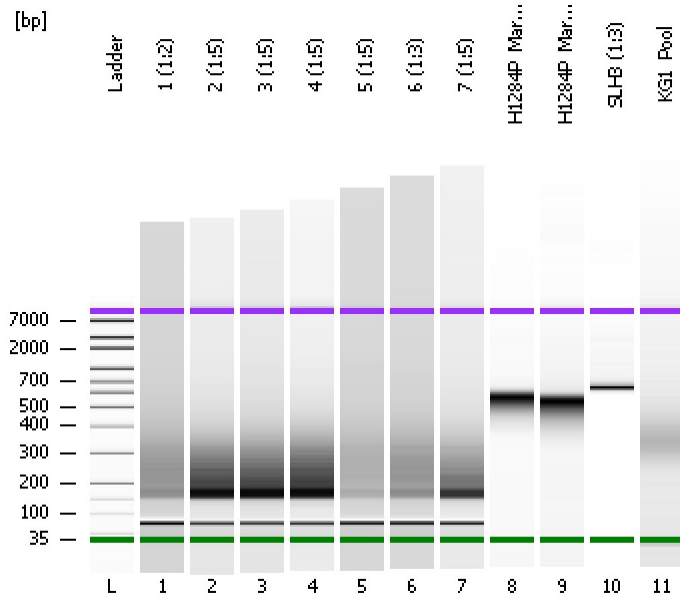


Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-08\2018-03-08_001.xad

Created: 3/8/2018 12:42:55 PM
Modified: 3/8/2018 1:26:43 PM

Electrophoresis File Run Summary



Instrument Information:

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

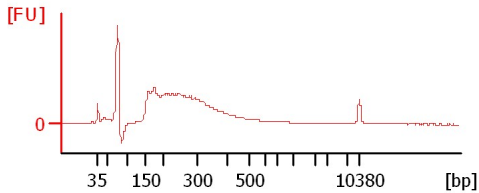
Assay Information:

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

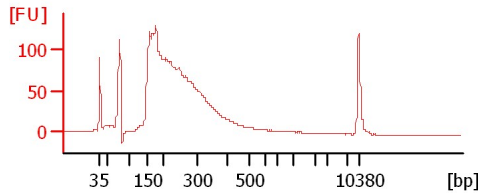
Chip Information:

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

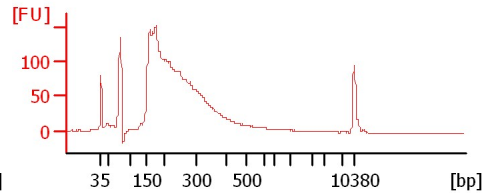
1 (1:2)



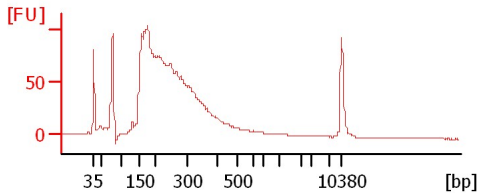
2 (1:5)



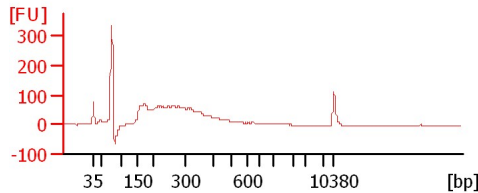
3 (1:5)



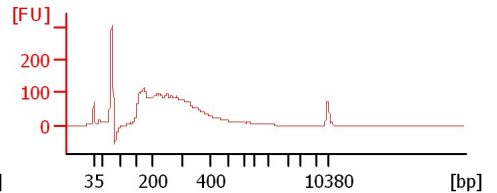
4 (1:5)



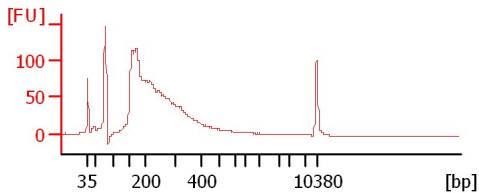
5 (1:5)



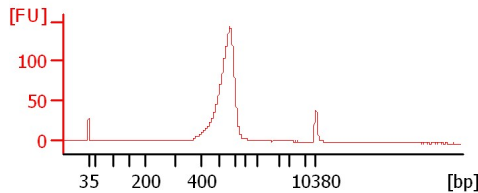
6 (1:3)



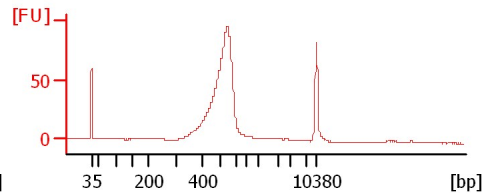
7 (1:5)



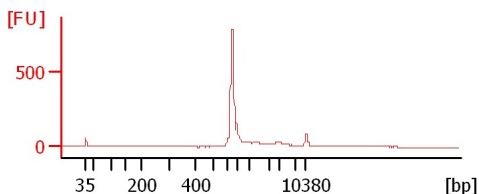
H1284P_MarksA



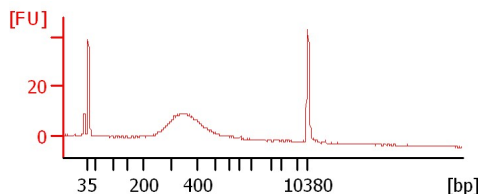
H1284P_MarksB



SLH3 (1:3)



KG1_Pool



Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-08\2018-03-08_001.xad

Created: 3/8/2018 12:42:55 PM
Modified: 3/8/2018 1:26:43 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
1 (1:2)		<input type="checkbox"/>	✓			
2 (1:5)		<input type="checkbox"/>	✓			
3 (1:5)		<input type="checkbox"/>	✓			
4 (1:5)		<input type="checkbox"/>	✓			
5 (1:5)		<input type="checkbox"/>	✓			
6 (1:3)		<input type="checkbox"/>	✓			
7 (1:5)		<input type="checkbox"/>	✓			
H1284P_MarksA		<input type="checkbox"/>	✓			
H1284P_MarksB		<input type="checkbox"/>	✓			
SLH3 (1:3)		<input type="checkbox"/>	✓			
KG1_Pool		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

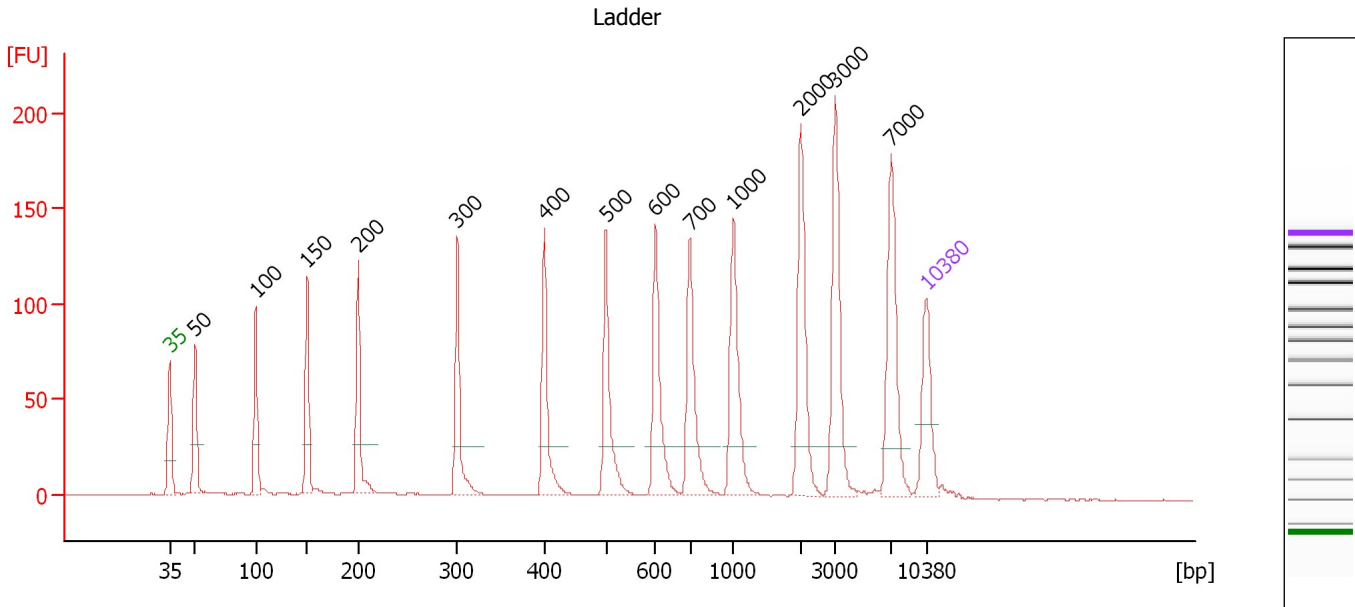
Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-08\2018-03-08_001.xad

Created: 3/8/2018 12:42:55 PM
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Electropherogram Summary



Overall Results for Ladder

Noise: 0.3

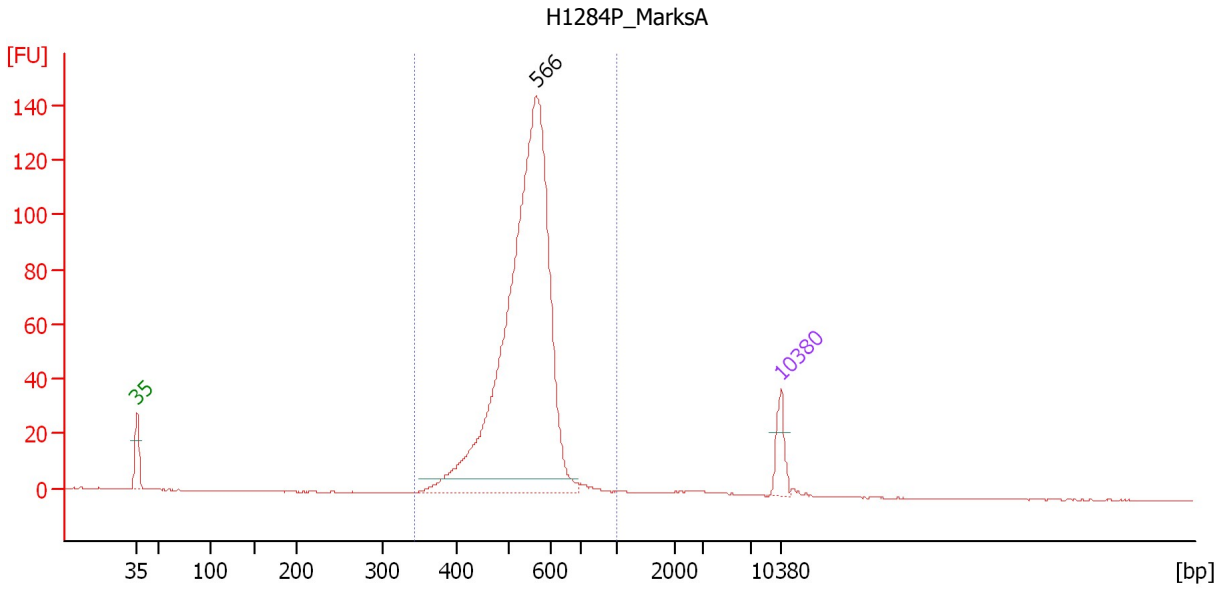
Peak table for Ladder

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	45.32
3	100	150.00	2,272.7	Ladder Peak	50.95
4	150	150.00	1,515.2	Ladder Peak	55.69
5	200	150.00	1,136.4	Ladder Peak	60.43
6	300	150.00	757.6	Ladder Peak	69.61
7	400	150.00	568.2	Ladder Peak	77.65
8	500	150.00	454.5	Ladder Peak	83.38
9	600	150.00	378.8	Ladder Peak	87.97
10	700	150.00	324.7	Ladder Peak	91.13
11	1,000	150.00	227.3	Ladder Peak	95.18
12	2,000	150.00	113.6	Ladder Peak	101.40
13	3,000	150.00	75.8	Ladder Peak	104.61
14	7,000	150.00	32.5	Ladder Peak	109.79
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-08\2018-03-08_001.xad

Created: 3/8/2018 12:42:55 PM
 Modified: 3/8/2018 1:26:43 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : H1284P_MarksA

Number of peaks found: 1 Corr. Area 1: 876.2
 Noise: 0.2

Peak table for sample 8 : H1284P_MarksA

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	566	2,466.41	6,604.6		86.40
3	10,380	75.00	10.9	Upper Marker	113.00

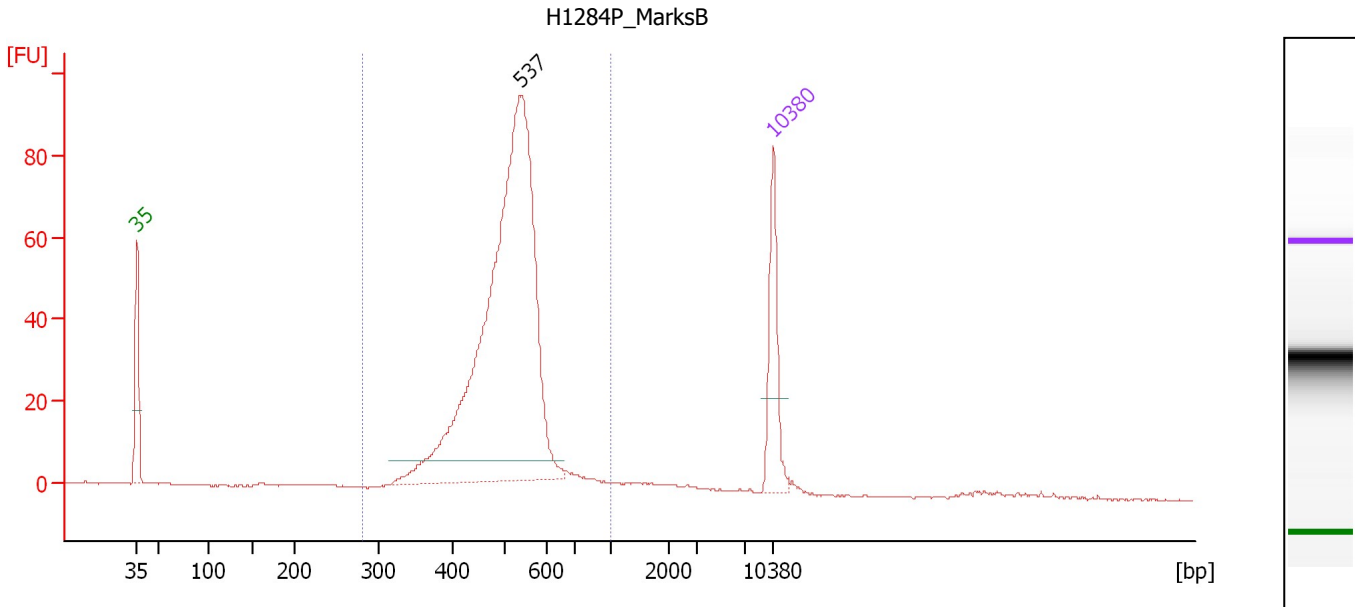
Region table for sample 8 : H1284P_MarksA

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
346	1,000	539	876.2	2,610.40	7,457.1	98	11.4

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-08\2018-03-08_001.xad

Created: 3/8/2018 12:42:55 PM
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Electropherogram Summary Continued ...



Overall Results for sample 9 : H1284P_MarksB

Number of peaks found: 1 Corr. Area 1: 723.5
 Noise: 0.2

Peak table for sample 9 : H1284P_MarksB

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	537	857.24	2,417.3		85.09
3	10,380	75.00	10.9	Upper Marker	113.00

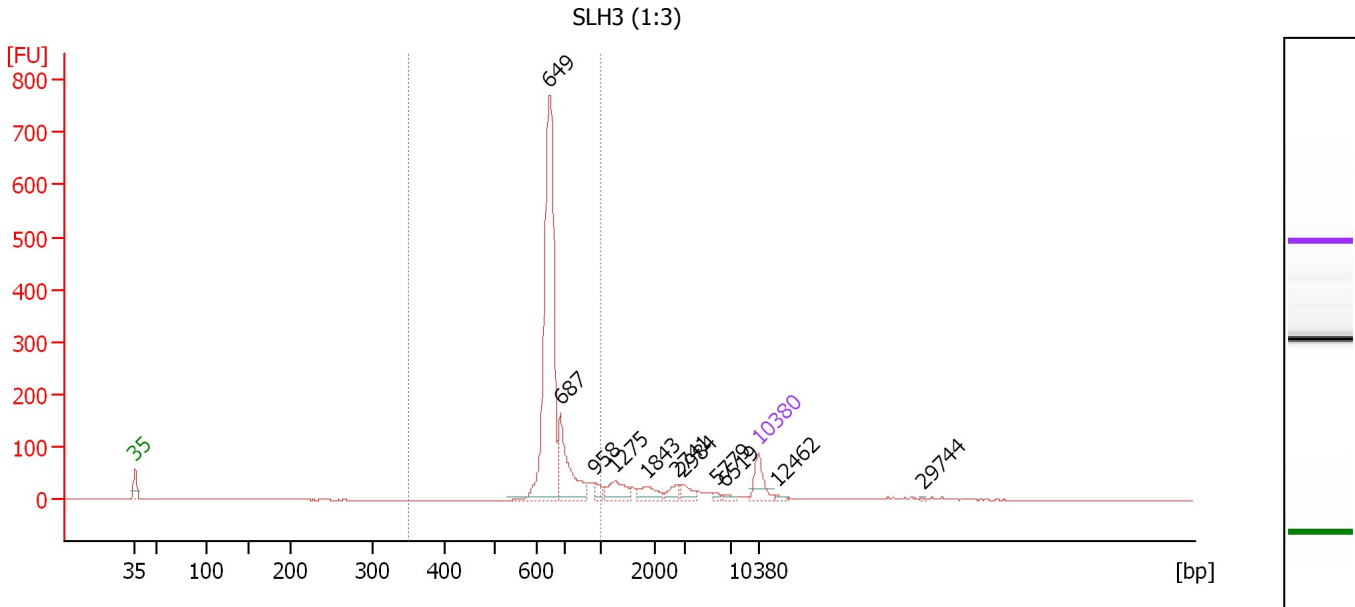
Region table for sample 9 : H1284P_MarksB

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
281	1,000	511	723.5	971.15	2,968.1	94	15.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-08\2018-03-08_001.xad

Created: 3/8/2018 12:42:55 PM
 Modified: 3/8/2018 1:26:43 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : SLH3 (1:3)

Number of peaks found: 11 Corr. Area 1: 1,340.5
 Noise: 0.2

Peak table for sample 10 : SLH3 (1:3)

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	649	1,127.17	2,630.6		89.53
3	687	251.37	554.3		90.72
4	958	31.17	49.3		94.62
5	1,275	79.28	94.2		96.89
6	1,843	50.37	41.4		100.43
7	2,741	32.18	17.8		103.78
8	2,984	34.43	17.5		104.56
9	5,779	10.84	2.8		108.21
10	6,519	12.38	2.9		109.17
11	10,380	75.00	10.9	Upper Marker	113.00
12	12,462	0.00	0.0		114.98
13	29,744	0.00	0.0		131.38

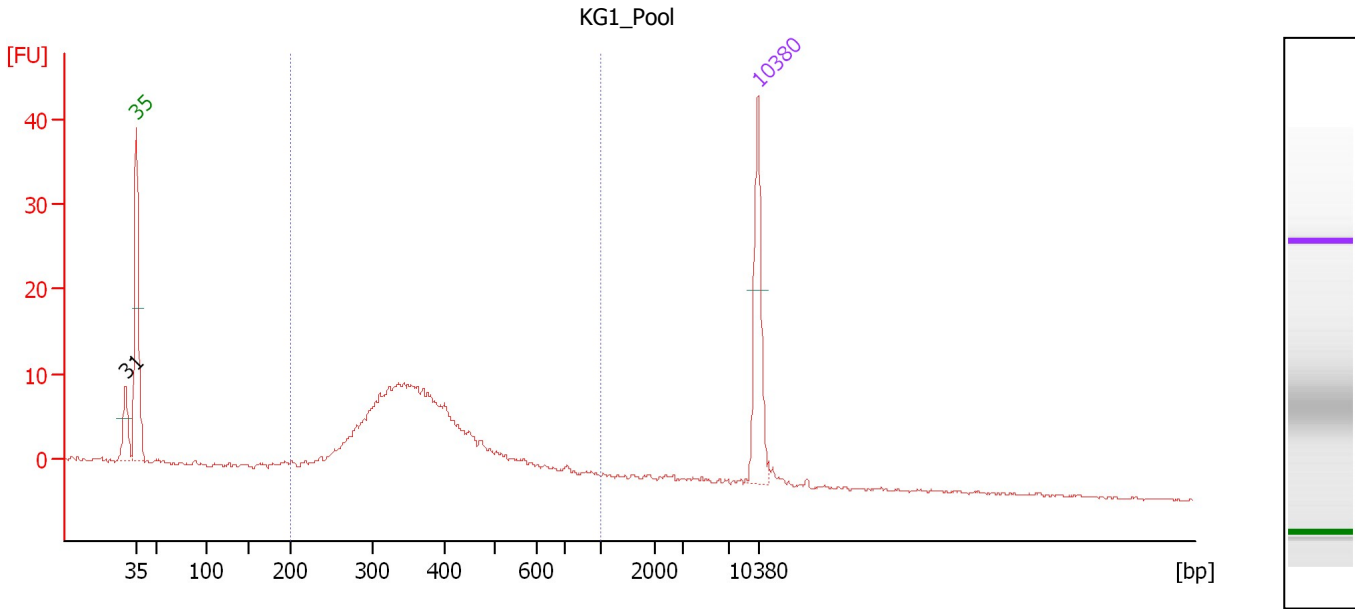
Region table for sample 10 : SLH3 (1:3)

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
352	1,000	673	1,340.5	1,420.19	3,224.2	77	10.5

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-08\2018-03-08_001.xad

Created: 3/8/2018 12:42:55 PM
 Modified: 3/8/2018 1:26:43 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : KG1_Pool

Number of peaks found: 1 Corr. Area 1: 178.3
 Noise: 0.1

Peak table for sample 11 : KG1_Pool

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	31	0.00	0.0		41.80
2	35	125.00	5,411.3	Lower Marker	43.00
3	10,380	75.00	10.9	Upper Marker	113.00

Region table for sample 11 : KG1_Pool

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	383	178.3	537.39	2,302.1	88	28.0

Assay Class: High Sensitivity DNA Assay
Data Path: C:\... bioanalyzer\2100 expert\data\2018-03-08\2018-03-08_001.xad

Created: 3/8/2018 12:42:55 PM
Modified: 3/8/2018 1:26:43 PM

Gel Image

