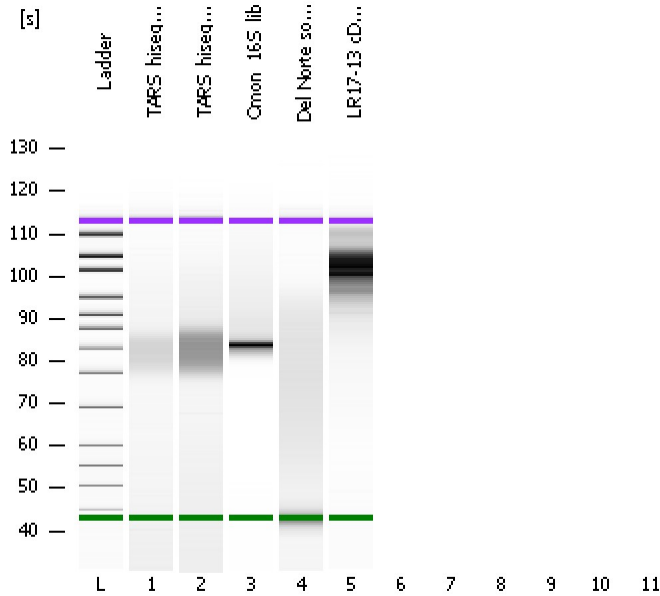


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-09\2018-04-09_001.xad

Created: 4/9/2018 9:23:45 AM
Modified: 4/9/2018 9:48:40 AM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE34903152 Firmware: C.01.069
Serial#: DE34903152 Type: G2938C

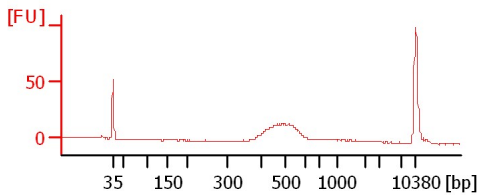
Assay Information:

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

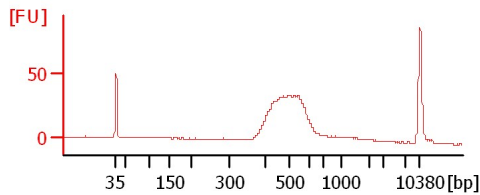
Chip Information:

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

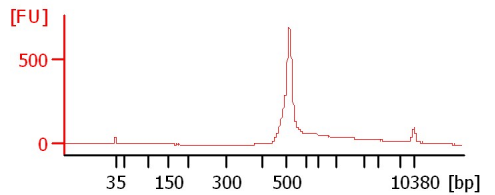
TARS_hiseq3_pippin



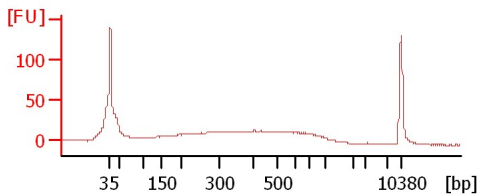
TARS_hiseq3_pippin 2



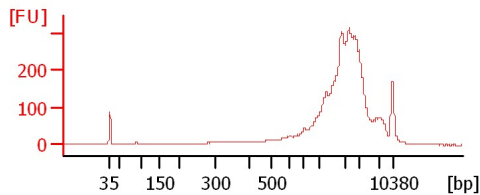
Omon_16S_lib



Del Norte sonication



LR17-13 cDNA_pcr21



Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-09\2018-04-09_001.xad

Created: 4/9/2018 9:23:45 AM
Modified: 4/9/2018 9:48:40 AM

Electrophoresis File Run Summary (Chip Summary)

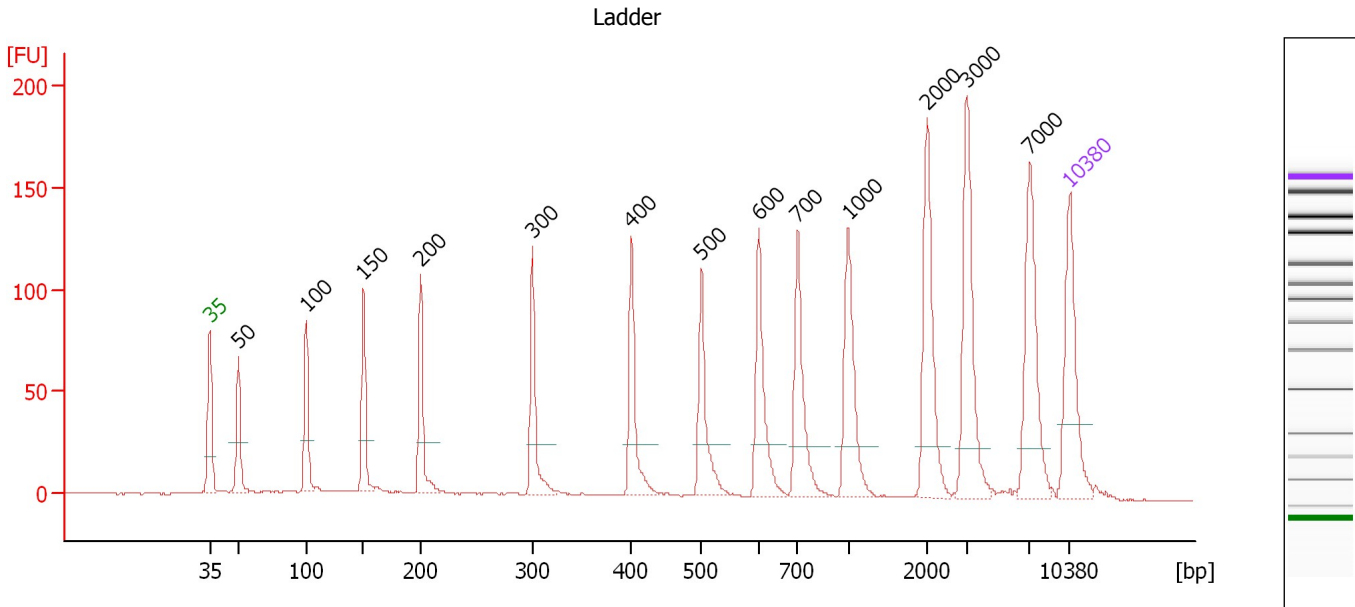
Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
TARS_hiseq3_pippin		<input type="checkbox"/>	✓			
TARS_hiseq3_pippin 2		<input type="checkbox"/>	✓			
Omon_16S_lib		<input type="checkbox"/>	✓			
Del Norte sonication		<input type="checkbox"/>	✓			
LR17-13 cDNA_pcr21		<input type="checkbox"/>	✓			
		<input type="checkbox"/>				
		<input type="checkbox"/>				
		<input type="checkbox"/>				
		<input type="checkbox"/>				
		<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\2018-04-09\2018-04-09_001.xad

Created: 4/9/2018 9:23:45 AM
 Modified: 4/9/2018 9:48:40 AM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.3

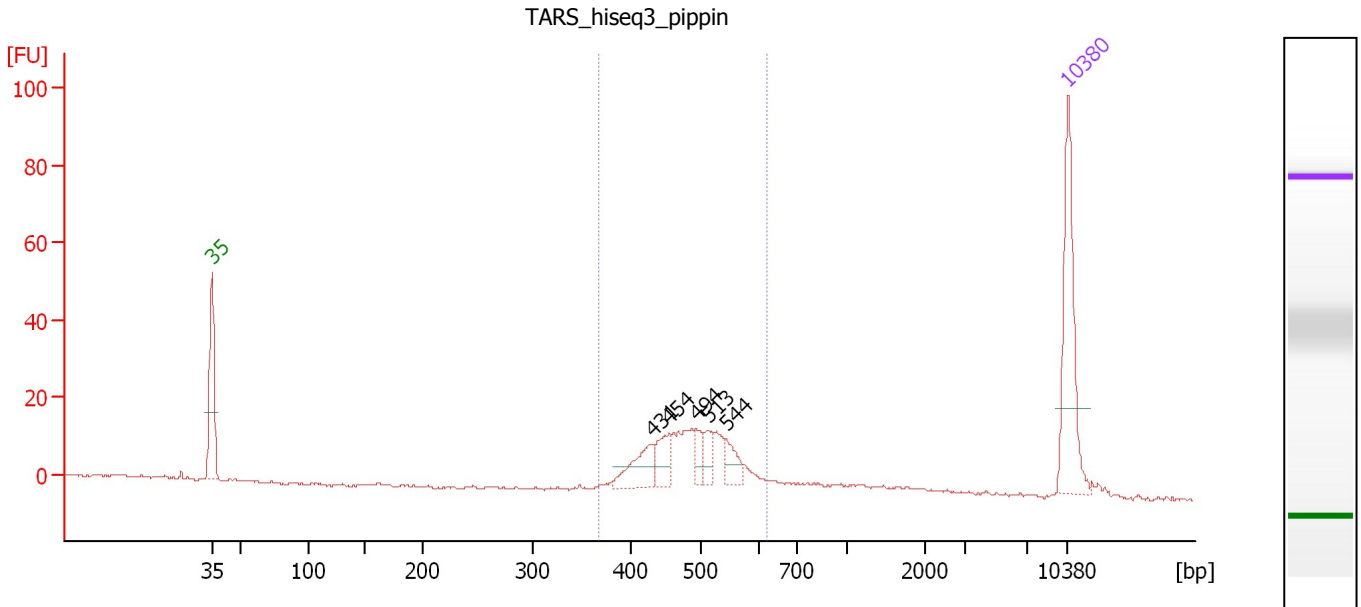
Peak table for Ladder

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	50.85
4	150	150.00	1,515.2	Ladder Peak	55.50
5	200	150.00	1,136.4	Ladder Peak	60.14
6	300	150.00	757.6	Ladder Peak	69.26
7	400	150.00	568.2	Ladder Peak	77.33
8	500	150.00	454.5	Ladder Peak	83.01
9	600	150.00	378.8	Ladder Peak	87.66
10	700	150.00	324.7	Ladder Peak	90.82
11	1,000	150.00	227.3	Ladder Peak	94.95
12	2,000	150.00	113.6	Ladder Peak	101.37
13	3,000	150.00	75.8	Ladder Peak	104.58
14	7,000	150.00	32.5	Ladder Peak	109.75
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-09\2018-04-09_001.xad

Created: 4/9/2018 9:23:45 AM
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Electropherogram Summary Continued ...



Overall Results for sample 1 : TARS_hiseq3_pippin

Number of peaks found: 5 Corr. Area 1: 163.1
 Noise: 0.3

Peak table for sample 1 : TARS_hiseq3_pippin

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	431	35.19	123.6		79.11
3	454	26.48	88.5		80.38
4	494	12.73	39.1		82.64
5	513	17.35	51.3		83.60
6	544	17.61	49.1		85.04
7	10,380	75.00	10.9	Upper Marker	113.00

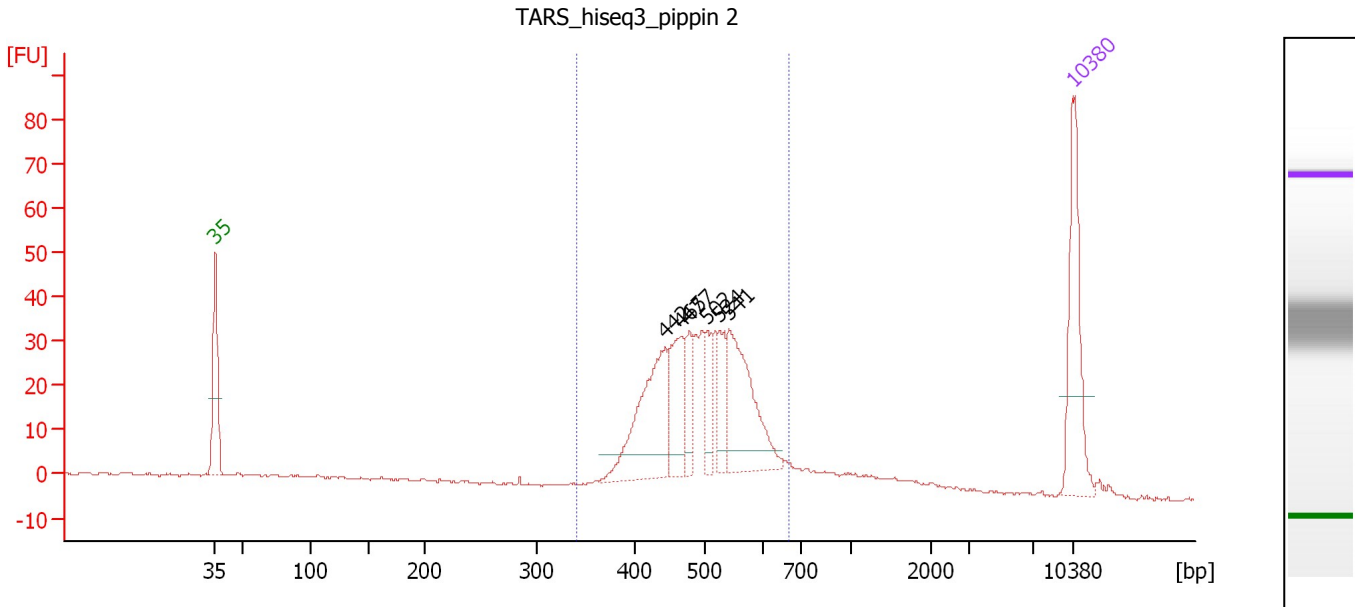
Region table for sample 1 : TARS_hiseq3_pippin

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
367	624	487	187.94	163.1	593.8	81	11.2

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-09\2018-04-09_001.xad

Created: 4/9/2018 9:23:45 AM
 Modified: 4/9/2018 9:48:40 AM

Electropherogram Summary Continued ...



Overall Results for sample 2 : TARS_hiseq3_pippin 2

Number of peaks found: 6 Corr. Area 1: 445.2
 Noise: 0.3

Peak table for sample 2 : TARS_hiseq3_pippin 2

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	442	129.48	443.4		79.74
3	465	67.68	220.3		81.05
4	477	36.02	114.4		81.70
5	502	28.87	87.2		83.09
6	524	34.03	98.3		84.14
7	541	117.17	328.1		84.92
8	10,380	75.00	10.9	Upper Marker	113.00

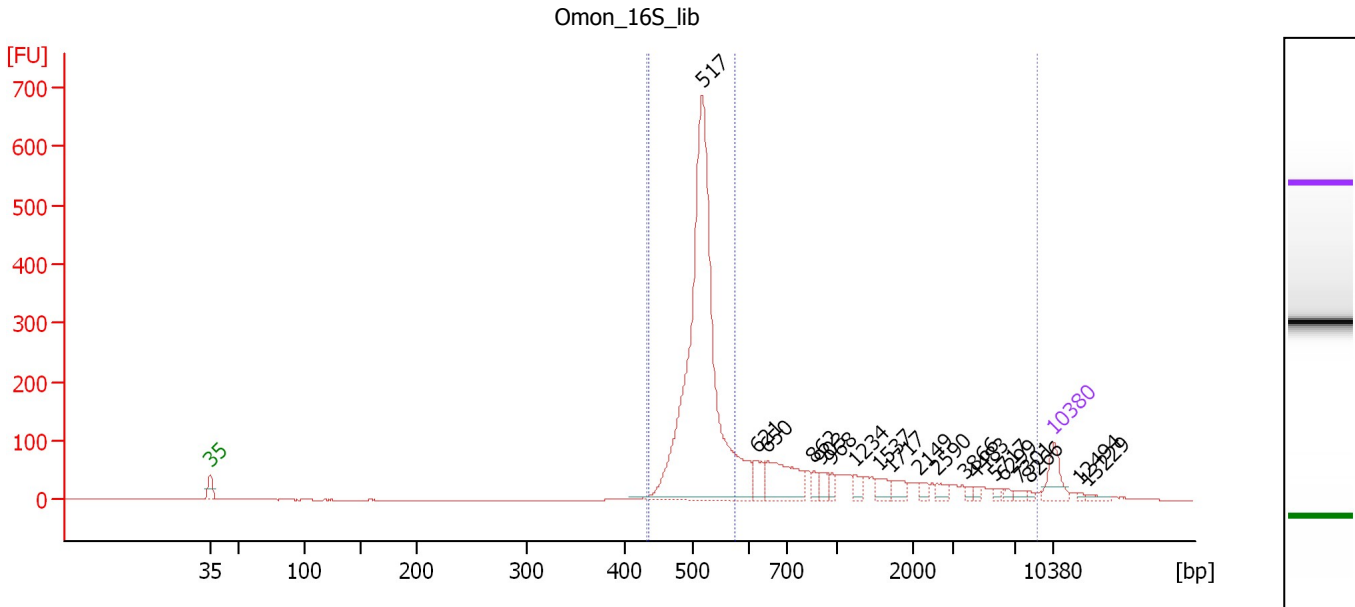
Region table for sample 2 : TARS_hiseq3_pippin 2

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
340	671	497	561.86	445.2	1,751.8	81	13.1

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-09\2018-04-09_001.xad

Created: 4/9/2018 9:23:45 AM
 Modified: 4/9/2018 9:48:40 AM

Electropherogram Summary Continued ...



Overall Results for sample 3 : Omon_16S_lib

Number of peaks found: 19 Corr. Area 1: 2,881.5
 Noise: 0.3 Corr. Area 2: 1,843.6

Peak table for sample 3 : Omon_16S_lib

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	517	2,003.00	5,871.4		83.80
3	621	70.69	172.6		88.31
4	650	217.83	507.8		89.24
5	862	29.86	52.5		93.04
6	903	38.13	63.9		93.62
7	968	24.48	38.3		94.50
8	1,234	34.16	41.9		96.45
9	1,537	37.51	37.0		98.40
10	1,717	35.40	31.2		99.55
11	2,149	19.00	13.4		101.85
12	2,590	22.27	13.0		103.27
13	3,866	11.70	4.6		105.70
14	4,483	10.42	3.5		106.50
15	5,717	10.32	2.7		108.09
16	6,299	10.17	2.4		108.84
17	7,301	14.83	3.1		110.04
18	8,266	7.48	1.4		110.96
19	10,380	75.00	10.9	Upper Marker	113.00
20	12,494	0.00	0.0		115.04
21	13,229	0.00	0.0		115.74

Region table for sample 3 : Omon_16S_lib

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
432	8,845	1,004	2,787.15	2,881.5	6,986.7	98	100.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-09\2018-04-09_001.xad

Created: 4/9/2018 9:23:45 AM
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Electropherogram Summary Continued ...

... Region table for sample 3 : Omon 16S lib

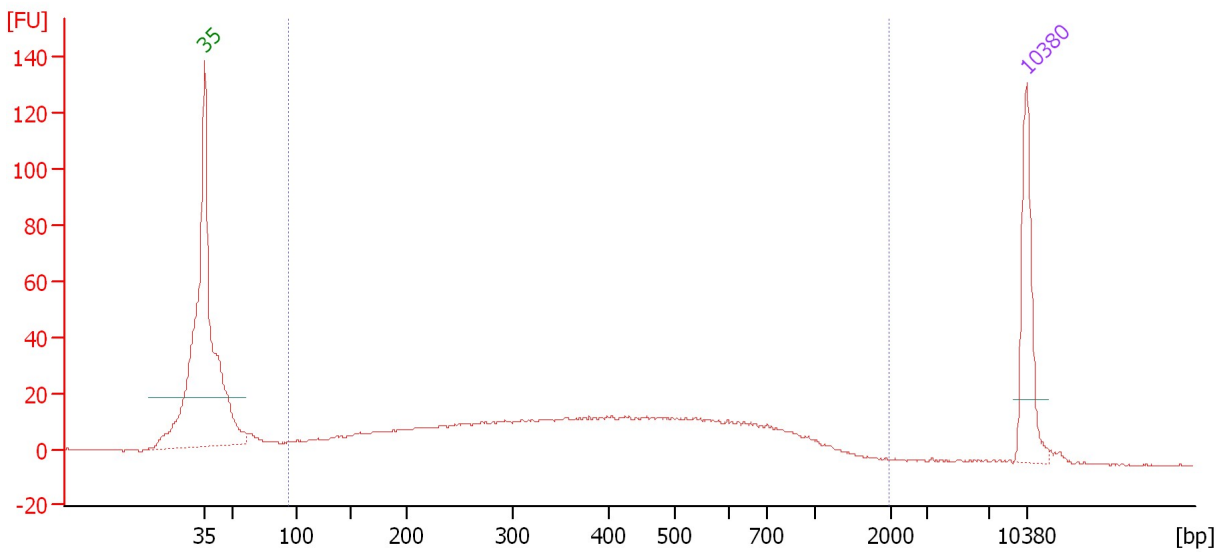
From [bp]	To [bp]	Average Size [bp]	Conc. [pg/ μ l]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
435	575	513	1,875.47	1,843.6	5,547.3	 63	4.8

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-09\2018-04-09_001.xad

Created: 4/9/2018 9:23:45 AM
Modified: 4/9/2018 9:48:40 AM

Electropherogram Summary Continued ...

Del Norte sonication



Overall Results for sample 4 : Del Norte sonication

Number of peaks found: 0 Corr. Area 1: 702.5
Noise: 0.3

Peak table for sample 4 : Del Norte sonication

Pea k	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	10,380	75.00	10.9	Upper Marker	113.00

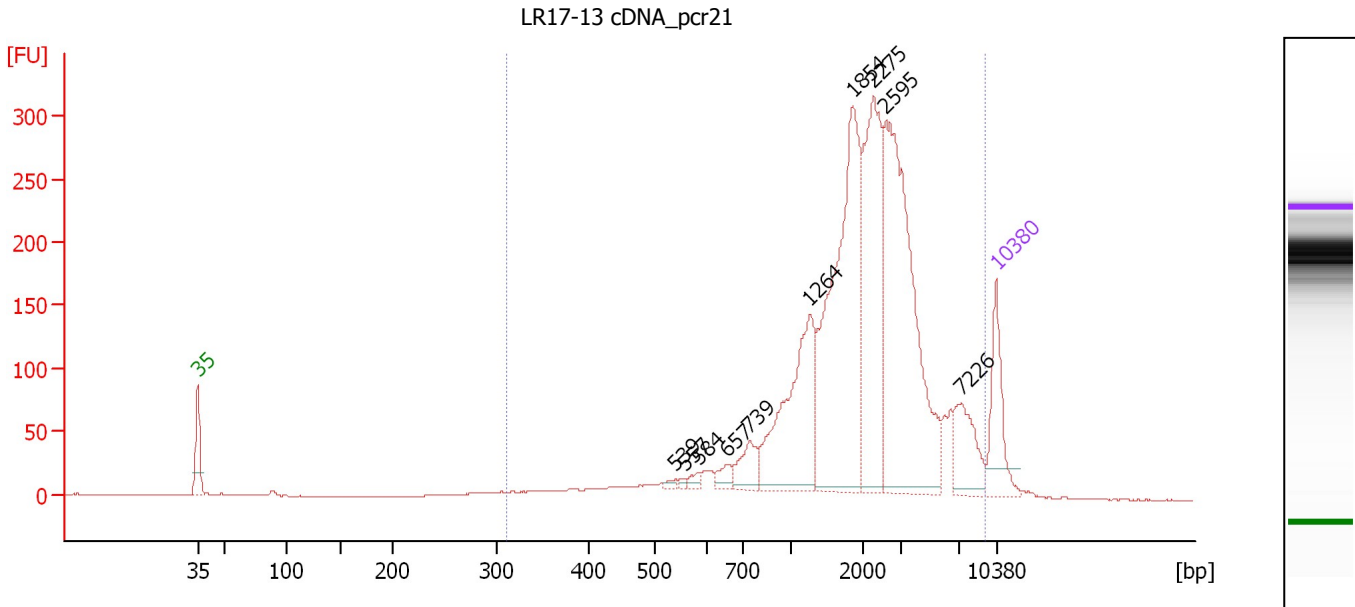
Region table for sample 4 : Del Norte sonication

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
94	1,974	443	669.61	702.5	3,603.9	94	57.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-09\2018-04-09_001.xad

Created: 4/9/2018 9:23:45 AM
 Modified: 4/9/2018 9:48:40 AM

Electropherogram Summary Continued ...



Overall Results for sample 5 : LR17-13 cDNA_pcr21

Number of peaks found: 10 Corr. Area 1: 3,320.8
 Noise: 0.3

Peak table for sample 5 : LR17-13 cDNA_pcr21

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	539	5.37	15.1		84.82
3	557	3.42	9.3		85.66
4	584	8.91	23.1		86.93
5	657	18.56	42.8		89.45
6	739	43.82	89.8		91.36
7	1,264	224.24	268.7		96.64
8	1,854	407.15	332.8		100.43
9	2,275	254.61	169.6		102.25
10	2,595	430.21	251.2		103.28
11	7,226	70.69	14.8		109.96
12	10,380	75.00	10.9	Upper Marker	113.00

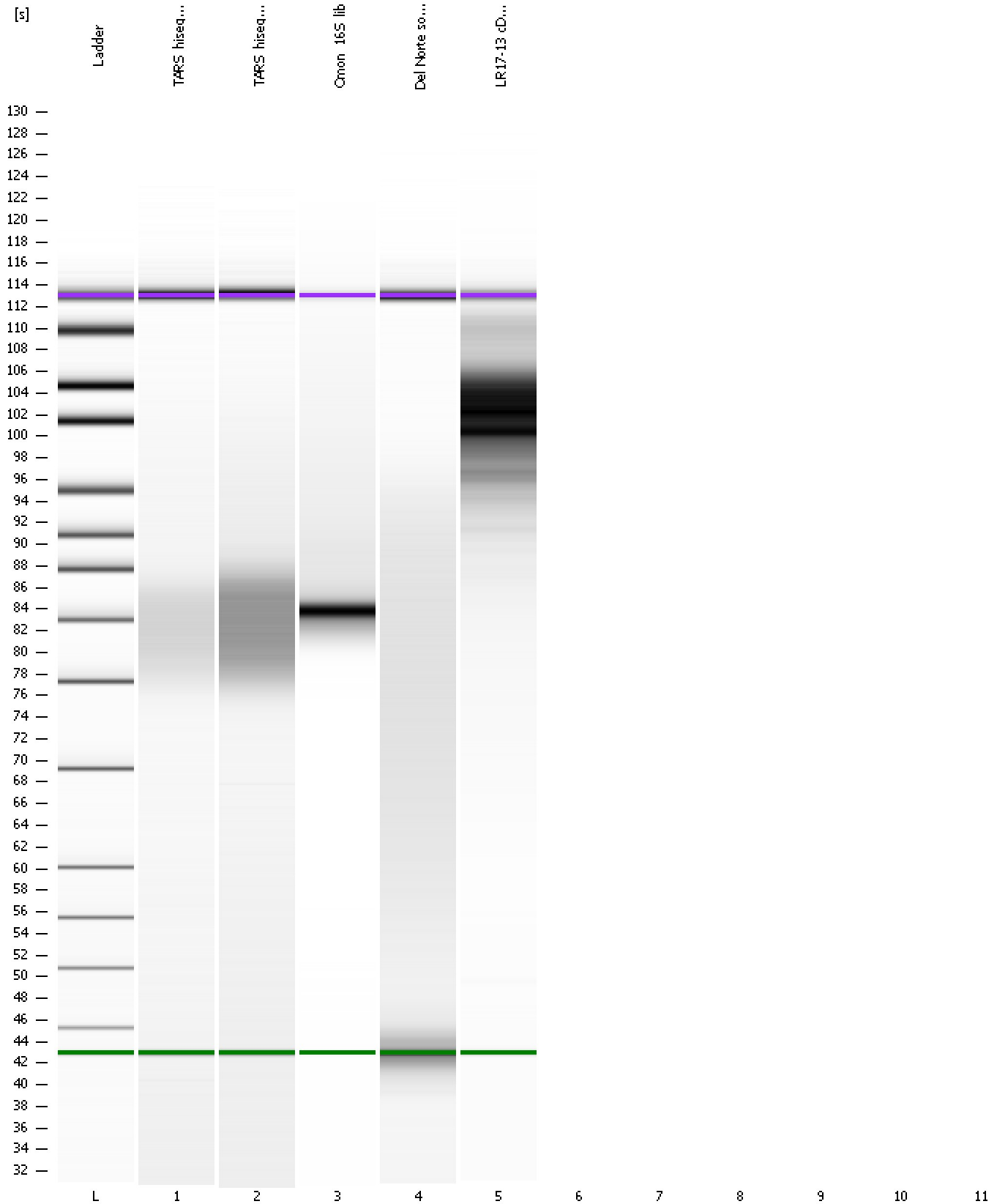
Region table for sample 5 : LR17-13 cDNA_pcr21

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
309	9,379	2,490	1,686.56	3,320.8	1,703.5	99	68.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-09\2018-04-09_001.xad

Created: 4/9/2018 9:23:45 AM
Modified: 4/9/2018 9:48:40 AM

Gel Image



Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-09\2018-04-09_001.xad

Created: 4/9/2018 9:23:45 AM
Modified: 4/9/2018 9:48:40 AM

Invalid Samples

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.