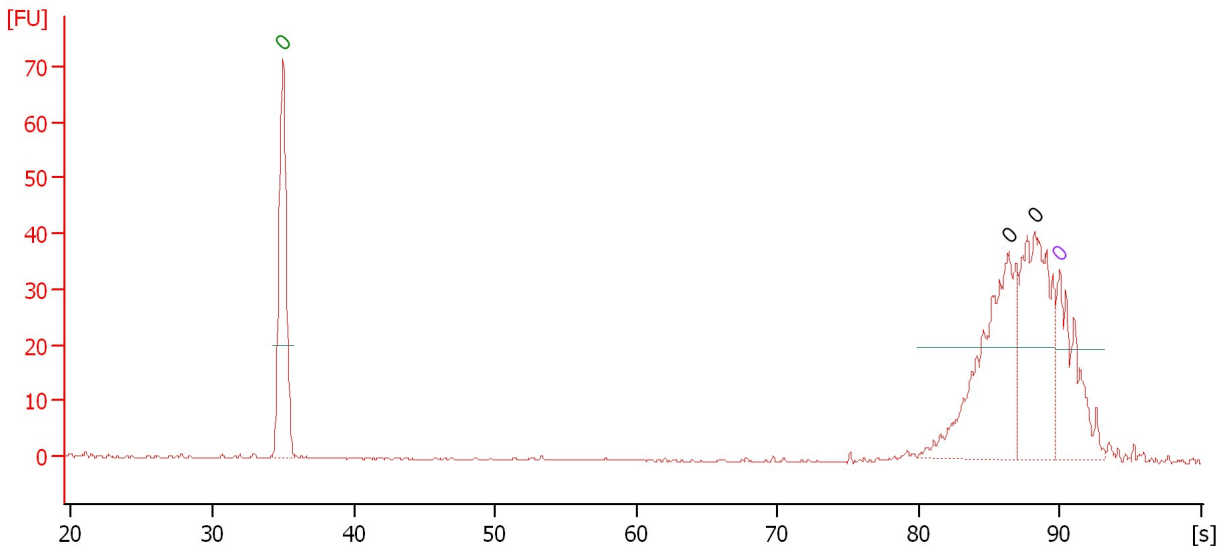
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	0	0.00	0.0	Lower Marker
2	0	0.00	0.0	Upper Marker

Assay Class: DNA 12000
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-05\2014-02-05_004.xad

Created: 2/5/2014 3:26:59 PM
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Electropherogram Summary Continued ...

RspLCN 11 Lib (1:2)



Overall Results for sample 5 : RspLCN 11 Lib (1:2)

Number of peaks found: 2

Peak table for sample 5 : RspLCN 11 Lib (1:2)

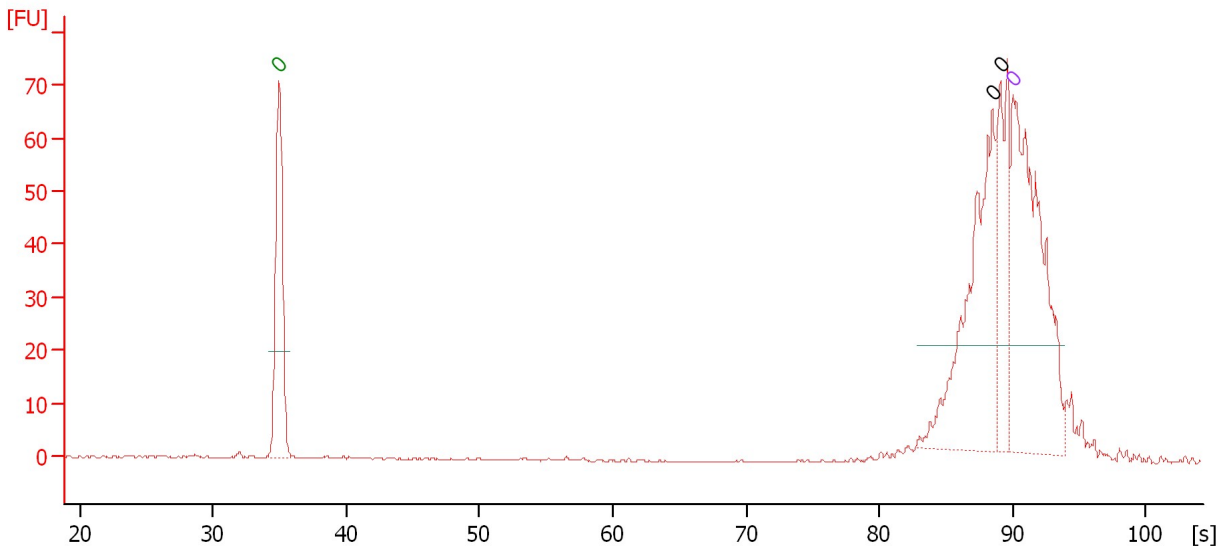
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	0	0.00	0.0	Lower Marker
2	0	0.00	0.0	
3	0	0.00	0.0	
4	0	0.00	0.0	Upper Marker

Assay Class: DNA 12000
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-05\2014-02-05_004.xad

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Electropherogram Summary Continued ...

Pp1290 Lib (1:2)



Overall Results for sample 6 : Pp1290 Lib (1:2)

Number of peaks found: 2

Peak table for sample 6 : Pp1290 Lib (1:2)

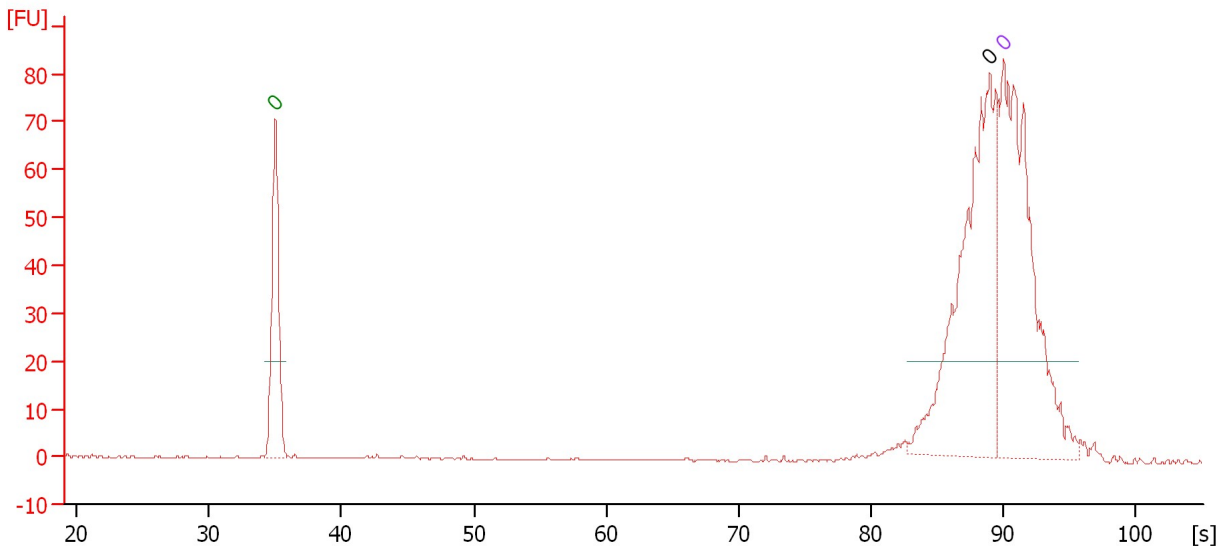
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	0	0.00	0.0	Lower Marker
2	0	0.00	0.0	
3	0	0.00	0.0	
4	0	0.00	0.0	Upper Marker

Assay Class: DNA 12000
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-05\2014-02-05_004.xad

Created: 2/5/2014 3:26:59 PM
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Electropherogram Summary Continued ...

CaCal35 Lib (1:2)



Overall Results for sample 7 : CaCal35 Lib (1:2)

Number of peaks found: 1

Peak table for sample 7 : CaCal35 Lib (1:2)

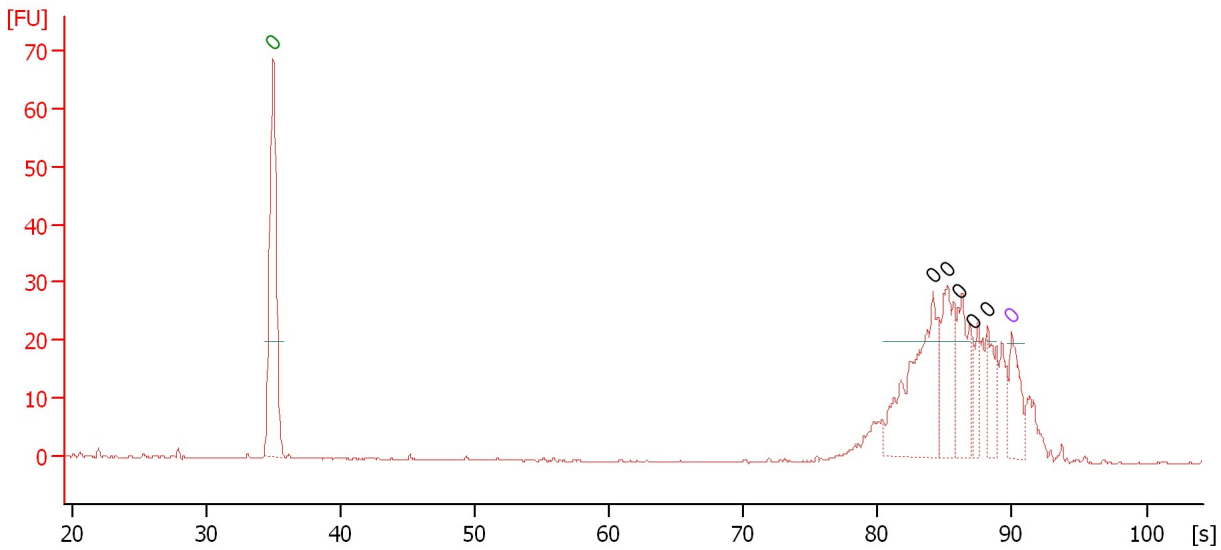
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	0	0.00	0.0	Lower Marker
2	0	0.00	0.0	
3	0	0.00	0.0	Upper Marker

Assay Class: DNA 12000
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-05\2014-02-05_004.xad

Created: 2/5/2014 3:26:59 PM
 Modified: 2/5/2014 3:57:48 PM

Electropherogram Summary Continued ...

PspLCN 13 Lib (1:2)



Overall Results for sample 8 : PspLCN 13 Lib (1:2)

Number of peaks found: 5

Peak table for sample 8 : PspLCN 13 Lib (1:2)

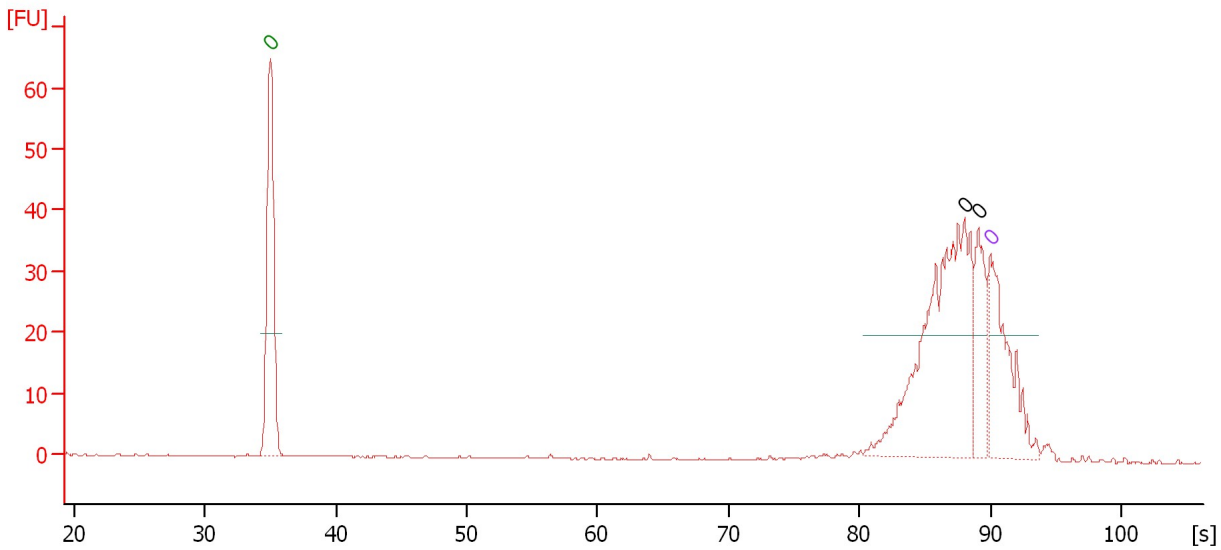
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	0	0.00	0.0	Lower Marker
2	0	0.00	0.0	
3	0	0.00	0.0	
4	0	0.00	0.0	
5	0	0.00	0.0	
6	0	0.00	0.0	
7	0	0.00	0.0	Upper Marker

Assay Class: DNA 12000
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-05\2014-02-05_004.xad

Created: 2/5/2014 3:26:59 PM
Modified: 2/5/2014 3:57:48 PM

Electropherogram Summary Continued ...

sp 11649 gTube



Overall Results for sample 9 : sp 11649 gTube

Number of peaks found: 2

Peak table for sample 9 : sp 11649 gTube

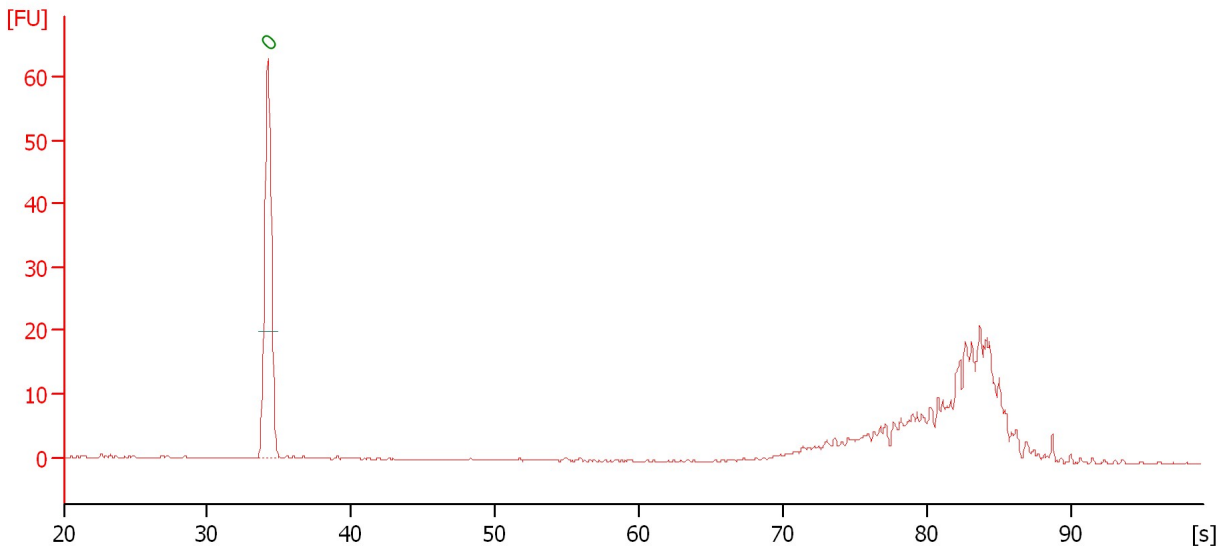
Peak	Size [bp]	Conc. [ng/μl]	Molarity [nmol/l]	Observations
1	0	0.00	0.0	Lower Marker
2	0	0.00	0.0	
3	0	0.00	0.0	
4	0	0.00	0.0	Upper Marker

Assay Class: DNA 12000
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-05\2014-02-05_004.xad

Created: 2/5/2014 3:26:59 PM
Modified: 2/5/2014 3:57:48 PM

Electropherogram Summary Continued ...

Pful (1:3) Lib - 1st purif



Overall Results for sample 10 : Pful (1:3) Lib - 1st purif

Number of peaks found: 0

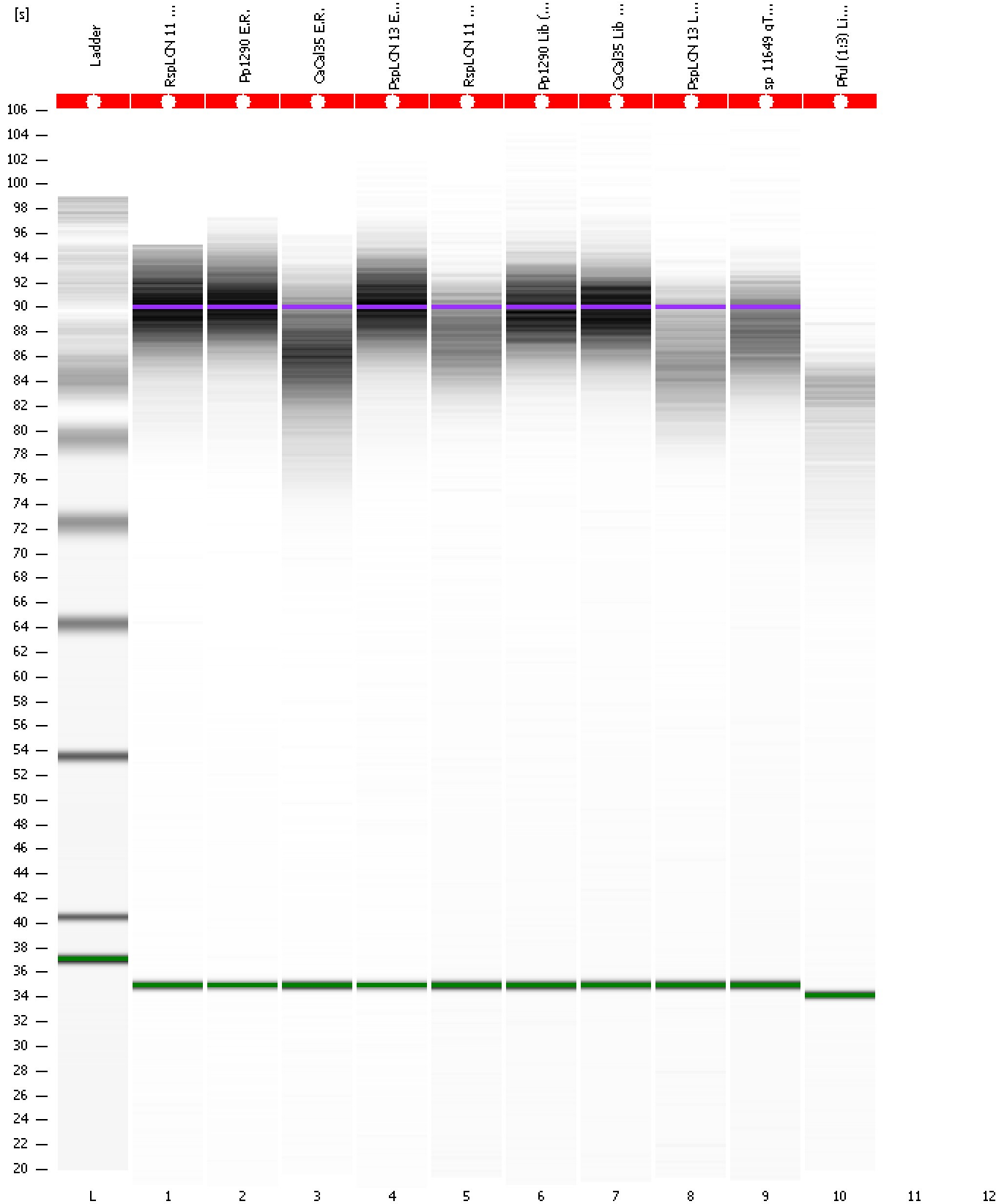
Peak table for sample 10 : Pful (1:3) Lib - 1st purif

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\2014-02-05\2014-02-05_004.xad

Created: 2/5/2014 3:26:59 PM
Modified: 2/5/2014 3:57:48 PM

Gel Image



Assay Class: DNA 12000
Data Path: C:\...ents and Settings\Bioanalyzer\2014-02-05\2014-02-05_004.xad

Created: 2/5/2014 3:26:59 PM
Modified: 2/5/2014 3:57:48 PM

Invalid Samples

Sample 11 has not been run, no results available.

Sample 12 has not been run, no results available.