

Assay Class: High Sensitivity DNA Assay
Data Path: Y:\...- BS1511196_R2-12042015\LibraryQC-BS1511196_R2-12042015.xad

Created: 12/4/2015 3:11:40 PM
Modified: 12/4/2015 5:53:20 PM

Electrophoresis File Run Summary

Instrument Information:

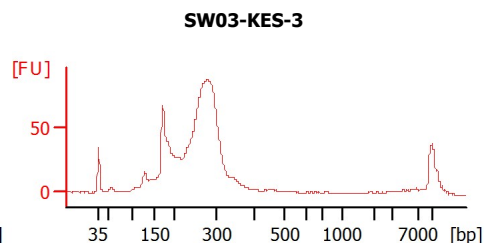
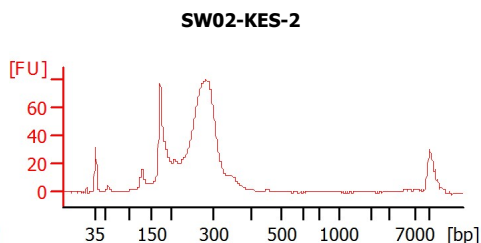
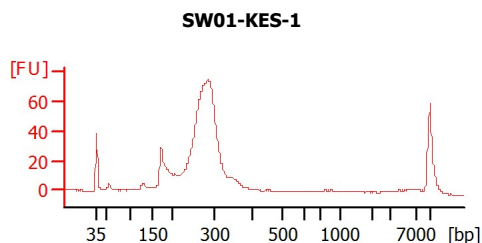
Instrument Name: DE13804761 Firmware: C.01.069
Serial#: DE13804761 Type: G2939A

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: Y:\...- BS1511196_R2-12042015\LibraryQC-BS1511196_R2-12042015.xad

Created: 12/4/2015 3:11:40 PM
Modified: 12/4/2015 5:53:20 PM

Electrophoresis File Run Summary (Chip Summary)

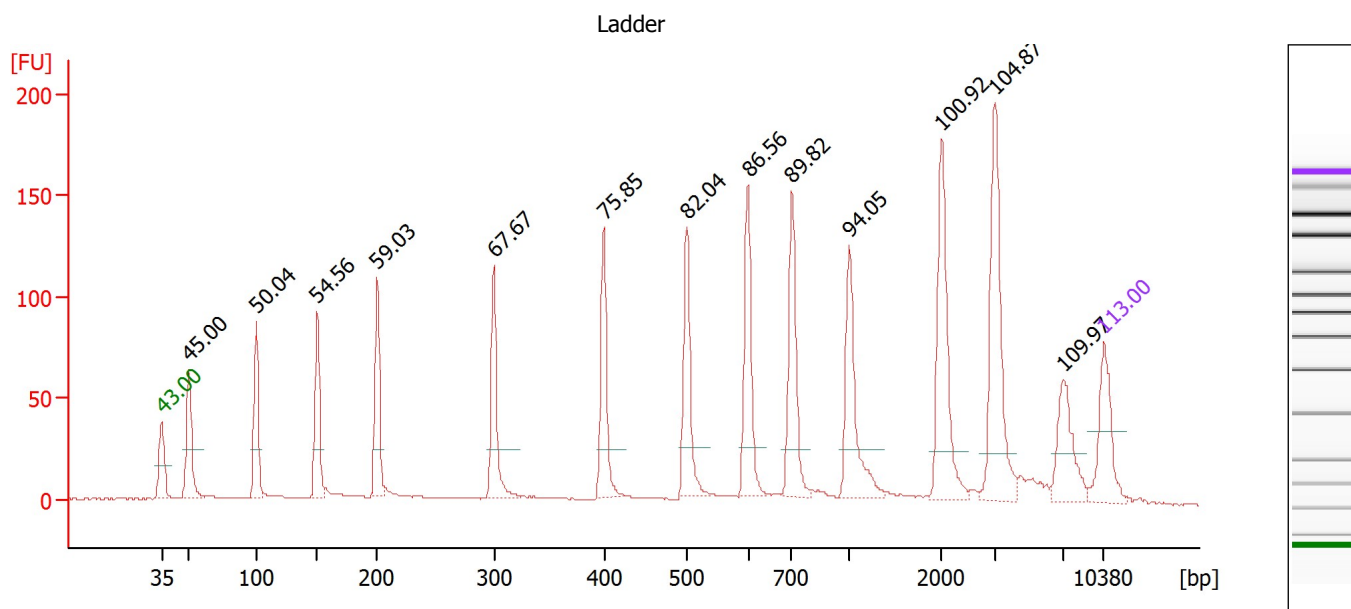
Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
SW01-KES-1		<input type="checkbox"/>	✓			
SW02-KES-2		<input type="checkbox"/>	✓			
SW03-KES-3		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

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

Assay Class: High Sensitivity DNA Assay
 Data Path: Y:\...- BS1511196_R2-12042015\LibraryQC-BS1511196_R2-12042015.xad

Created: 12/4/2015 3:11:40 PM
 Modified: 12/4/2015 5:53:20 PM

Electropherogram Summary



Overall Results for Ladder

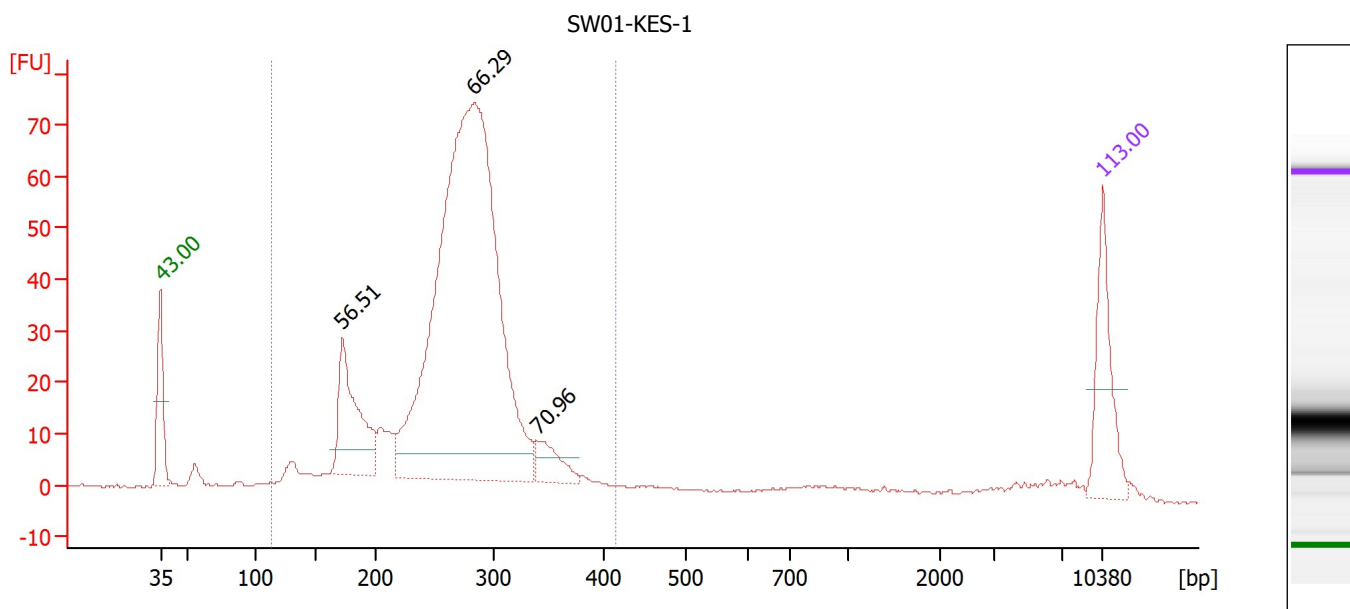
Noise: 0.3

Peak table for Ladder

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	50	150.00	4,545.5	Ladder Peak
3	100	150.00	2,272.7	Ladder Peak
4	150	150.00	1,515.2	Ladder Peak
5	200	150.00	1,136.4	Ladder Peak
6	300	150.00	757.6	Ladder Peak
7	400	150.00	568.2	Ladder Peak
8	500	150.00	454.5	Ladder Peak
9	600	150.00	378.8	Ladder Peak
10	700	150.00	324.7	Ladder Peak
11	1,000	150.00	227.3	Ladder Peak
12	2,000	150.00	113.6	Ladder Peak
13	3,000	150.00	75.8	Ladder Peak
14	7,000	150.00	32.5	Ladder Peak
15	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
Data Path: Y:\...- BS1511196_R2-12042015\LibraryQC-BS1511196_R2-12042015.xad

Created: 12/4/2015 3:11:40 PM
Modified: 12/4/2015 5:53:20 PM

Electropherogram Summary Continued ...**Overall Results for sample 5 : SW01-KES-1**

Number of peaks found: 3 Corr. Area 1: 743.0
Noise: 0.2

Peak table for sample 5 : SW01-KES-1

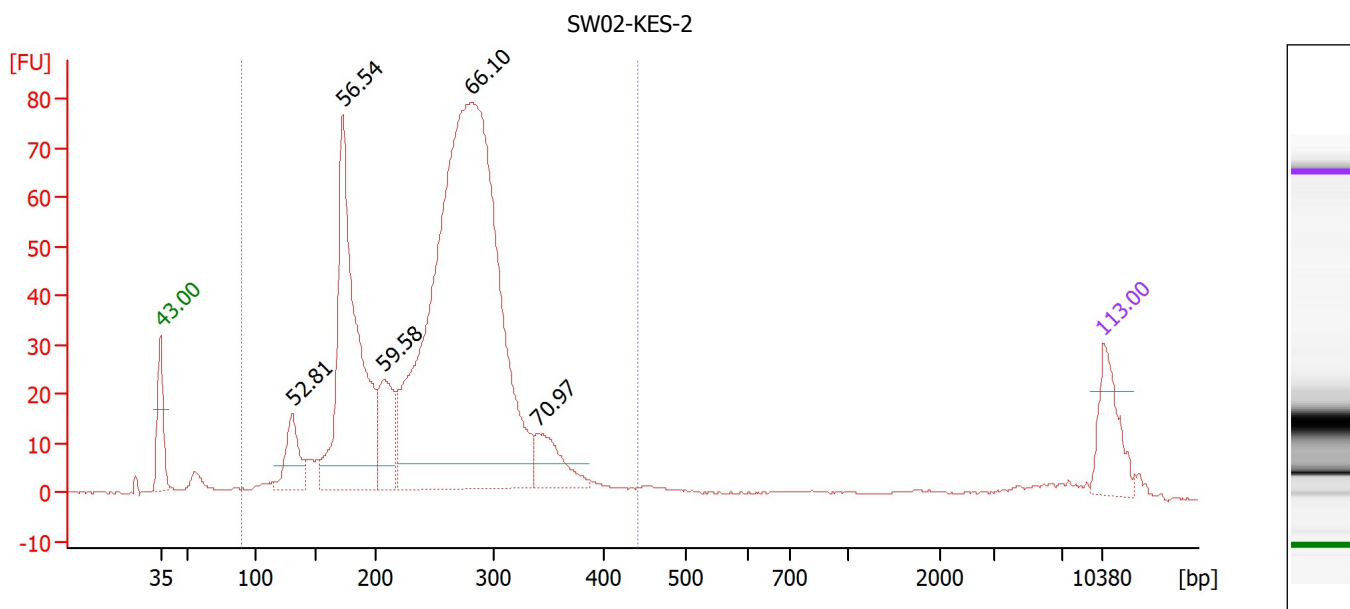
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	172	163.95	1,445.4	
3	284	1,087.88	5,802.5	
4	340	42.37	188.7	
5	10,380	75.00	10.9	Upper Marker

Region table for sample 5 : SW01-KES-1

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	% of Total
113	415	267	1,542.57	9,302.8	92

Assay Class: High Sensitivity DNA Assay
Data Path: Y:\...- BS1511196_R2-12042015\LibraryQC-BS1511196_R2-12042015.xad

Created: 12/4/2015 3:11:40 PM
Modified: 12/4/2015 5:53:20 PM

Electropherogram Summary Continued ...**Overall Results for sample 6 : SW02-KES-2**

Number of peaks found: 5 Corr. Area 1: 1,016.6
Noise: 0.2

Peak table for sample 6 : SW02-KES-2

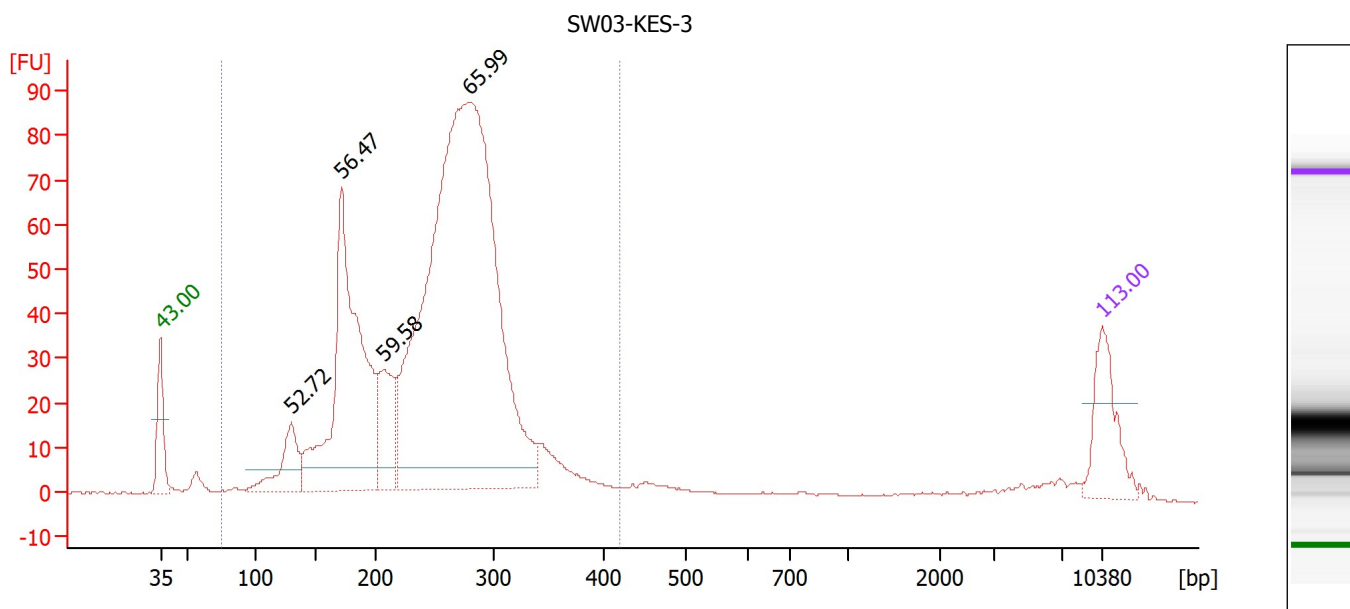
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	131	101.89	1,181.8	
3	172	650.05	5,719.5	
4	206	124.84	916.3	
5	282	1,748.36	9,398.3	
6	340	89.78	399.6	
7	10,380	75.00	10.9	Upper Marker

Region table for sample 6 : SW02-KES-2

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	% of Total
90	441	253	2,948.53	19,329.3	93

Assay Class: High Sensitivity DNA Assay
Data Path: Y:\...- BS1511196_R2-12042015\LibraryQC-BS1511196_R2-12042015.xad

Created: 12/4/2015 3:11:40 PM
Modified: 12/4/2015 5:53:20 PM

Electropherogram Summary Continued ...**Overall Results for sample 7 : SW03-KES-3**

Number of peaks found: 4 Corr. Area 1: 1,153.5
Noise: 0.1

Peak table for sample 7 : SW03-KES-3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	130	95.14	1,112.1	
3	171	551.16	4,874.1	
4	206	109.93	807.0	
5	281	1,449.17	7,824.3	
6	10,380	75.00	10.9	Upper Marker

Region table for sample 7 : SW03-KES-3

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	% of Total
75	420	250	2,399.35	15,955.6	94