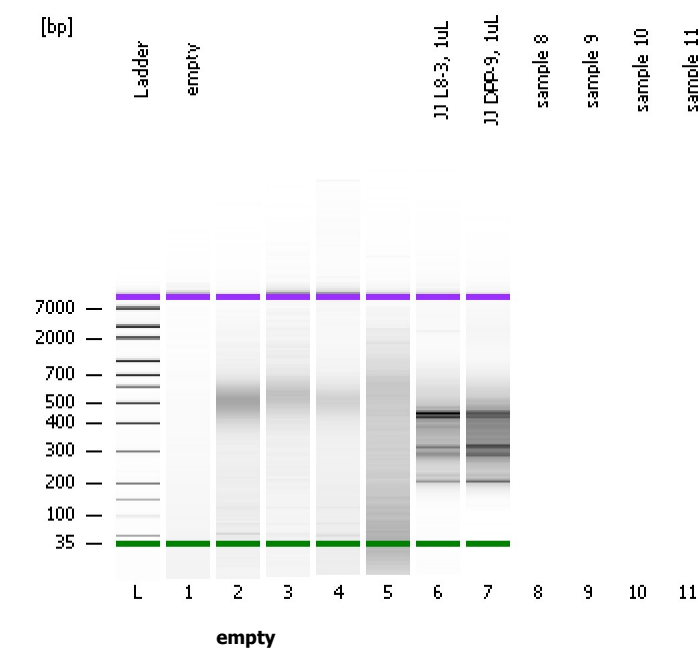


Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE72902438_2011-08-24_11-06-24.xad

Created: 8/24/2011 11:06:24 AM
Modified: 8/25/2011 3:58:33 PM

Electrophoresis File Run Summary



Instrument Information:

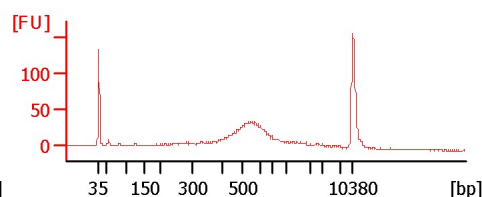
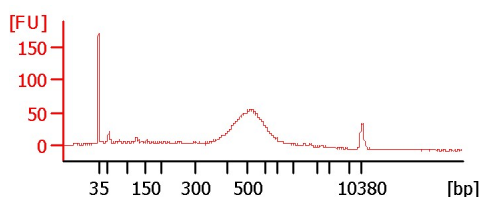
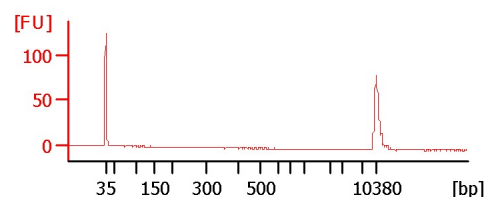
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Serial#: DE72902438 Type: G2939A

Assay Information:

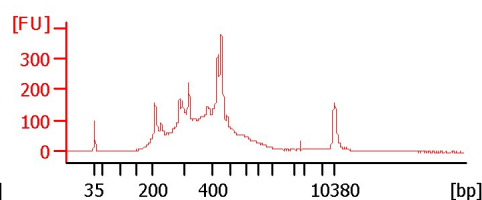
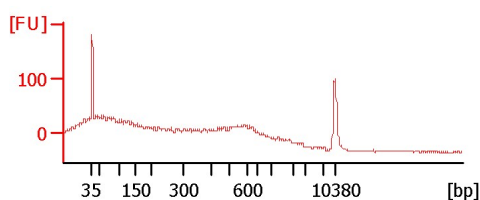
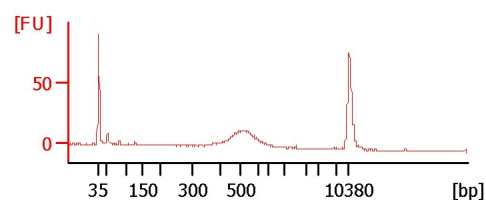
Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\High Sensitivity DNA.xsy
Assay Class: High Sensitivity DNA Assay
Version: 1.0
Assay Comments: Copyright © 2003-2009 Agilent Technologies

Chip Information:

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

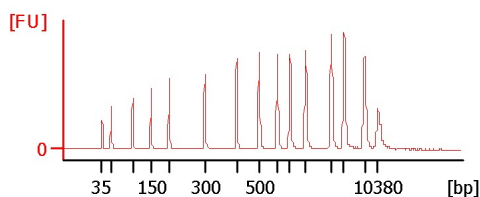
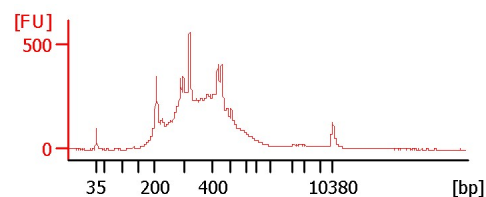


JJ L8-3, 1uL



JJ DPP-9, 1uL

Ladder



Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE72902438_2011-08-24_11-06-24.xad

Created: 8/24/2011 11:06:24 AM
Modified: 8/25/2011 3:58:33 PM

Electrophoresis File Run Summary (Chip Summary)

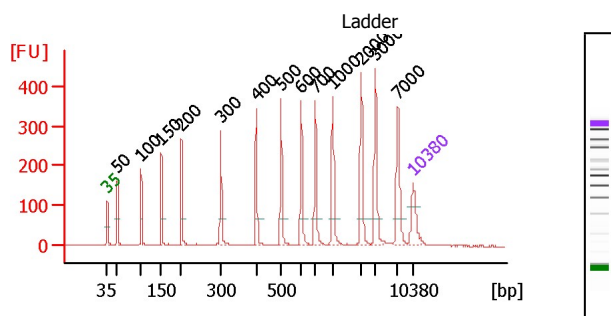
Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
empty		☐	☒			
		☐	☒			
		☐	☒			
		☐	☒			
		☐	☒			
JJ L8-3, 1uL		☐	☒			
JJ DPP-9, 1uL		☐	☒			
sample 8		☐				
sample 9		☐				
sample 10		☐				
sample 11		☐				

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

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...gh Sensitivity DNA Assay_DE72902438_2011-08-24_11-06-24.xad

Created: 8/24/2011 11:06:24 AM
 Modified: 8/25/2011 3:58:33 PM

Electropherogram Summary



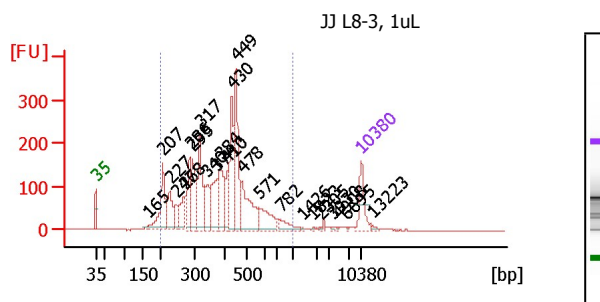
Overall Results for Ladder

Noise: 0.4

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

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
14	7,000	150.00	32.5	Ladder Peak
15	10,380	75.00	10.9	Upper Marker



Overall Results for sample 6 : JJ L8-3, 1uL

Number of peaks found: 24
 Noise: 0.4
 Corr. Area 1: 4,390.2

Region table for sample 6 : JJ L8-3, 1uL

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	4,390.2	93	394	32.0	2,319.65	10,202.8	Blue

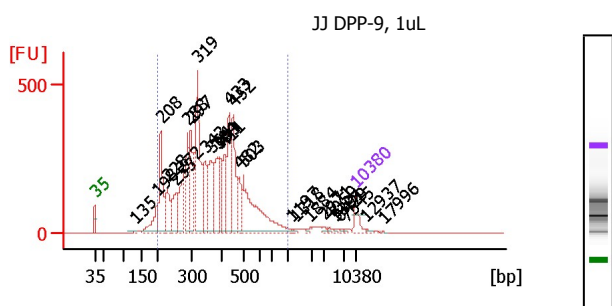
Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...gh Sensitivity DNA Assay_DE72902438_2011-08-24_11-06-24.xad

Created: 8/24/2011 11:06:24 AM
 Modified: 8/25/2011 3:58:33 PM

Electropherogram Summary Continued ...

Peak table for sample 6 : JJ L8-3, 1uL

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.2	Lower Marker	26	13,223	0.00	0.0	
2	165	11.72	107.4						
3	207	233.50	1,707.2						
4	227	122.34	815.6						
5	247	59.04	362.6						
6	268	95.64	540.7						
7	286	119.78	634.1						
8	295	178.22	916.2						
9	317	188.74	901.5						
10	340	119.08	531.2						
11	374	163.65	662.5						
12	384	157.33	621.1						
13	410	63.88	236.2						
14	430	201.89	711.3						
15	449	274.37	925.1						
16	478	198.77	629.6						
17	571	100.78	267.7						
18	782	39.50	76.5						
19	1,426	1.96	2.1						
20	1,823	1.97	1.6						
21	2,305	2.28	1.5						
22	3,930	2.41	0.9						
23	4,908	1.96	0.6						
24	6,695	2.20	0.5						
25	10,380	75.00	10.9	Upper Marker					



Overall Results for sample 7 : JJ DPP-9, 1uL

Number of peaks found: 28
 Noise: 0.5
 Corr. Area 1: 8,170.8

Region table for sample 7 : JJ DPP-9, 1uL

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,000	8,170.8	93	380	31.6	5,807.00	26,210.5	Blue

Peak table for sample 7 : JJ DPP-9, 1uL

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	135	19.59	219.8	
3	198	239.04	1,827.6	
4	208	468.47	3,412.1	
5	228	255.23	1,693.0	
6	255	256.66	1,525.1	
7	272	245.53	1,369.4	
8	288	321.47	1,692.9	
9	297	327.23	1,669.4	
10	319	694.02	3,299.0	
11	343	263.79	1,165.5	
12	364	364.29	1,517.8	
13	384	291.23	1,147.9	
14	393	193.81	747.8	
15	411	216.80	798.8	
16	433	350.85	1,228.3	
17	452	443.06	1,483.8	
18	482	162.12	509.8	
19	503	664.64	2,002.0	
20	1,197	6.51	8.2	
21	1,318	6.12	7.0	
22	1,884	6.35	5.1	
23	2,971	13.97	7.1	
24	4,050	7.43	2.8	
25	5,391	5.44	1.5	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE72902438_2011-08-24_11-06-24.xad

Created: 8/24/2011 11:06:24 AM
Modified: 8/25/2011 3:58:33 PM

Electropherogram Summary Continued ...

Peak	Size [bp]	Conc. [pg/ μ l]	Molarity [pmol/l]	Observations
26	6,429	7.99	1.9	
27	7,545	6.39	1.3	
28	 10,380	75.00	10.9	Upper Marker
29	12,937	0.00	0.0	
30	17,996	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
Data Path: C:\...gh Sensitivity DNA Assay_DE72902438_2011-08-24_11-06-24.xad

Created: 8/24/2011 11:06:24 AM
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Gel Image