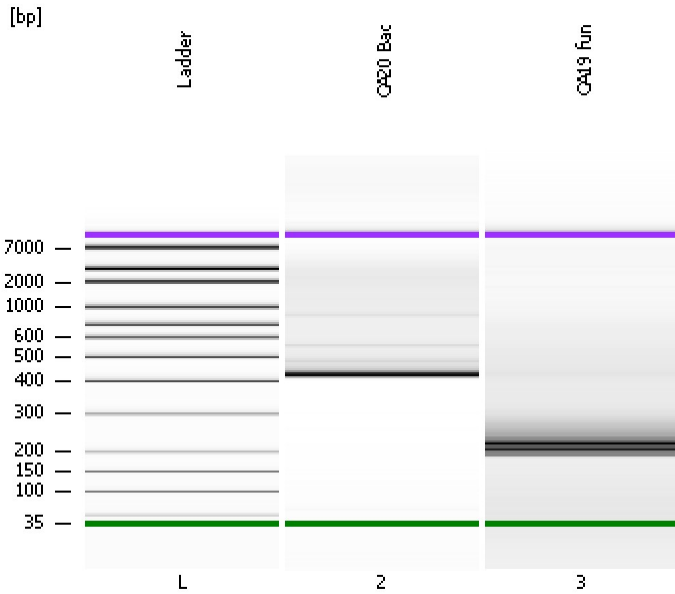


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...2018-02-27\2018-02-27_002_MuiSeq641-MiSeq643_AmpliconQC.xad

Created: 2/27/2018 2:07:18 PM
Modified: 2/27/2018 5:03:23 PM

Electrophoresis File Run Summary



Instrument Information:

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

Assay Information:

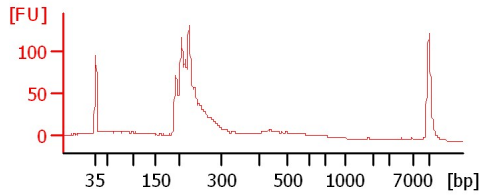
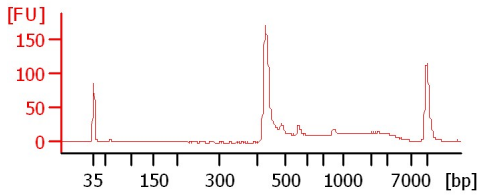
Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\High Sensitivity DNA.xsy
Assay Class: High Sensitivity DNA Assay
Version: 1.03
Assay Comments: Copyright © 2003-2010 Agilent Technologies

Chip Information:

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

CA20 Bac

CA19 fun



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...2018-02-27\2018-02-27_002_MuiSeq641-MiSeq643_AmpliconQC.xad

Created: 2/27/2018 2:07:18 PM
Modified: 2/27/2018 5:03:23 PM

Electrophoresis File Run Summary (Chip Summary)

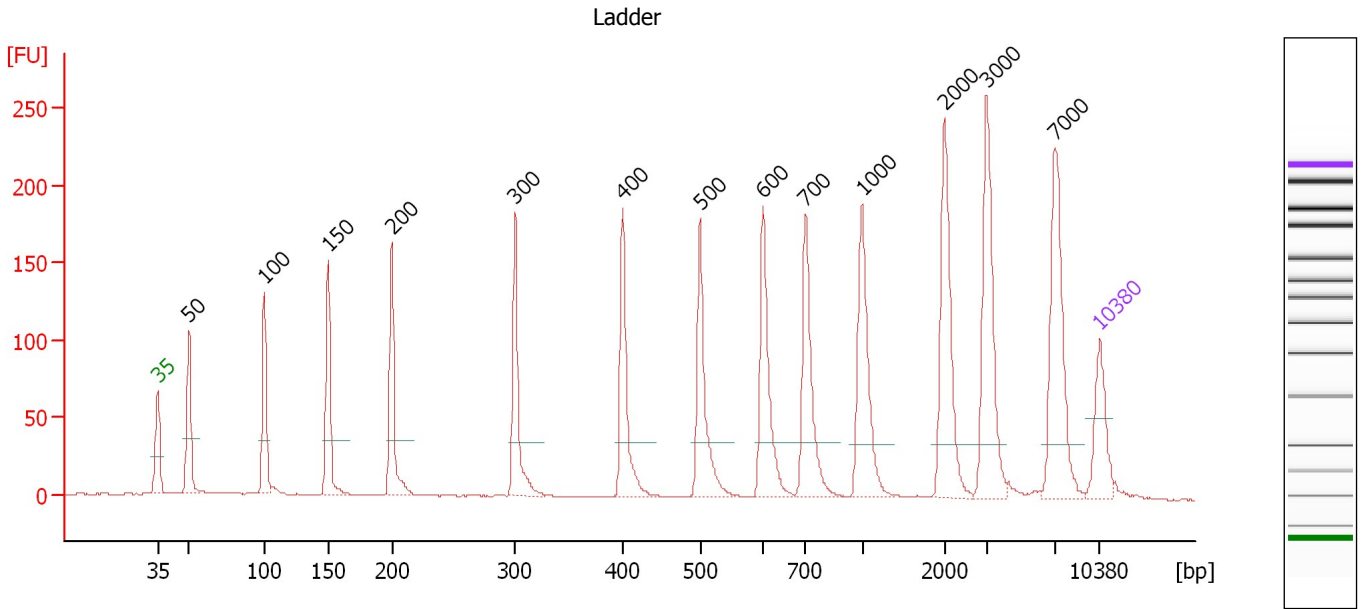
Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
CA20 Bac		<input type="checkbox"/>	✓			
CA19 fun		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			
Chip Lot #				Reagent Kit Lot #		

Chip Comments :

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...2018-02-27\2018-02-27_002_MuiSeq641-MiSeq643_AmpliconQC.xad

Created: 2/27/2018 2:07:18 PM
 Modified: 2/27/2018 5:03:23 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.4

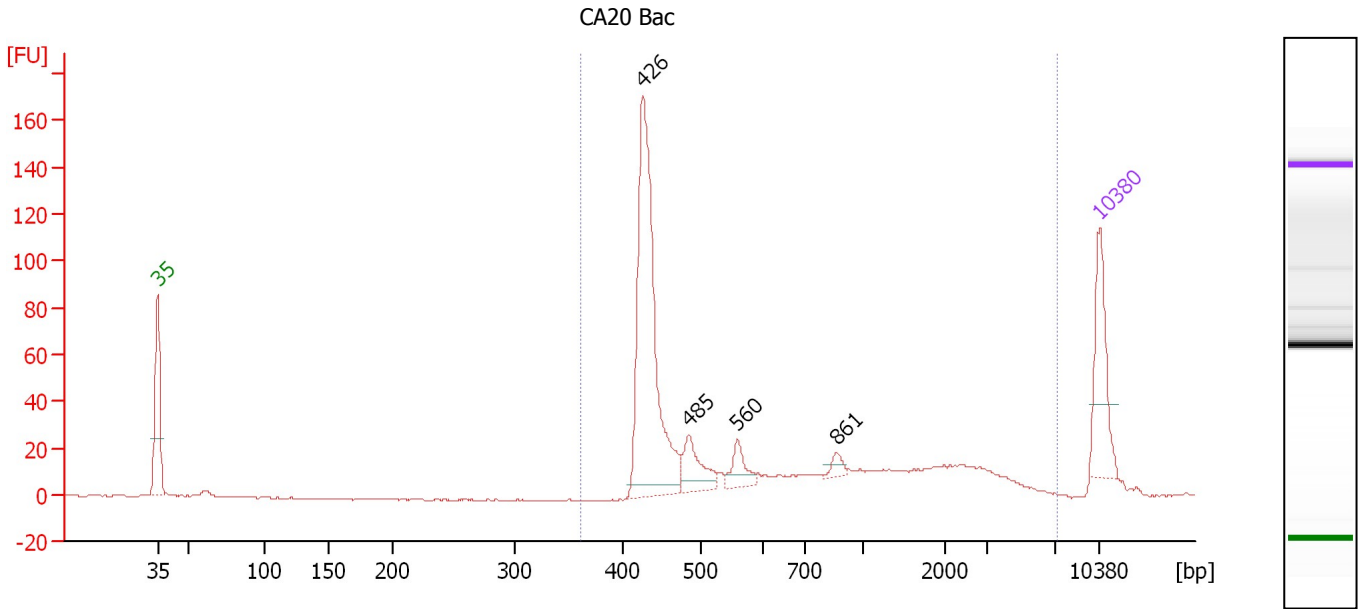
Peak table for Ladder

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	45.33
3	100	150.00	2,272.7	Ladder Peak	50.95
4	150	150.00	1,515.2	Ladder Peak	55.65
5	200	150.00	1,136.4	Ladder Peak	60.40
6	300	150.00	757.6	Ladder Peak	69.56
7	400	150.00	568.2	Ladder Peak	77.56
8	500	150.00	454.5	Ladder Peak	83.28
9	600	150.00	378.8	Ladder Peak	87.98
10	700	150.00	324.7	Ladder Peak	91.14
11	1,000	150.00	227.3	Ladder Peak	95.33
12	2,000	150.00	113.6	Ladder Peak	101.47
13	3,000	150.00	75.8	Ladder Peak	104.58
14	7,000	150.00	32.5	Ladder Peak	109.60
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...2018-02-27\2018-02-27_002_MuiSeq641-MiSeq643_AmpliconQC.xad

Created: 2/27/2018 2:07:18 PM
 Modified: 2/27/2018 5:03:23 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : CA20 Bac

Number of peaks found: 4 Corr. Area 1: 610.6
 Noise: 0.3

Peak table for sample 2 : CA20 Bac

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	426	370.23	1,316.0		79.06
3	485	51.58	161.2		82.41
4	560	29.42	79.6		86.08
5	861	11.22	19.7		93.39
6	10,380	75.00	10.9	Upper Marker	113.00

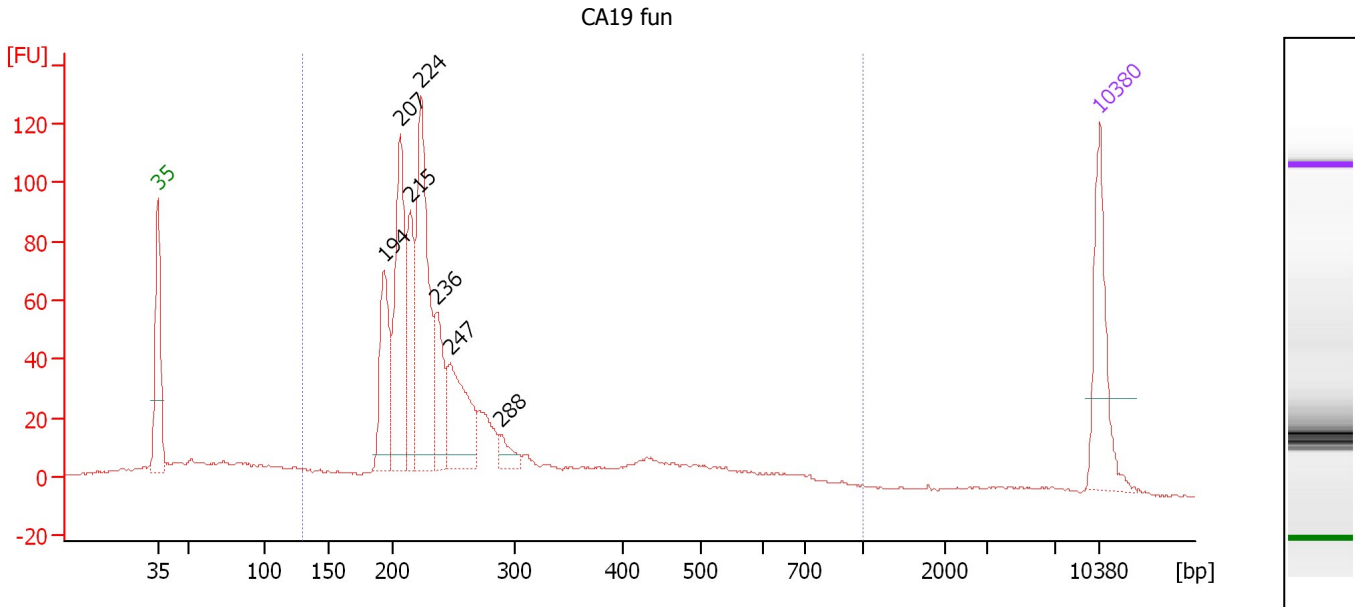
Region table for sample 2 : CA20 Bac

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
361	7,159	918	610.6	649.83	1,804.3	97	99.1

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...2018-02-27\2018-02-27_002_MuiSeq641-MiSeq643_AmpliconQC.xad

Created: 2/27/2018 2:07:18 PM
 Modified: 2/27/2018 5:03:23 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : CA19 fun

Number of peaks found: 7 Corr. Area 1: 1,089.5
 Noise: 0.4

Peak table for sample 3 : CA19 fun

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	194	111.84	871.3		59.87
3	207	190.13	1,392.1		61.03
4	215	98.78	695.0		61.80
5	224	227.68	1,541.6		62.57
6	236	75.75	486.6		63.68
7	247	114.75	702.6		64.74
8	288	18.73	98.6		68.45
9	10,380	75.00	10.9	Upper Marker	113.00

Region table for sample 3 : CA19 fun

From [bp]	To [bp]	Average Size [bp]	Corr. Area	Conc. [pg/μl]	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
130	1,000	285	1,089.5	1,197.88	7,509.8	85	45.7

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...2018-02-27\2018-02-27_002_MuiSeq641-MiSeq643_AmpliconQC.xad

Created: 2/27/2018 2:07:18 PM
Modified: 2/27/2018 5:03:23 PM

Gel Image

