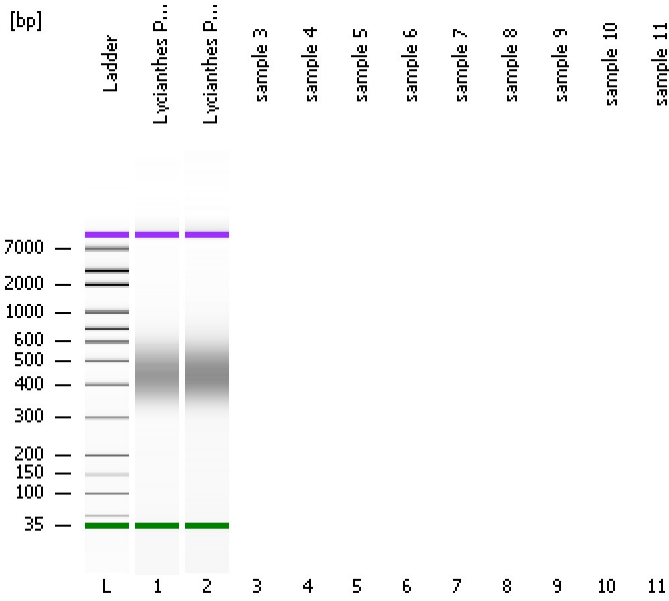


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-09\2017-05-09_003.xad

Created: 5/9/2017 3:30:05 PM
Modified: 5/9/2017 3:46:58 PM

Electrophoresis File Run Summary



Instrument Information:

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

Assay Information:

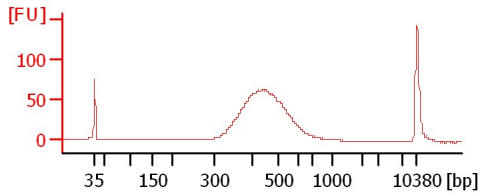
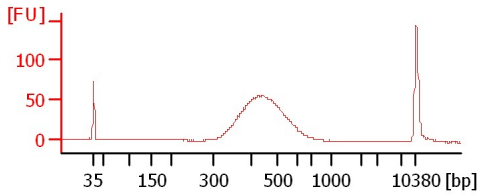
Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\High Sensitivity DNA.xsy
Assay Class: High Sensitivity DNA Assay
Version: 1.03
Assay Comments: Copyright © 2003-2010 Agilent Technologies

Chip Information:

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

Lycianthes Pool 1 -15

Lycianthes Pool 2 -20



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-09\2017-05-09_003.xad

Created: 5/9/2017 3:30:05 PM
 Modified: 5/9/2017 3:46:58 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
Lycianthes Pool 1 -15		<input type="checkbox"/>				
Lycianthes Pool 2 -20		<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"/>				
sample 11		<input type="checkbox"/>				
Ladder		<input type="checkbox"/>		✓		

Chip Lot #

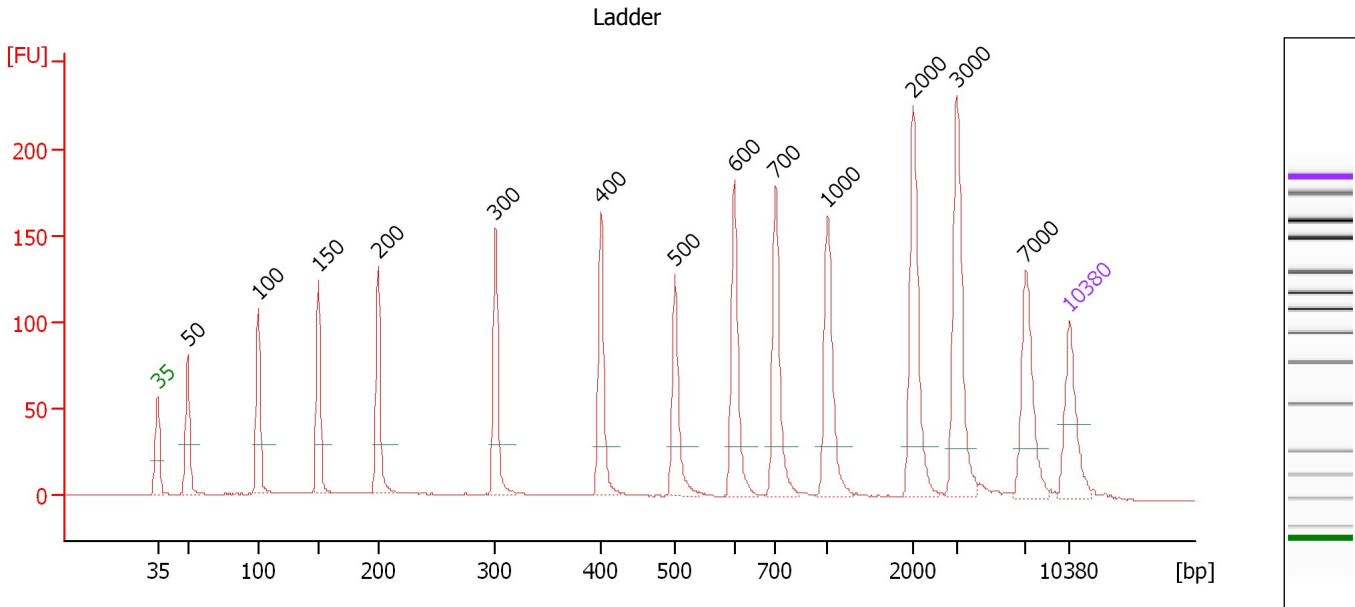
Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-09\2017-05-09_003.xad

Created: 5/9/2017 3:30:05 PM
 Modified: 5/9/2017 3:46:58 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.1

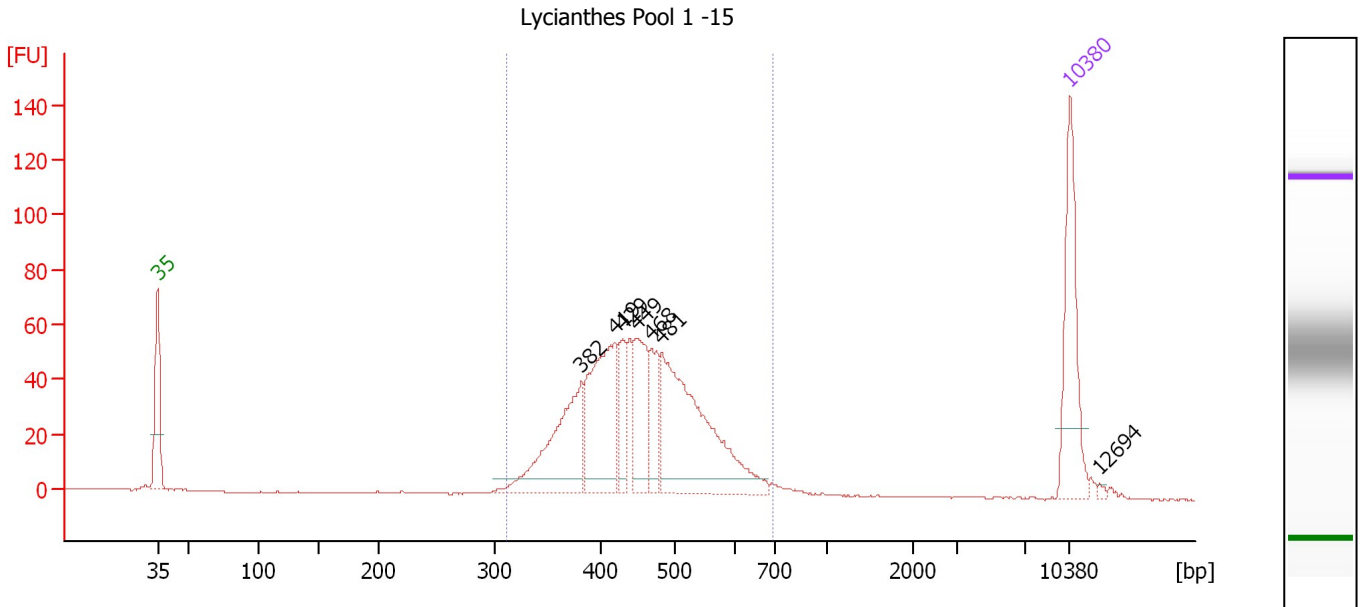
Peak table for Ladder

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	45.30
3	100	150.00	2,272.7	Ladder Peak	50.75
4	150	150.00	1,515.2	Ladder Peak	55.35
5	200	150.00	1,136.4	Ladder Peak	59.95
6	300	150.00	757.6	Ladder Peak	68.92
7	400	150.00	568.2	Ladder Peak	77.04
8	500	150.00	454.5	Ladder Peak	82.72
9	600	150.00	378.8	Ladder Peak	87.27
10	700	150.00	324.7	Ladder Peak	90.42
11	1,000	150.00	227.3	Ladder Peak	94.41
12	2,000	150.00	113.6	Ladder Peak	100.98
13	3,000	150.00	75.8	Ladder Peak	104.36
14	7,000	150.00	32.5	Ladder Peak	109.62
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-09\2017-05-09_003.xad

Created: 5/9/2017 3:30:05 PM
 Modified: 5/9/2017 3:46:58 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : Lycianthes Pool 1 -15

Number of peaks found: 7 Corr. Area 1: 788.5
 Noise: 0.2

Peak table for sample 1 : Lycianthes Pool 1 -15

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	382	119.87	475.9		75.54
3	419	127.13	460.1		78.09
4	429	37.87	133.6		78.71
5	449	66.05	223.1		79.79
6	468	39.15	126.8		80.88
7	481	202.88	639.1		81.64
8	10,380	75.00	10.9	Upper Marker	113.00
9	12,694	0.00	0.0		115.31

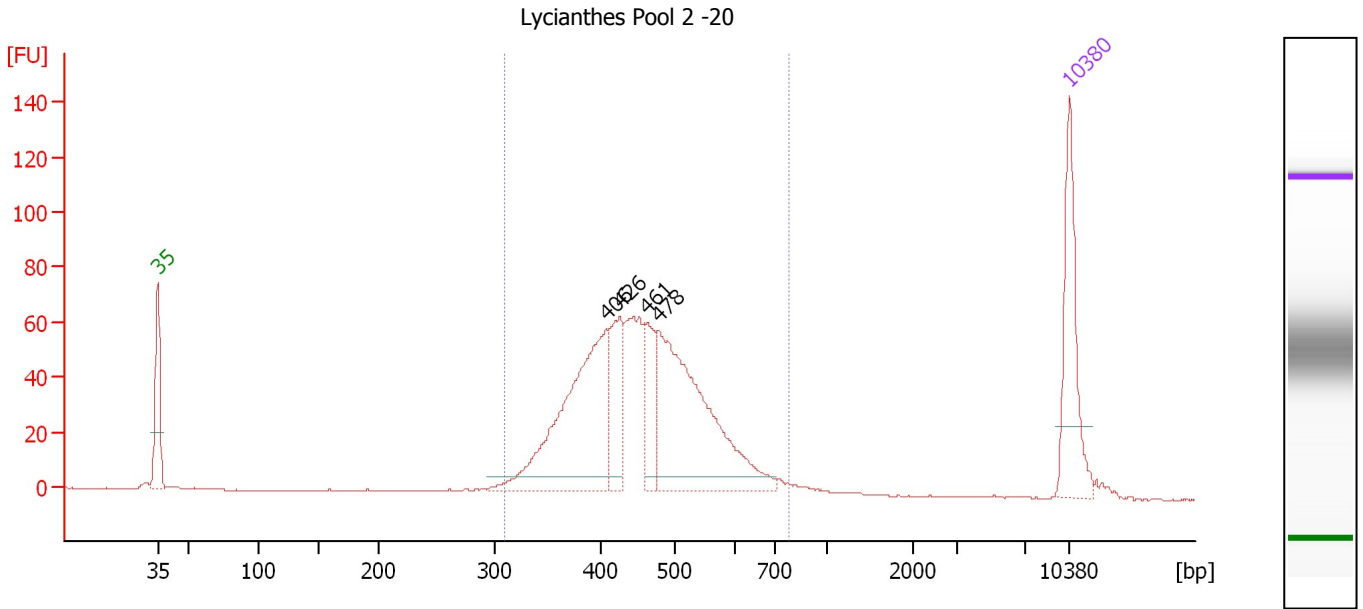
Region table for sample 1 : Lycianthes Pool 1 -15

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. [pg/μl]	% of Total	Size distribution in CV [%]
311	691	453	788.5	2,178.8	631.47	97	16.1

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-09\2017-05-09_003.xad

Created: 5/9/2017 3:30:05 PM
 Modified: 5/9/2017 3:46:58 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : Lycianthes Pool 2 -20

Number of peaks found: 4 Corr. Area 1: 901.7
 Noise: 0.2

Peak table for sample 2 : Lycianthes Pool 2 -20

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	406	237.21	884.5		77.40
3	426	66.59	236.9		78.51
4	461	54.58	179.2		80.53
5	478	255.24	808.3		81.49
6	10,380	75.00	10.9	Upper Marker	113.00

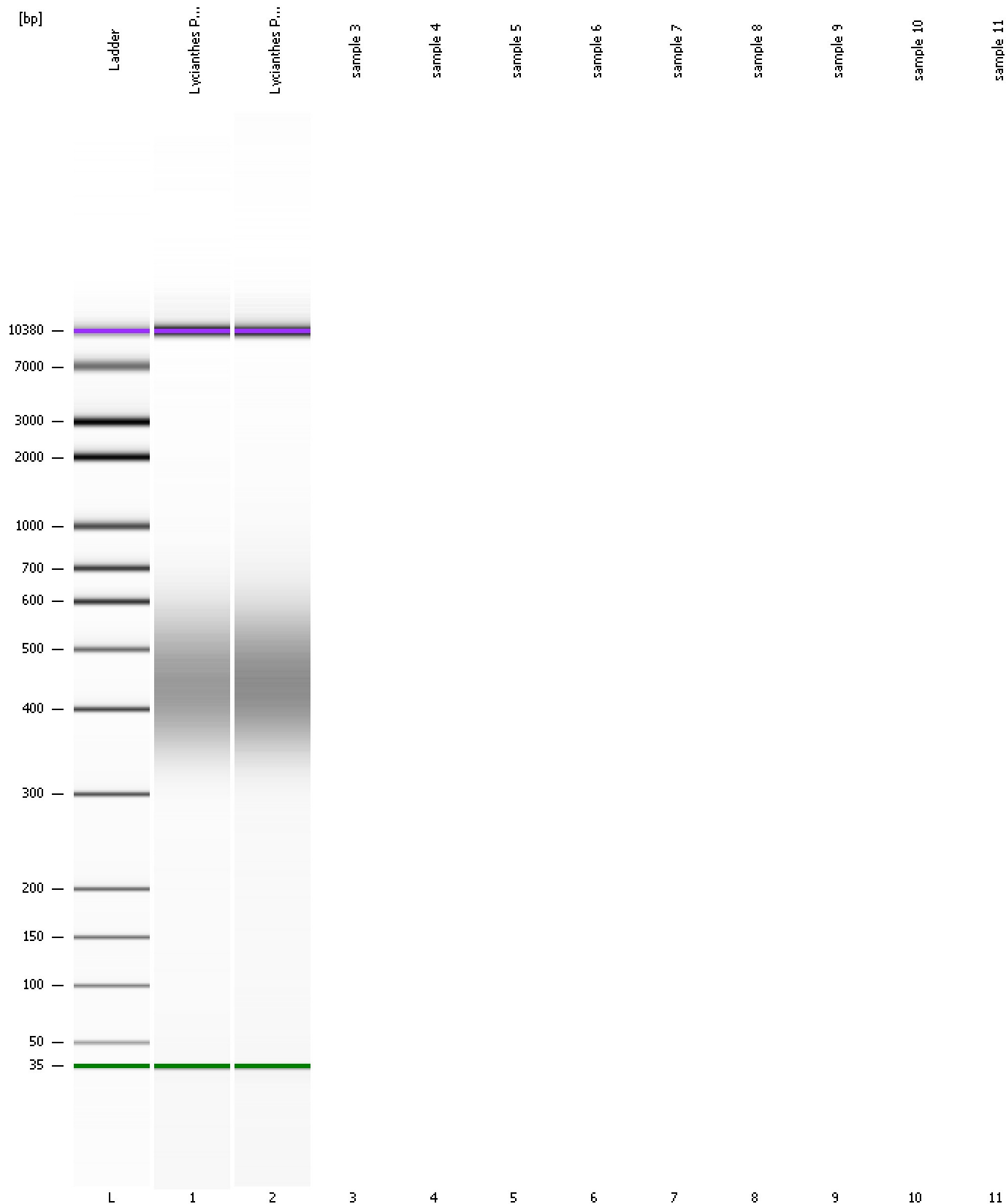
Region table for sample 2 : Lycianthes Pool 2 -20

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Molarity [pmol/l]	Co Conc. lor [pg/μl]	% of Total	Size distribution in CV [%]
309	772	457	901.7	2,463.6	717.45	98	16.9

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-09\2017-05-09_003.xad

Created: 5/9/2017 3:30:05 PM
Modified: 5/9/2017 3:46:58 PM

Gel Image



Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-09\2017-05-09_003.xad

Created: 5/9/2017 3:30:05 PM
Modified: 5/9/2017 3:46:58 PM

Invalid Samples

Sample 3 has not been run, no results available.

Sample 4 has not been run, no results available.

Sample 5 has not been run, no results available.

Sample 6 has not been run, no results available.

Sample 7 has not been run, no results available.

Sample 8 has not been run, no results available.

Sample 9 has not been run, no results available.

Sample 10 has not been run, no results available.

Sample 11 has not been run, no results available.