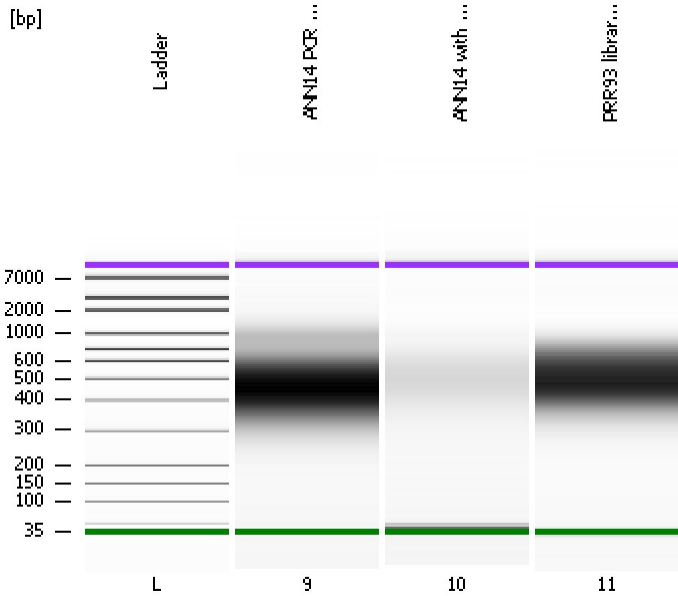


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...data\2017-06-20\2017-06-20_001_Yuzon_ANN14_PR93-library.xad

Created: 6/20/2017 9:18:35 AM
Modified: 6/20/2017 10:01:37 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\High Sensitivity DNA.xsy
Assay Class: High Sensitivity DNA Assay
Version: 1.03
Assay Comments: Copyright © 2003-2010 Agilent Technologies

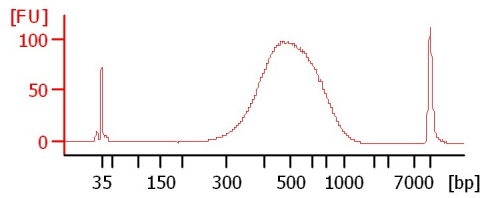
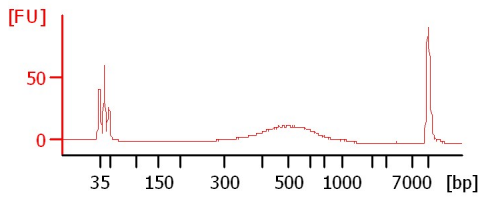
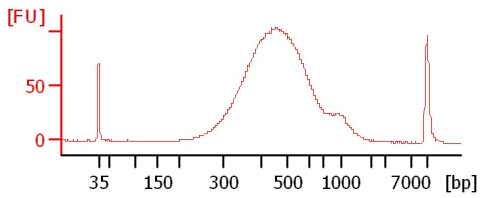
Chip Information:

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

ANN14 PCR Free library

ANN14 with 2 cyc PCR

PRR93 library with 4 cyc PCR



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...data\2017-06-20\2017-06-20_001_Yuzon_ANN14_PR93-library.xad

Created: 6/20/2017 9:18:35 AM
 Modified: 6/20/2017 10:01:37 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
ANN14 PCR Free library		<input type="checkbox"/>	✓			
ANN14 with 2 cyc PCR		<input type="checkbox"/>	✓			
PRR93 library with 4 cyc PCR		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

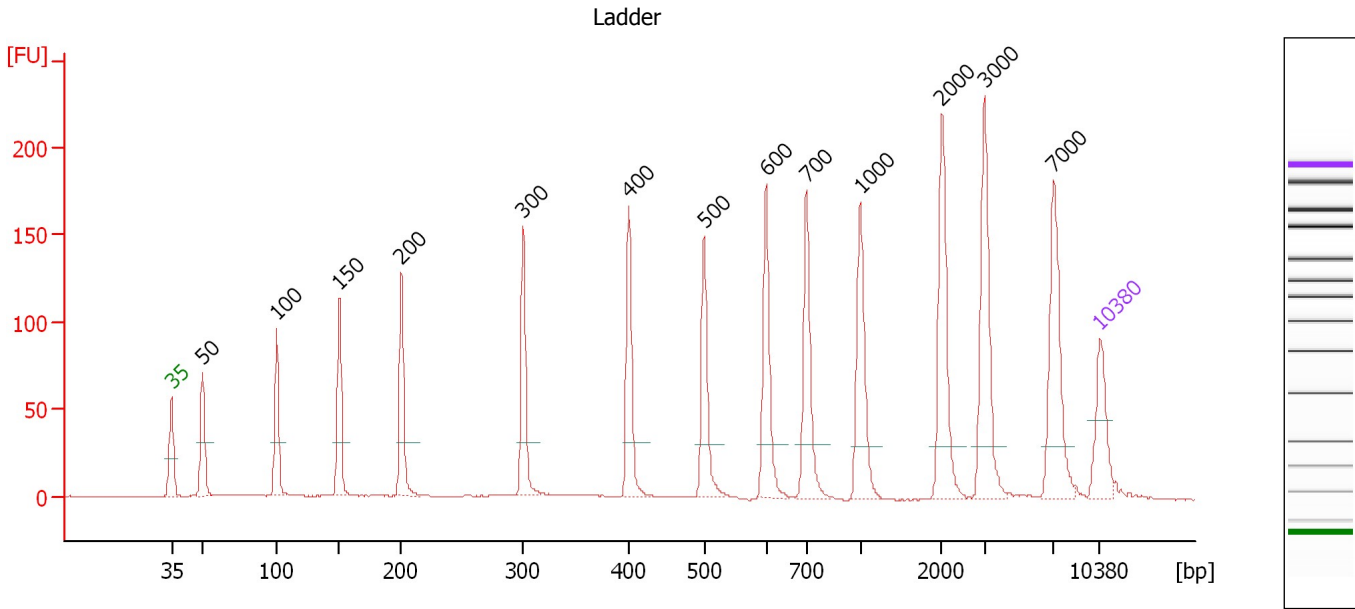
Chip Lot # **Reagent Kit Lot #**

Chip Comments :

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...data\2017-06-20\2017-06-20_001_Yuzon_ANN14_PR93-library.xad

Created: 6/20/2017 9:18:35 AM
 Modified: 6/20/2017 10:01:37 AM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

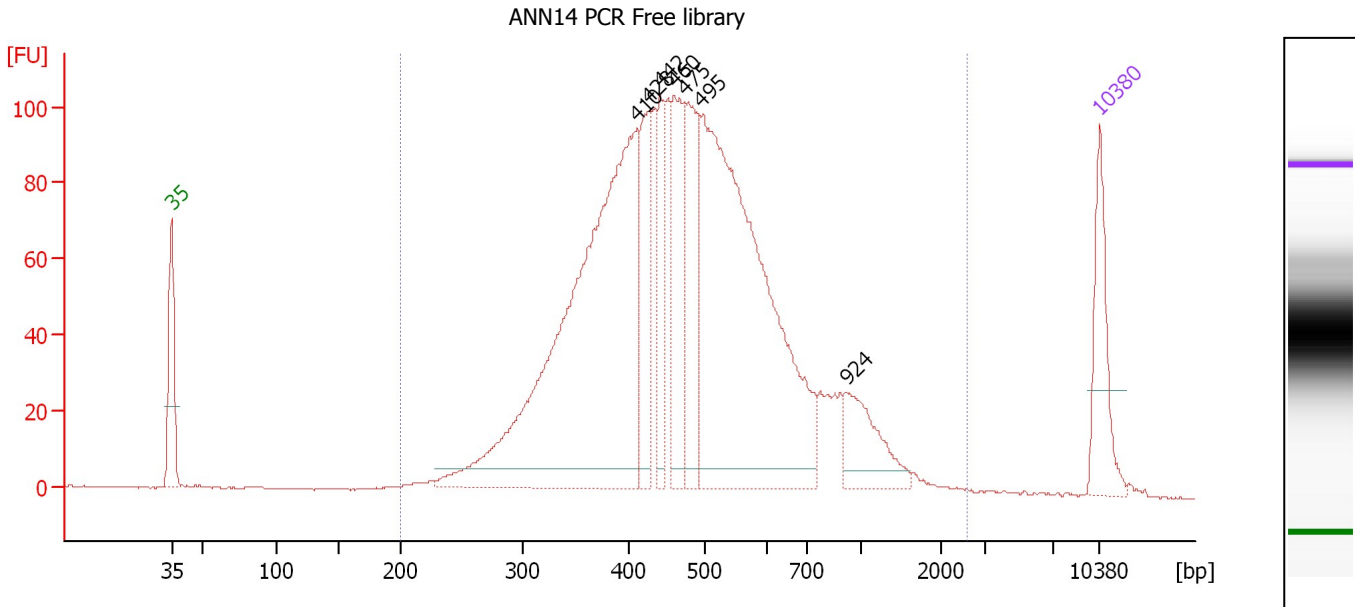
Peak table for Ladder

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	50	150.00	4,545.5	Ladder Peak	45.35
3	100	150.00	2,272.7	Ladder Peak	50.94
4	150	150.00	1,515.2	Ladder Peak	55.64
5	200	150.00	1,136.4	Ladder Peak	60.34
6	300	150.00	757.6	Ladder Peak	69.54
7	400	150.00	568.2	Ladder Peak	77.48
8	500	150.00	454.5	Ladder Peak	83.17
9	600	150.00	378.8	Ladder Peak	87.82
10	700	150.00	324.7	Ladder Peak	90.87
11	1,000	150.00	227.3	Ladder Peak	94.91
12	2,000	150.00	113.6	Ladder Peak	101.07
13	3,000	150.00	75.8	Ladder Peak	104.26
14	7,000	150.00	32.5	Ladder Peak	109.52
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...data\2017-06-20\2017-06-20_001_Yuzon_ANN14_PR93-library.xad

Created: 6/20/2017 9:18:35 AM
 Modified: 6/20/2017 10:01:37 AM

Electropherogram Summary Continued ...



Overall Results for sample 9 : ANN14 PCR Free library

Number of peaks found: 7 Corr. Area 1: 2,154.1
 Noise: 0.2

Peak table for sample 9 : ANN14 PCR Free library

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	410	823.60	3,040.2		78.08
3	428	132.56	469.6		79.06
4	442	98.76	338.3		79.89
5	460	143.07	470.8		80.92
6	475	160.64	512.4		81.75
7	495	752.82	2,304.4		82.88
8	924	82.85	135.9		93.89
9	10,380	75.00	10.9	Upper Marker	113.00

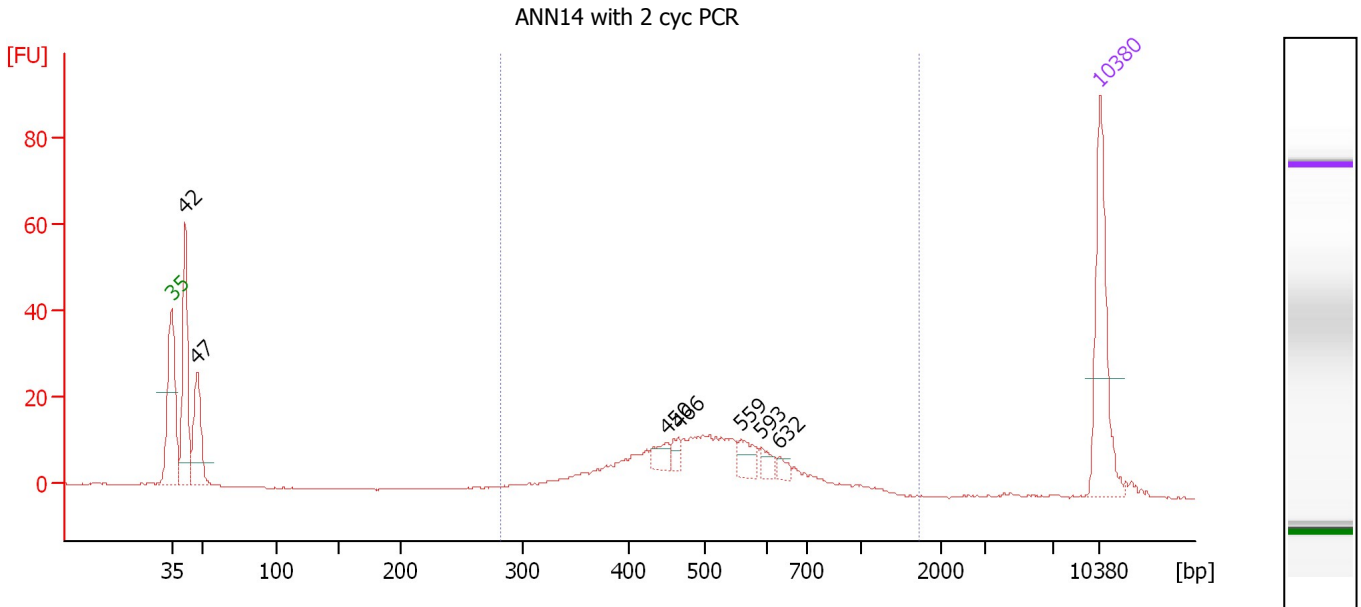
Region table for sample 9 : ANN14 PCR Free library

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
200	2,577	511	2,154.1	8,430.9	2,465.75	100	42.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...data\2017-06-20\2017-06-20_001_Yuzon_ANN14_PR93-library.xad

Created: 6/20/2017 9:18:35 AM
 Modified: 6/20/2017 10:01:37 AM

Electropherogram Summary Continued ...



Overall Results for sample 10 : ANN14 with 2 cyc PCR

Number of peaks found: 7 Corr. Area 1: 215.4
 Noise: 0.2

Peak table for sample 10 : ANN14 with 2 cyc PCR

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	35	125.00	5,411.3	Lower Marker	43.00
2	42	133.07	4,855.2		44.02
3	47	78.63	2,513.4		44.94
4	450	14.43	48.5		80.35
5	466	10.33	33.6		81.22
6	559	17.91	48.5		85.92
7	593	9.52	24.3		87.50
8	632	6.95	16.7		88.78
9	10,380	75.00	10.9	Upper Marker	113.00

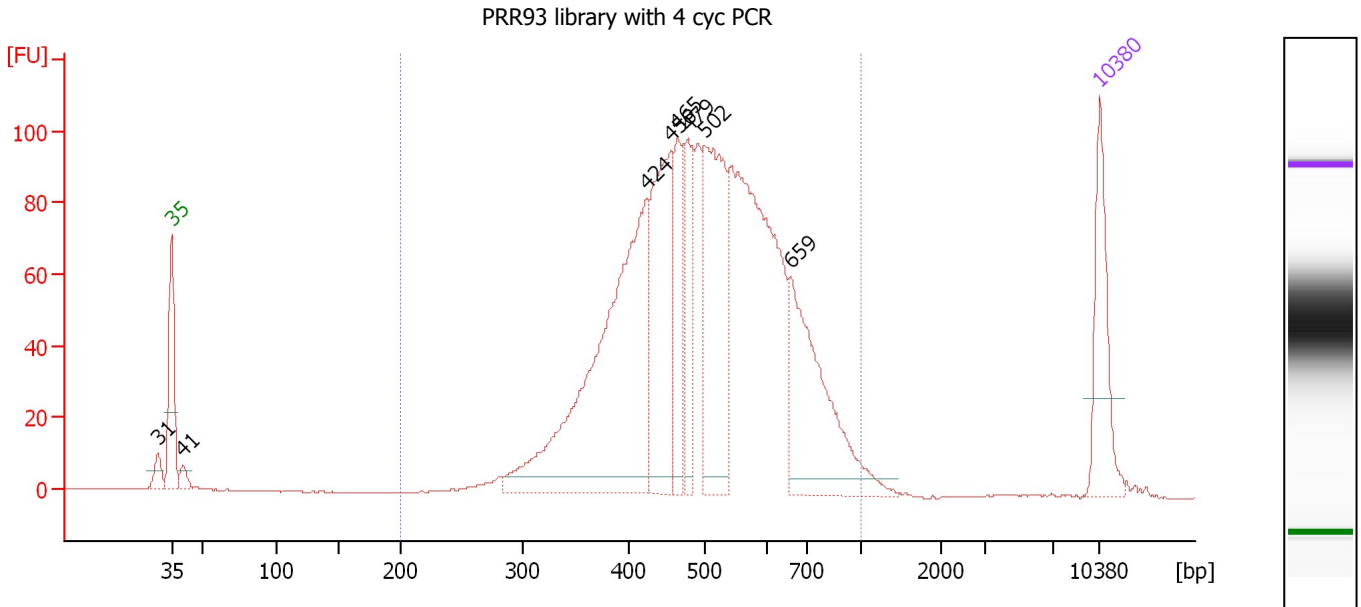
Region table for sample 10 : ANN14 with 2 cyc PCR

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
282	1,732	518	215.4	893.8	282.90	66	26.3

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...data\2017-06-20\2017-06-20_001_Yuzon_ANN14_PRR3-library.xad

Created: 6/20/2017 9:18:35 AM
 Modified: 6/20/2017 10:01:37 AM

Electropherogram Summary Continued ...



Overall Results for sample 11 : PRR3 library with 4 cyc PCR

Number of peaks found: 8 Corr. Area 1: 1,771.6
 Noise: 0.2

Peak table for sample 11 : PRR3 library with 4 cyc PCR

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	31	0.00	0.0		41.95
2	35	125.00	5,411.3	Lower Marker	43.00
3	41	14.65	545.7		43.89
4	424	460.13	1,643.2		78.86
5	456	209.36	696.3		80.64
6	465	90.12	293.8		81.16
7	479	89.41	283.1		81.95
8	502	230.56	696.1		83.25
9	659	202.34	465.0		89.63
10	10,380	75.00	10.9	Upper Marker	113.00

Region table for sample 11 : PRR3 library with 4 cyc PCR

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
200	1,000	514	1,771.6	5,685.6	1,788.45	97	24.1

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...data\2017-06-20\2017-06-20_001_Yuzon_ANN14_PR93-library.xad

Created: 6/20/2017 9:18:35 AM
Modified: 6/20/2017 10:01:37 AM

Gel Image

