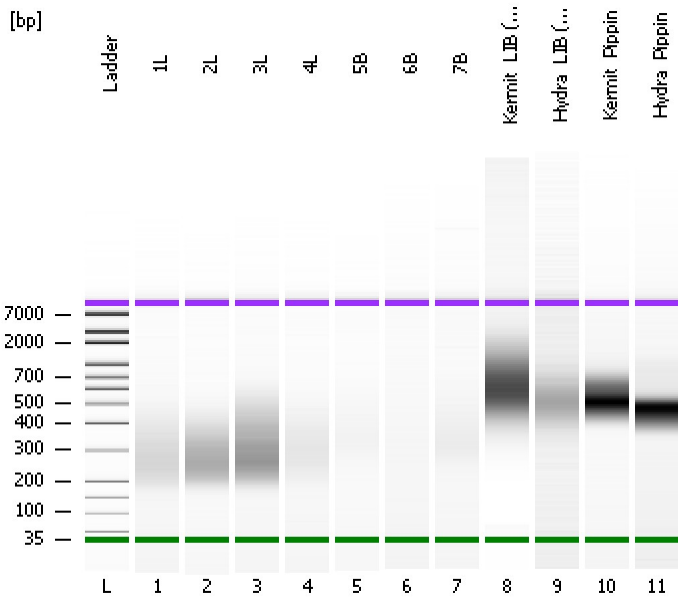


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-06\2018-02-06_003.xad

Created: 2/6/2018 4:05:50 PM
Modified: 2/6/2018 4:59:02 PM

Electrophoresis File Run Summary



Instrument Information:

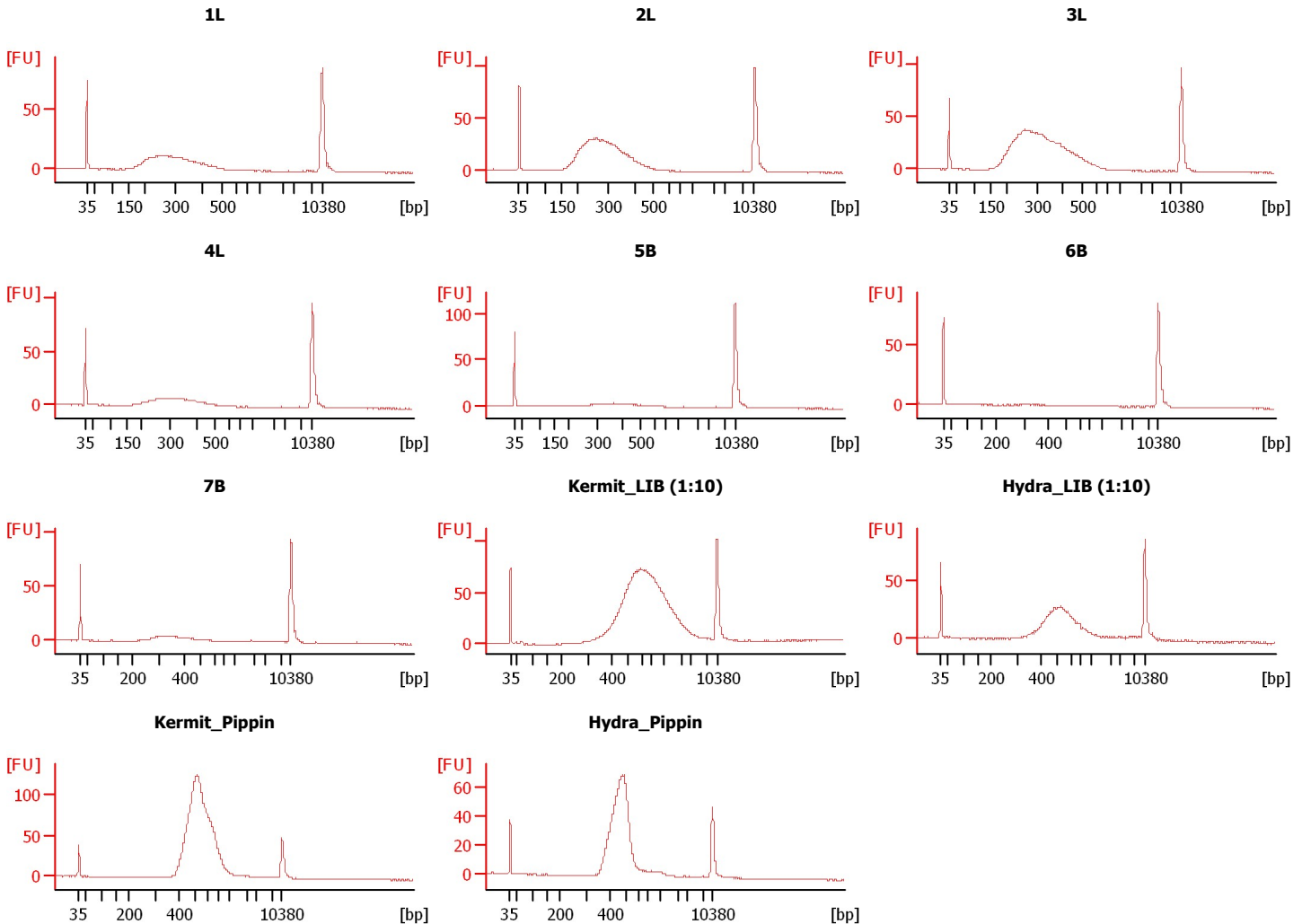
Instrument Name: DE34903152 Firmware: C.01.069
Serial#: DE34903152 Type: G2938C

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:



Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-06\2018-02-06_003.xad

Created: 2/6/2018 4:05:50 PM
 Modified: 2/6/2018 4:59:02 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
1L		<input type="checkbox"/>	✓			
2L		<input type="checkbox"/>	✓			
3L		<input type="checkbox"/>	✓			
4L		<input type="checkbox"/>	✓			
5B		<input type="checkbox"/>	✓			
6B		<input type="checkbox"/>	✓			
7B		<input type="checkbox"/>	✓			
Kermit_LIB (1:10)		<input type="checkbox"/>	✓			
Hydra_LIB (1:10)		<input type="checkbox"/>	✓			
Kermit_Pippin		<input type="checkbox"/>	✓			
Hydra_Pippin		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

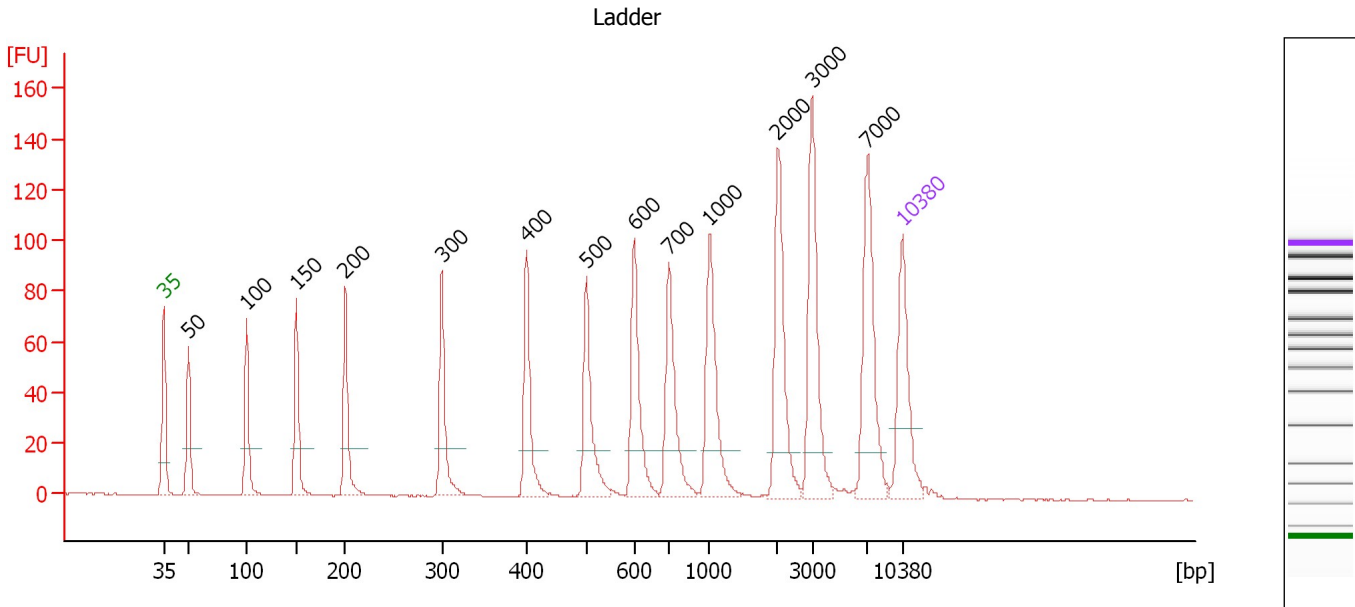
Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-06\2018-02-06_003.xad

Created: 2/6/2018 4:05:50 PM
 Modified: 2/6/2018 4:59:02 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.2

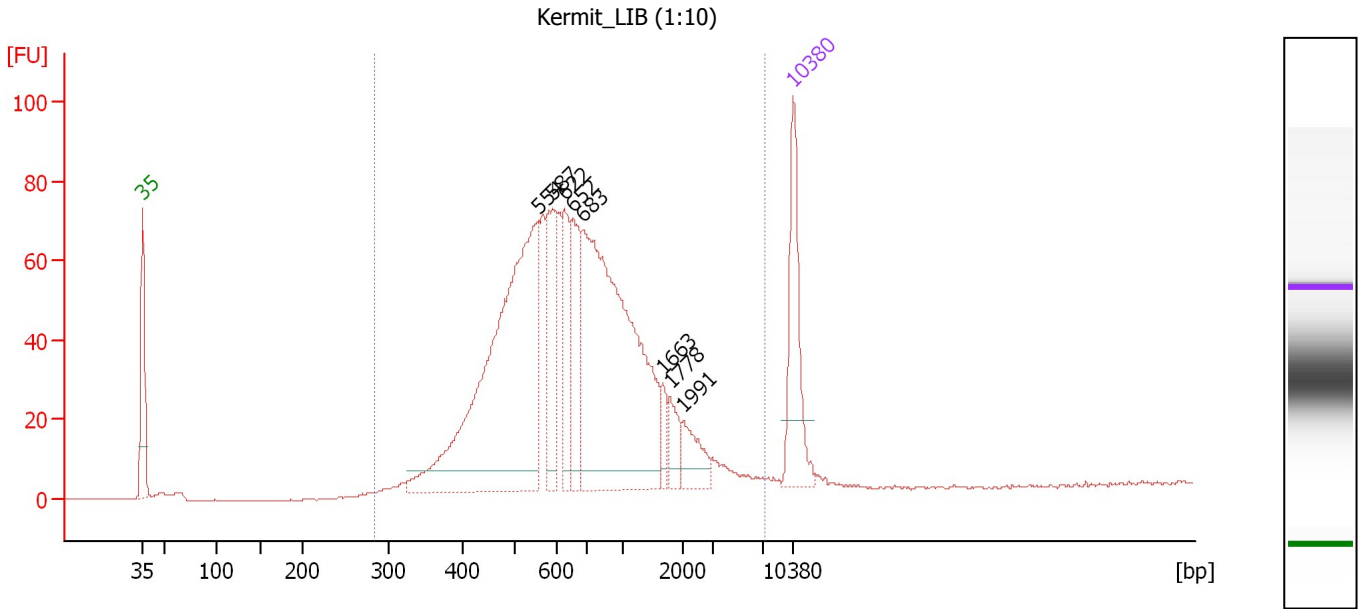
Peak table for Ladder

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	45.37
3	100	150.00	2,272.7	Ladder Peak	50.88
4	150	150.00	1,515.2	Ladder Peak	55.58
5	200	150.00	1,136.4	Ladder Peak	60.22
6	300	150.00	757.6	Ladder Peak	69.36
7	400	150.00	568.2	Ladder Peak	77.39
8	500	150.00	454.5	Ladder Peak	83.05
9	600	150.00	378.8	Ladder Peak	87.60
10	700	150.00	324.7	Ladder Peak	90.88
11	1,000	150.00	227.3	Ladder Peak	94.72
12	2,000	150.00	113.6	Ladder Peak	101.18
13	3,000	150.00	75.8	Ladder Peak	104.41
14	7,000	150.00	32.5	Ladder Peak	109.72
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-06\2018-02-06_003.xad

Created: 2/6/2018 4:05:50 PM
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Electropherogram Summary Continued ...



Overall Results for sample 8 : Kermit_LIB (1:10)

Number of peaks found: 8 Corr. Area 1: 1,386.5
 Noise: 0.2

Peak table for sample 8 : Kermit_LIB (1:10)

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	554	451.72	1,234.9		85.52
3	587	89.23	230.3		87.01
4	622	61.91	150.7		88.33
5	652	75.96	176.5		89.30
6	683	419.11	929.1		90.34
7	1,663	14.46	13.2		99.00
8	1,778	21.05	17.9		99.75
9	1,991	28.91	22.0		101.12
10	10,380	75.00	10.9	Upper Marker	113.00

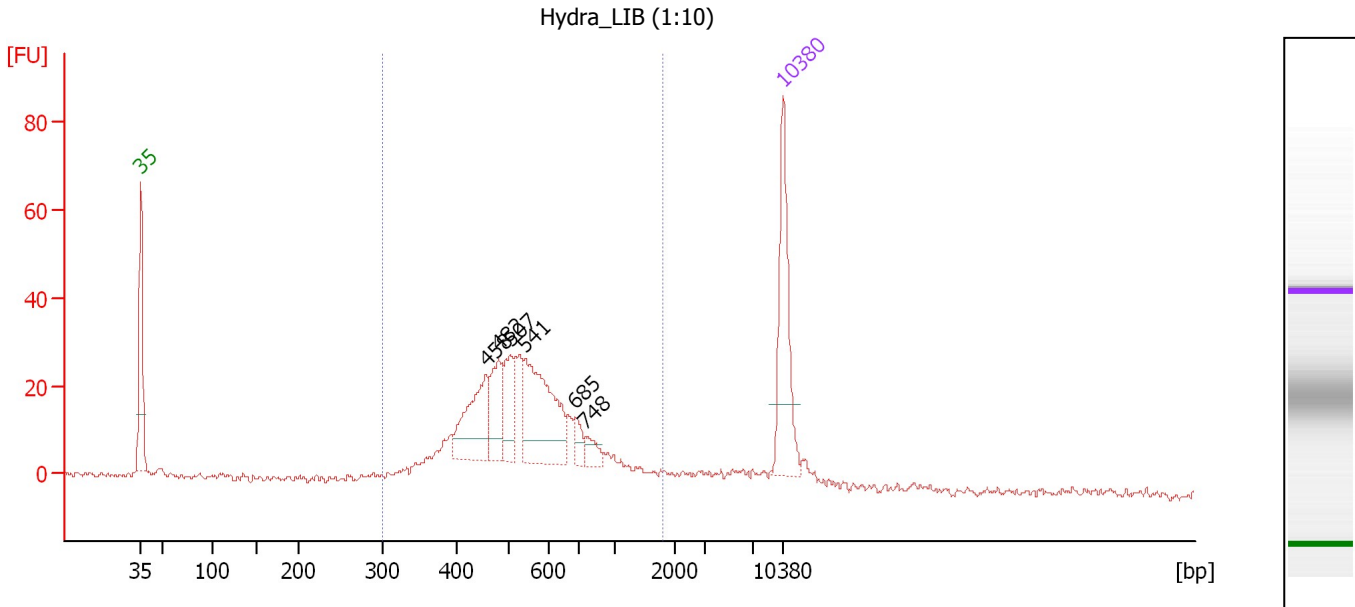
Region table for sample 8 : Kermit_LIB (1:10)

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
284	7,191	866	1,386.5	1,301.83	3,159.8	99	81.8

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-06\2018-02-06_003.xad

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Electropherogram Summary Continued ...



Overall Results for sample 9 : Hydra_LIB (1:10)

Number of peaks found: 6 Corr. Area 1: 454.2
 Noise: 0.8

Peak table for sample 9 : Hydra_LIB (1:10)

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	458	73.09	241.8		80.67
3	482	44.71	140.6		82.01
4	507	44.02	131.7		83.35
5	541	113.63	318.2		84.92
6	685	12.45	27.6		90.38
7	748	12.77	25.9		91.49
8	10,380	75.00	10.9	Upper Marker	113.00

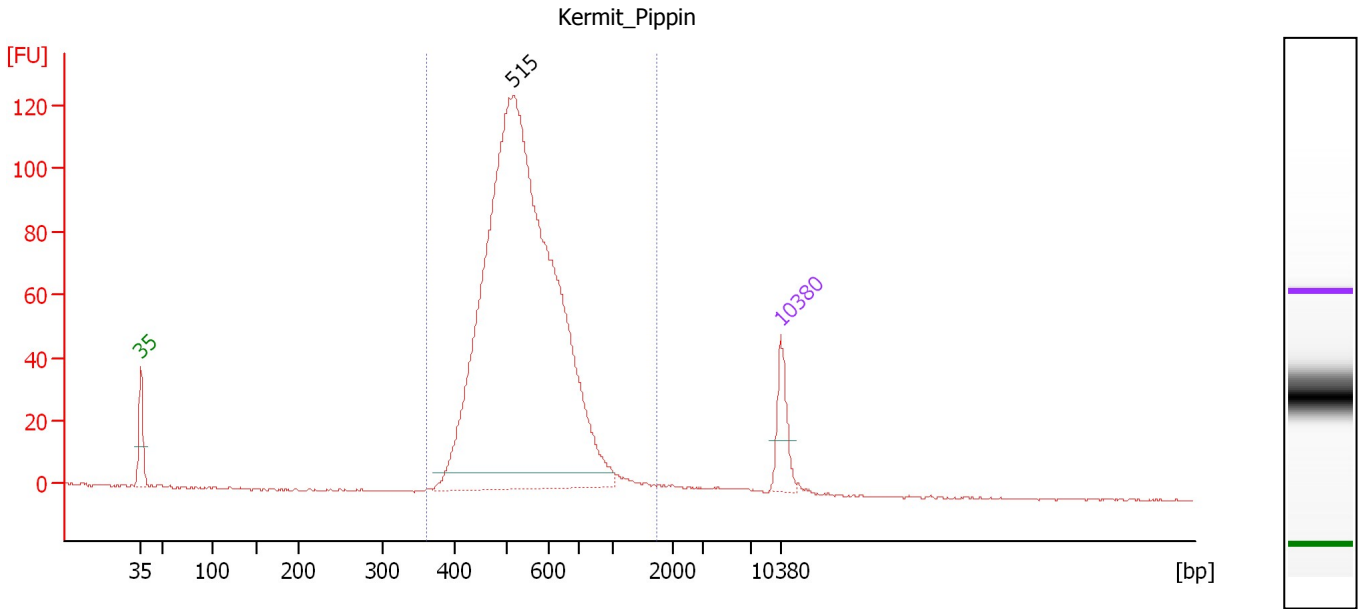
Region table for sample 9 : Hydra_LIB (1:10)

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
300	1,823	584	454.2	533.22	1,562.3	84	39.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-06\2018-02-06_003.xad

Created: 2/6/2018 4:05:50 PM
 Modified: 2/6/2018 4:59:02 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : Kermit_Pippin

Number of peaks found: 1 Corr. Area 1: 1,291.6
 Noise: 0.3

Peak table for sample 10 : Kermit_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	515	2,574.73	7,580.0		83.72
3	10,380	75.00	10.9	Upper Marker	113.00

Region table for sample 10 : Kermit_Pippin

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
360	1,752	561	1,291.6	2,566.70	7,279.2	98	24.7

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-06\2018-02-06_003.xad

Created: 2/6/2018 4:05:50 PM
Modified: 2/6/2018 4:59:02 PM

Gel Image

