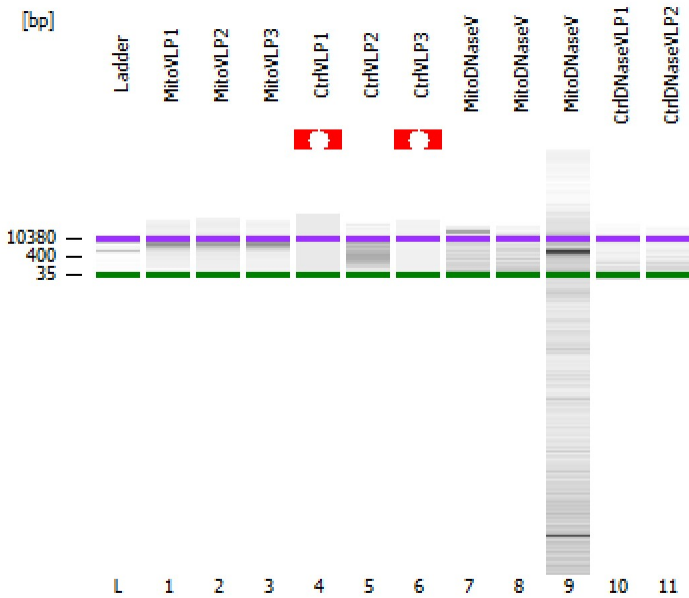


Assay Class: High Sensitivity DNA Assay
Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-01-23_002.xad

Created: 1/23/2020 11:13:12 AM
Modified: 1/23/2020 11:53:43 AM

Electrophoresis File Run Summary



Instrument Information:

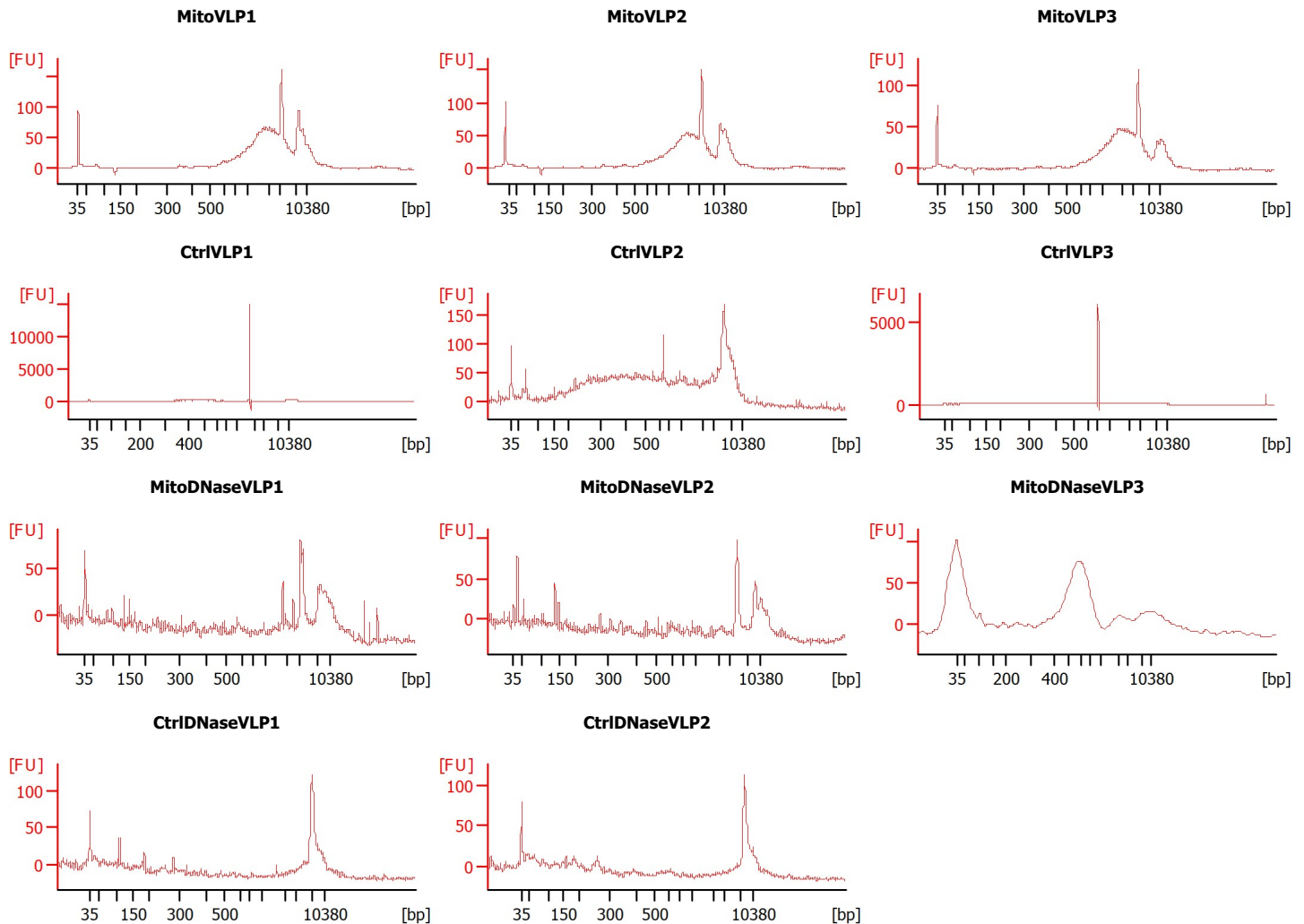
Instrument Name: DE34903152 Firmware: C.01.069
Serial#: DE34903152 Type: G2938C

Assay Information:

Assay Origin Path: C:\Program Files (x86)\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: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-01-23_002.xad

Created: 1/23/2020 11:13:12 AM
 Modified: 1/23/2020 11:53:43 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
MitoVLP1		<input type="checkbox"/>	✓			
MitoVLP2		<input type="checkbox"/>	✓			
MitoVLP3		<input type="checkbox"/>	✓			
CtrlVLP1		<input type="checkbox"/>	✓			
CtrlVLP2		<input type="checkbox"/>	✓			
CtrlVLP3		<input type="checkbox"/>	✓			
MitoDNaseVLP1		<input type="checkbox"/>	✓			
MitoDNaseVLP2		<input type="checkbox"/>	✓			
MitoDNaseVLP3		<input type="checkbox"/>	✓			
CtrlDNaseVLP1		<input type="checkbox"/>	✓			
CtrlDNaseVLP2		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-01-23_002.xad

Created: 1/23/2020 11:13:12 AM
 Modified: 1/23/2020 11:53:43 AM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12
 Minimum Visible Range [s] : 32
 Maximum Visible Range [s] : 138
 Start Analysis Time Range [s] : 33
 End Analysis Time Range [s] : 137.5
 Ladder Concentration [pg/μl] : 1950
 Uses Standard Area for Ladder Fragments
 Lower Marker Concentration [pg/μl] : 125
 Upper Marker Concentration [pg/μl] : 75
 Used Upper Marker for Quantitation
 Standard Curve Fit is Point to Point
 Show Data Aligned to Lower and Upper Marker

Integrator Settings

Integration Start Time [s] : 33.05
 Integration End Time [s] : 137
 Slope Threshold : 0.8
 Height Threshold [FU] : 5
 Area Threshold : 0.1
 Width Threshold [s] : 0.6
 Baseline Plateau [s] : 0.5

Filter Settings

Filter Width [s] : 0.5
 Polynomial Order : 4

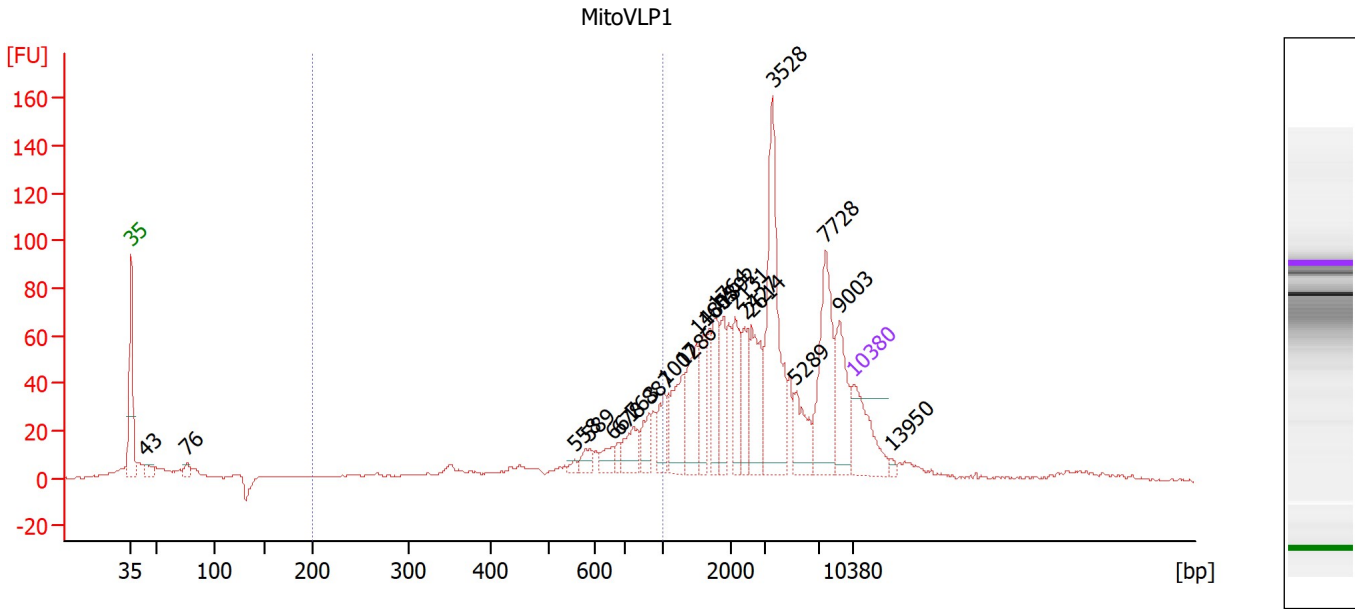
Ladder

Ladder Peak	Size	Area
1	35	160
2	50	210
3	100	208
4	150	221
5	200	242
6	300	270
7	400	305
8	500	306
9	600	336
10	700	321
11	1000	366
12	2000	413
13	3000	411
14	7000	400
15	10380	214

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-01-23_002.xad

Created: 1/23/2020 11:13:12 AM
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Electropherogram Summary



Overall Results for sample 1 : MitoVLP1

Number of peaks found: 22 Corr. Area 1: 261.4
 Noise: 0.4

Peak table for sample 1 : MitoVLP1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	43	21.62	756.4	
3	76	17.38	345.7	
4	558	6.35	17.2	
5	589	19.03	49.0	
6	661	20.77	47.6	
7	678	12.38	27.7	
8	763	43.80	87.0	
9	887	29.46	50.3	
10	1,007	39.38	59.3	
11	1,286	74.19	87.4	
12	1,485	76.79	78.3	
13	1,605	43.59	41.2	
14	1,764	54.37	46.7	
15	1,892	49.71	39.8	
16	2,131	54.61	38.8	
17	2,427	45.78	28.6	
18	2,614	78.89	45.7	
19	3,528	194.48	83.5	
20	5,289	50.55	14.5	
21	7,728	133.25	26.1	
22	9,003	74.72	12.6	
23	10,380	75.00	10.9	Upper Marker
24	13,950	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-01-23_002.xad

Created: 1/23/2020 11:13:12 AM
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Electropherogram Summary Continued ...

... Region table for sample 1 :

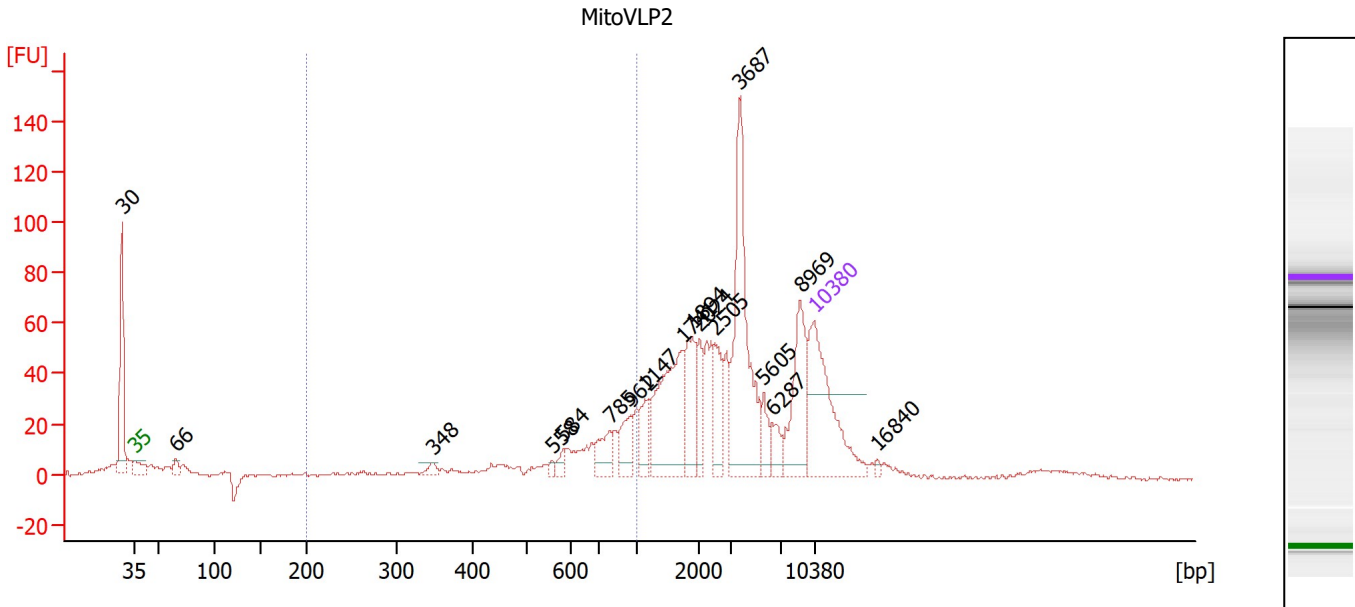
MitoVLP1

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	261.4	18	658	32.0	346.76	987.8	■

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-01-23_002.xad

Created: 1/23/2020 11:13:12 AM
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Electropherogram Summary Continued ...



Overall Results for sample 2 : MitoVLP2

Number of peaks found: 17 Corr. Area 1: 207.5
 Noise: 0.6

Peak table for sample 2 : MitoVLP2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	30	0.00	0.0	
2	35	125.00	5,411.3	Lower Marker
3	66	7.82	180.8	
4	348	6.34	27.6	
5	558	3.01	8.2	
6	584	6.09	15.8	
7	785	20.13	38.9	
8	962	20.30	32.0	
9	1,147	16.13	21.3	
10	1,741	77.19	67.2	
11	1,894	32.22	25.8	
12	2,024	19.09	14.3	
13	2,505	23.65	14.3	
14	3,687	108.07	44.4	
15	5,605	13.30	3.6	
16	6,287	10.89	2.6	
17	8,969	49.87	8.4	
18	10,380	75.00	10.9	Upper Marker
19	16,840	0.00	0.0	

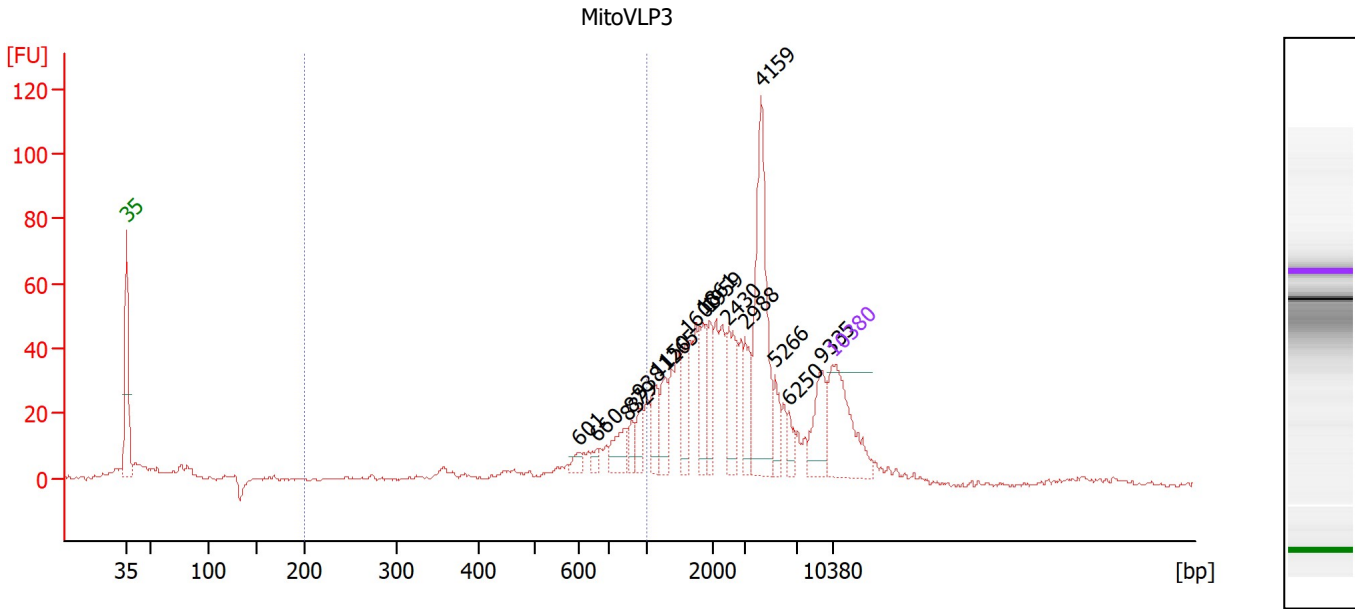
Region table for sample 2 : MitoVLP2

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	207.5	17	661	31.0	137.44	381.1	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-01-23_002.xad

Created: 1/23/2020 11:13:12 AM
 Modified: 1/23/2020 11:53:43 AM

Electropherogram Summary Continued ...



Overall Results for sample 3 : MitoVLP3

Number of peaks found: 16 Corr. Area 1: 156.6
 Noise: 0.4

Peak table for sample 3 : MitoVLP3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	601	9.62	24.2	
3	660	7.72	17.7	
4	832	26.23	47.8	
5	879	13.82	23.8	
6	938	16.31	26.3	
7	1,150	26.25	34.6	
8	1,265	25.56	30.6	
9	1,600	33.24	31.5	
10	1,861	30.39	24.7	
11	1,959	30.18	23.3	
12	2,430	46.71	29.1	
13	2,988	30.58	15.5	
14	4,159	130.50	47.5	
15	5,266	19.45	5.6	
16	6,250	11.02	2.7	
17	9,335	39.28	6.4	
18	10,380	75.00	10.9	Upper Marker

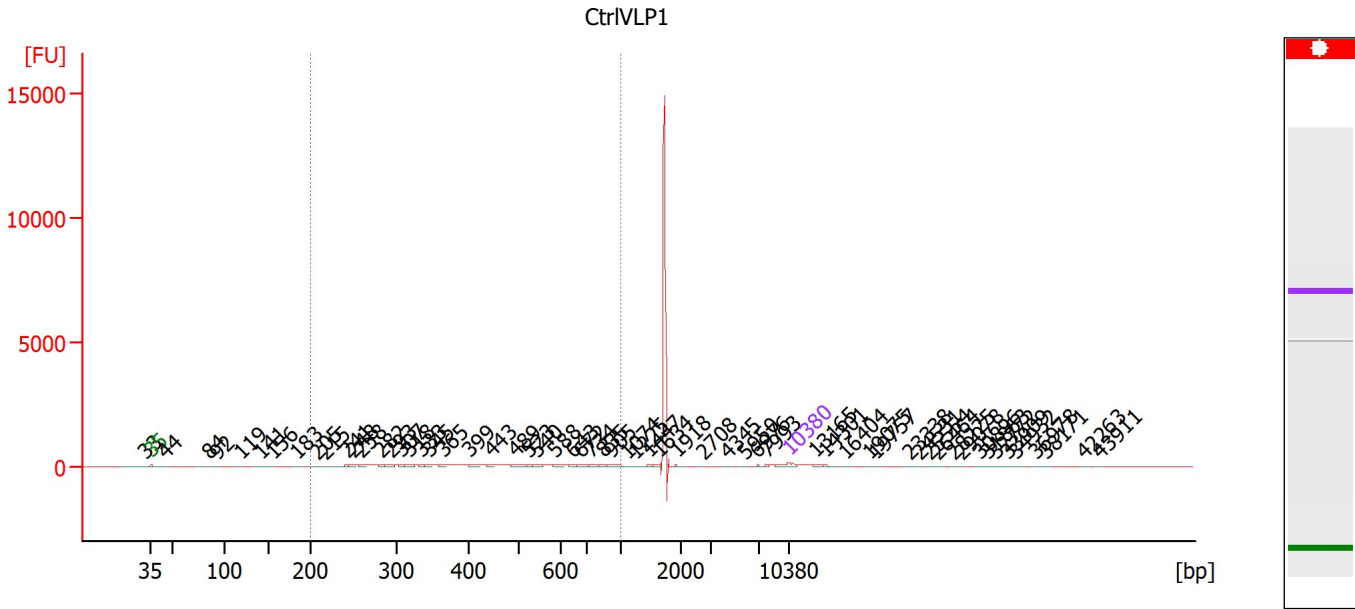
Region table for sample 3 : MitoVLP3

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	156.6	17	696	28.3	183.08	470.3	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-01-23_002.xad

Created: 1/23/2020 11:13:12 AM
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Electropherogram Summary Continued ...



Overall Results for sample 4 : CtrIVLP1

Number of peaks found: 61 Corr. Area 1: 2,806.1
 Noise: 0.9

Peak table for sample 4 : CtrIVLP1


Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	33	0.00	0.0	
2	35	125.00	5,411.3	Lower Marker
3	44	19.83	684.3	
4	84	38.00	688.2	
5	92	27.41	449.8	
6	119	27.82	355.3	
7	141	33.77	363.3	
8	156	52.57	510.8	
9	183	52.39	433.2	
10	205	35.05	258.8	
11	215	50.99	360.1	
12	241	79.92	503.3	
13	248	38.34	234.2	
14	258	44.58	261.8	
15	282	32.97	177.0	
16	293	45.53	235.1	
17	307	35.47	175.2	
18	318	43.47	207.4	
19	333	37.57	170.8	
20	345	32.70	143.7	
21	365	41.56	172.5	
22	399	54.92	208.3	
23	443	31.56	107.9	
24	489	64.59	200.2	
25	523	26.76	77.5	
26	540	36.61	102.7	

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-01-23_002.xad

Created: 1/23/2020 11:13:12 AM
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Electropherogram Summary Continued ...

... Peak table for sample 4 : CtrlVLP1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	588	37.36	96.3	
28	643	28.03	66.1	
29	672	38.38	86.6	
30	734	32.84	67.8	
31	835	20.10	36.5	
32	905	41.61	69.7	
33	1,074	16.39	23.1	
34	1,225	17.71	21.9	
35	1,447	23.11	24.2	
36	1,634	23.82	22.1	
37	1,918	22.95	18.1	
38	2,708	10.98	6.1	
39	4,345	13.16	4.6	
40	5,950	13.67	3.5	
41	6,976	12.67	2.8	
42	7,993	13.06	2.5	
43	 10,380	75.00	10.9	Upper Marker
44	13,165	0.00	0.0	
45	14,301	0.00	0.0	
46	16,404	0.00	0.0	
47	19,075	0.00	0.0	
48	19,757	0.00	0.0	
49	23,338	0.00	0.0	
50	24,531	0.00	0.0	
51	25,554	0.00	0.0	
52	26,464	0.00	0.0	
53	28,225	0.00	0.0	
54	29,078	0.00	0.0	
55	30,896	0.00	0.0	
56	31,863	0.00	0.0	
57	32,772	0.00	0.0	
58	33,909	0.00	0.0	
59	34,932	0.00	0.0	
60	36,978	0.00	0.0	
61	38,171	0.00	0.0	
62	42,263	0.00	0.0	
63	43,911	0.00	0.0	

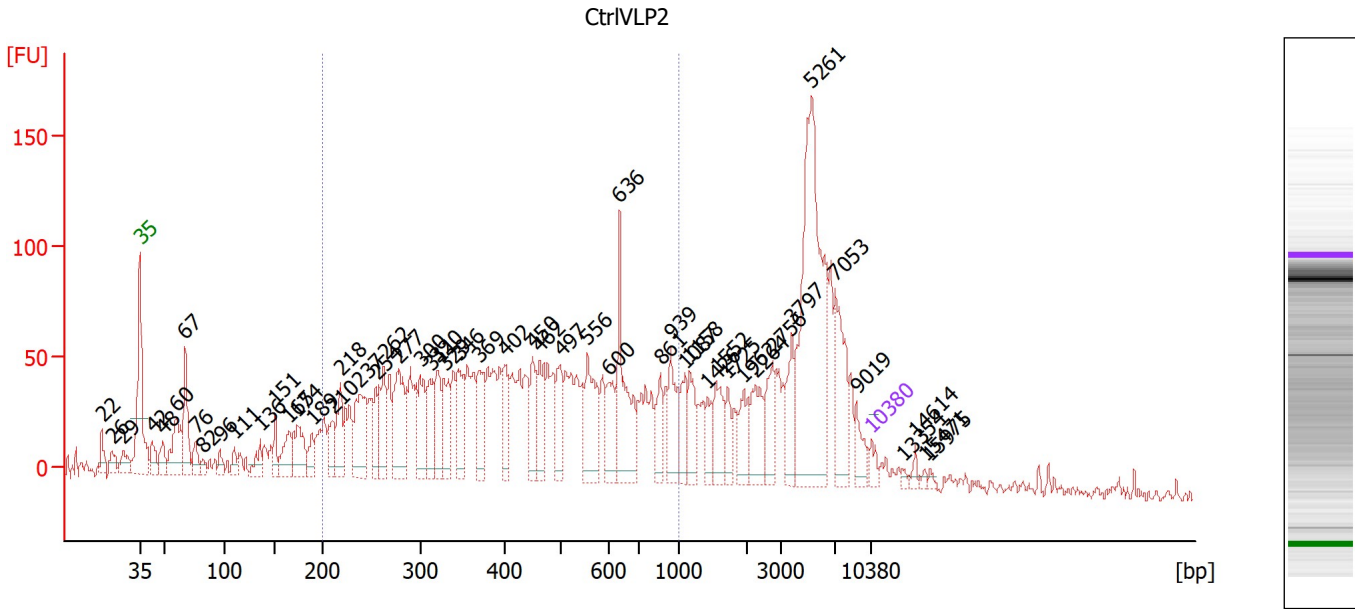
Region table for sample 4 : CtrlVLP1

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	2,806.1	32	452	40.7	1,308.82	5,458.6	

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-01-23_002.xad

Created: 1/23/2020 11:13:12 AM
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Electropherogram Summary Continued ...



Overall Results for sample 5 : CtrlVLP2

Number of peaks found: 53 Corr. Area 1: 2,098.6
 Noise: 3.9

Peak table for sample 5 : CtrlVLP2


Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	22	0.00	0.0	
2	26	0.00	0.0	
3	29	0.00	0.0	
4	35	125.00	5,411.3	Lower Marker
5	42	208.72	7,481.4	
6	48	195.35	6,131.2	
7	60	563.77	14,293.7	
8	67	592.85	13,405.4	
9	76	184.43	3,673.6	
10	82	85.02	1,571.9	
11	96	117.90	1,852.0	
12	111	112.94	1,545.3	
13	136	194.53	2,162.3	
14	151	196.40	1,967.7	
15	165	310.45	2,846.7	
16	174	471.99	4,113.5	
17	189	210.46	1,687.8	
18	210	255.07	1,843.8	
19	218	368.07	2,559.7	
20	237	664.42	4,245.0	
21	254	343.00	2,044.3	
22	262	411.78	2,377.0	
23	277	702.13	3,843.3	
24	300	438.18	2,213.5	
25	311	361.90	1,760.8	
26	320	393.94	1,867.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-01-23_002.xad

Created: 1/23/2020 11:13:12 AM
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Electropherogram Summary Continued ...

... Peak table for sample 5 : CtrlVLP2

Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
27	329	397.87	1,834.4	
28	346	392.90	1,721.3	
29	369	420.82	1,725.9	
30	402	337.75	1,273.3	
31	450	328.48	1,106.2	
32	462	326.72	1,071.7	
33	497	352.50	1,074.6	
34	556	576.17	1,571.2	
35	600	339.14	856.2	
36	636	758.48	1,807.4	
37	861	249.46	439.1	
38	939	355.33	573.5	
39	1,087	233.11	324.9	
40	1,158	253.27	331.4	
41	1,426	144.84	153.9	
42	1,552	280.94	274.3	
43	1,725	141.61	124.4	
44	1,962	196.22	151.6	
45	2,264	336.14	225.0	
46	2,756	286.07	157.3	
47	3,797	269.58	107.6	
48	5,261	1,890.51	544.4	
49	7,053	493.59	106.0	
50	9,019	147.24	24.7	
51	 10,380	75.00	10.9	Upper Marker
52	13,354	0.00	0.0	
53	14,614	0.00	0.0	
54	15,471	0.00	0.0	
55	15,975	0.00	0.0	

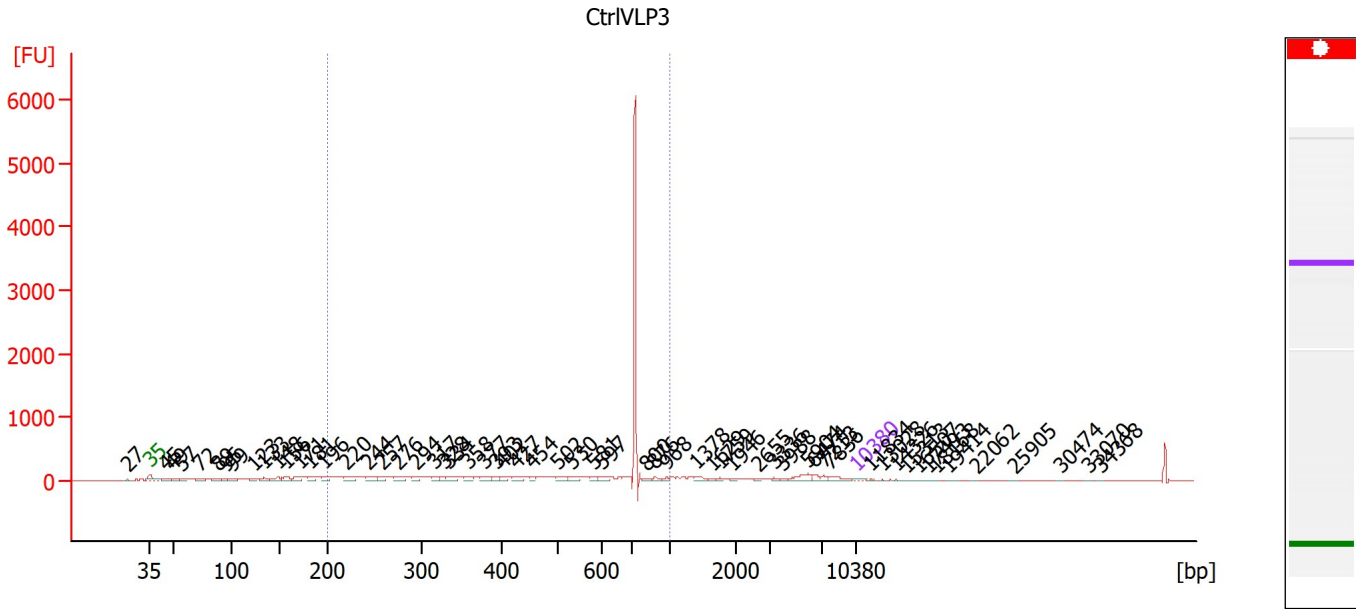
Region table for sample 5 : CtrlVLP2

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	2,098.6	54	457	41.0	15,456.95	64,040.1	

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-01-23_002.xad

Created: 1/23/2020 11:13:12 AM
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Electropherogram Summary Continued ...



Overall Results for sample 6 : CtrIVLP3

Number of peaks found: 60 Corr. Area 1: 4,336.6
 Noise: 4.3

Peak table for sample 6 : CtrIVLP3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	27	0.00	0.0	
2	35	125.00	5,411.3	Lower Marker
3	45	187.04	6,284.7	
4	49	110.88	3,451.5	
5	57	110.59	2,941.4	
6	72	215.82	4,548.2	
7	89	222.91	3,807.9	
8	95	176.49	2,822.0	
9	99	222.97	3,397.8	
10	123	186.58	2,300.0	
11	133	283.03	3,216.1	
12	148	324.59	3,319.5	
13	156	358.30	3,469.9	
14	171	333.98	2,961.4	
15	181	279.44	2,341.0	
16	196	266.03	2,058.2	
17	220	353.53	2,439.6	
18	244	382.88	2,377.9	
19	257	199.14	1,173.9	
20	276	346.76	1,905.4	
21	294	248.10	1,279.1	
22	317	220.73	1,056.4	
23	328	189.49	876.0	
24	334	323.83	1,467.7	
25	358	229.31	970.6	
26	377	324.69	1,304.9	

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-01-23_002.xad

Created: 1/23/2020 11:13:12 AM
 Modified: 1/23/2020 11:53:43 AM

Electropherogram Summary Continued ...

... Peak table for sample 6 : CtrlVLP3

Peak	Size [bp]	Conc. [pg/µl]	Molarity [pmol/l]	Observations
27	393	173.96	669.9	
28	402	177.91	670.7	
29	427	258.99	919.8	
30	454	146.91	490.0	
31	502	222.69	671.9	
32	530	217.97	622.7	
33	581	127.41	332.3	
34	597	213.18	540.7	
35	800	96.72	183.3	
36	876	139.01	240.5	
37	968	82.34	128.8	
38	1,378	171.93	189.1	
39	1,629	83.03	77.2	
40	1,759	76.89	66.2	
41	1,946	62.01	48.3	
42	2,655	70.41	40.2	
43	3,336	85.41	38.8	
44	3,988	62.76	23.8	
45	5,904	366.03	93.9	
46	6,474	181.00	42.4	
47	7,213	102.93	21.6	
48	7,836	223.68	43.3	
49	10,380	75.00	10.9	Upper Marker
50	11,834	0.00	0.0	
51	13,028	0.00	0.0	
52	14,326	0.00	0.0	
53	15,313	0.00	0.0	
54	16,507	0.00	0.0	
55	17,493	0.00	0.0	
56	18,168	0.00	0.0	
57	19,414	0.00	0.0	
58	22,062	0.00	0.0	
59	25,905	0.00	0.0	
60	30,474	0.00	0.0	
61	33,070	0.00	0.0	
62	34,368	0.00	0.0	

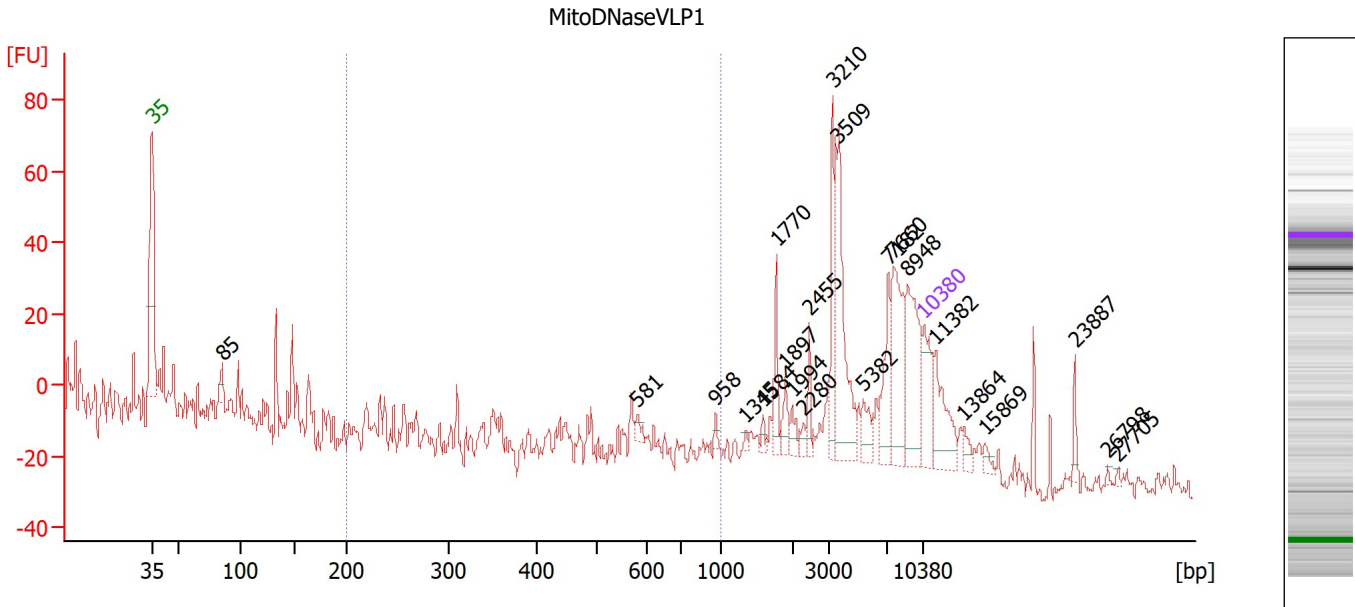
Region table for sample 6 : CtrlVLP3

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	4,336.6	62	550	35.8	13,436.02	48,246.8	

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-01-23_002.xad

Created: 1/23/2020 11:13:12 AM
 Modified: 1/23/2020 11:53:43 AM

Electropherogram Summary Continued ...



Overall Results for sample 7 : MitoDNaseVLP1

Number of peaks found: 22 Corr. Area 1: 11.1
 Noise: 5.3

Peak table for sample 7 : MitoDNaseVLP1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	85	40.55	725.6	
3	581	14.92	38.9	
4	958	9.02	14.3	
5	1,345	6.01	6.8	
6	1,584	9.28	8.9	
7	1,770	49.40	42.3	
8	1,897	28.03	22.4	
9	1,994	21.08	16.0	
10	2,280	12.18	8.1	
11	2,455	26.46	16.3	
12	3,210	110.87	52.3	
13	3,509	189.61	81.9	
14	5,382	35.19	9.9	
15	7,182	84.85	17.9	
16	7,660	150.13	29.7	
17	8,948	158.25	26.8	
18	10,380	75.00	10.9	Upper Marker
19	11,382	0.00	0.0	
20	13,864	0.00	0.0	
21	15,869	0.00	0.0	
22	23,887	0.00	0.0	
23	26,798	0.00	0.0	
24	27,705	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-01-23_002.xad

Created: 1/23/2020 11:13:12 AM
 Modified: 1/23/2020 11:53:43 AM

Electropherogram Summary Continued ...

... Region table for sample 7 :

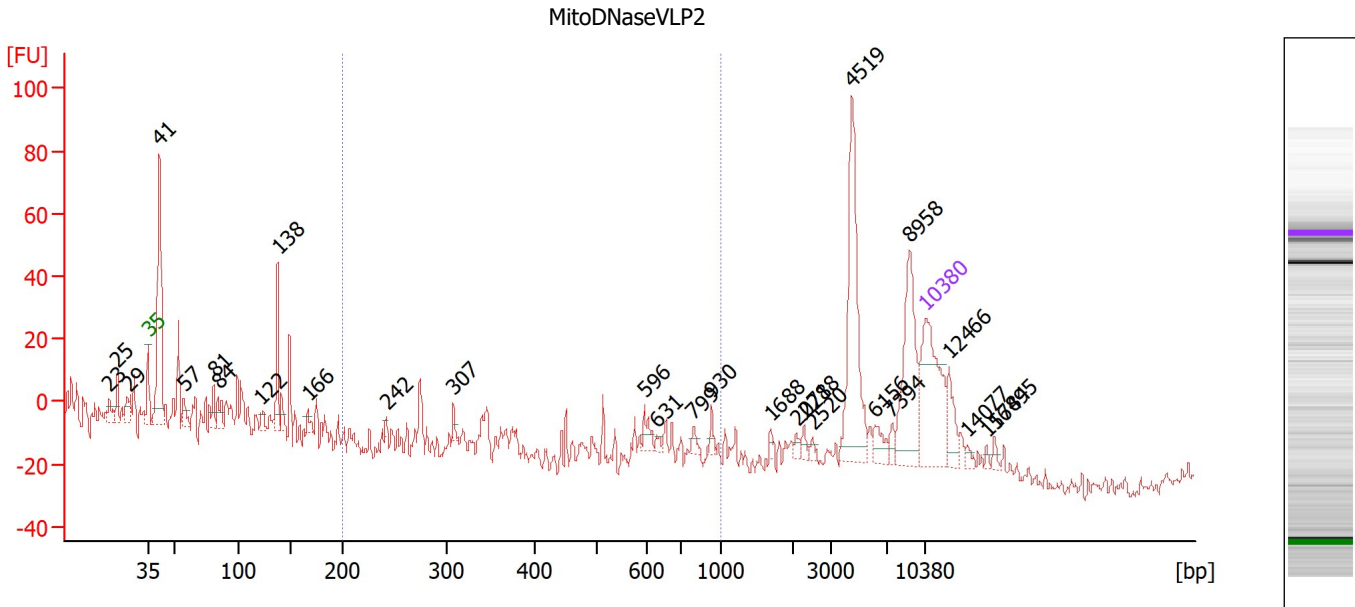
MitoDNaseVLP1

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	11.1	2	559	37.0	35.74	121.2	■

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-01-23_002.xad

Created: 1/23/2020 11:13:12 AM
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Electropherogram Summary Continued ...



Overall Results for sample 8 : MitoDNaseVLP2

Number of peaks found: 28 Corr. Area 1: 29.1
 Noise: 3.5

Peak table for sample 8 : MitoDNaseVLP2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	23	0.00	0.0	
2	25	0.00	0.0	
3	29	0.00	0.0	
4	35	125.00	5,411.3	Lower Marker
5	41	172.32	6,330.6	
6	57	14.71	390.7	
7	81	17.78	332.9	
8	84	16.79	301.8	
9	122	9.55	119.0	
10	138	57.44	632.3	
11	166	8.67	79.2	
12	242	4.32	27.1	
13	307	6.62	32.6	
14	596	11.47	29.2	
15	631	3.42	8.2	
16	799	5.77	10.9	
17	930	6.07	9.9	
18	1,688	3.67	3.3	
19	2,071	4.17	3.0	
20	2,288	4.97	3.3	
21	2,520	3.52	2.1	
22	4,519	106.13	35.6	
23	6,156	12.66	3.1	
24	7,394	5.91	1.2	
25	8,958	74.28	12.6	
26	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-01-23_002.xad

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Electropherogram Summary Continued ...

... Peak table for sample 8 : MitoDNaseVLP2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	12,466	0.00	0.0	
28	14,077	0.00	0.0	
29	15,784	0.00	0.0	
30	16,495	0.00	0.0	

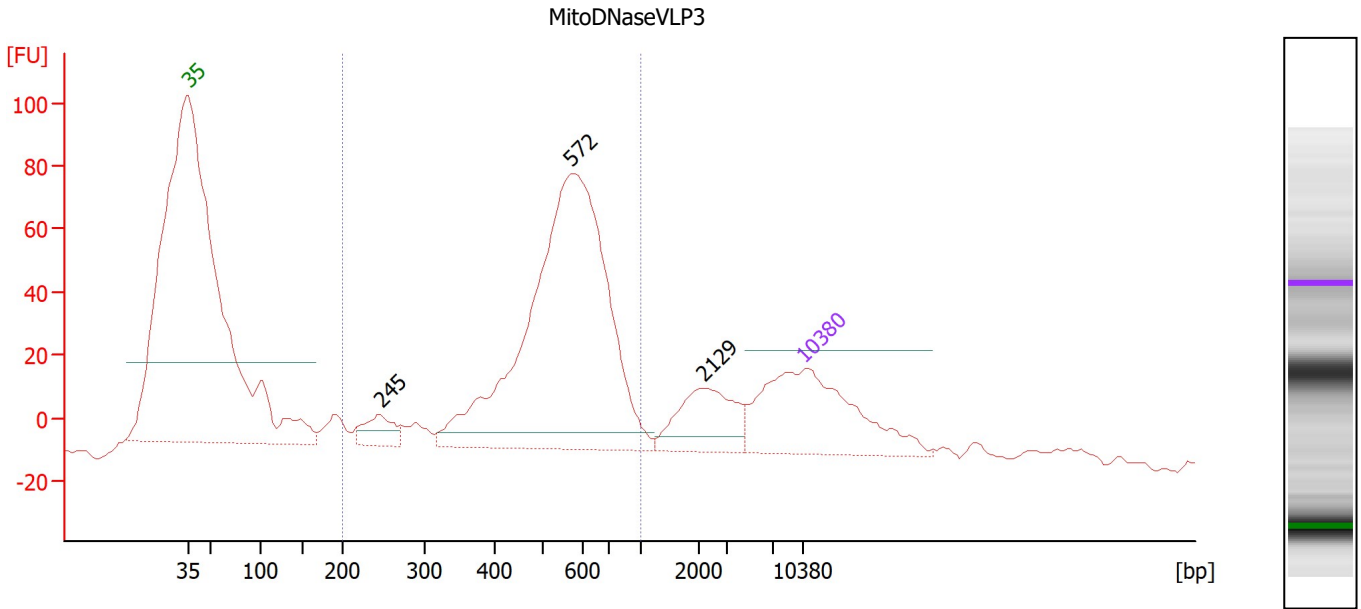
Region table for sample 8 : MitoDNaseVLP2

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	29.1	7	522	40.1	37.23	139.2	

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-01-23_002.xad

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Electropherogram Summary Continued ...



Overall Results for sample 9 : MitoDNaseVLP3

Number of peaks found: 3 Corr. Area 1: 143.8
 Noise: 2.5

Peak table for sample 9 : MitoDNaseVLP3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	245	14.91	92.0	
3	572	276.87	733.8	
4	2,129	36.21	25.8	
5	10,380	75.00	10.9	Upper Marker

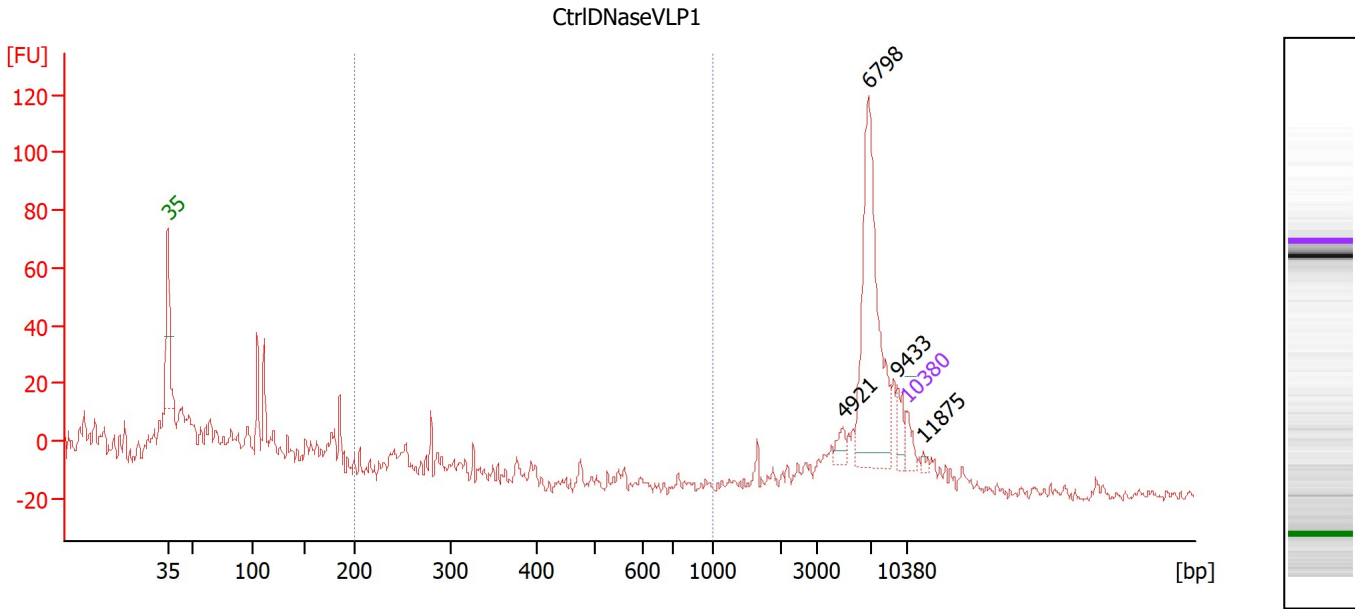
Region table for sample 9 : MitoDNaseVLP3

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	143.8	34	522	30.2	389.32	1,301.5	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-01-23_002.xad

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Electropherogram Summary Continued ...



Overall Results for sample 10 : CtrlDNaseVLP1

Number of peaks found: 4 Corr. Area 1: 27.8
 Noise: 2.8

Peak table for sample 10 : CtrlDNaseVLP1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	4,921	66.72	20.5	
3	6,798	1,166.14	259.9	
4	9,433	107.16	17.2	
5	10,380	75.00	10.9	Upper Marker
6	11,875	0.00	0.0	

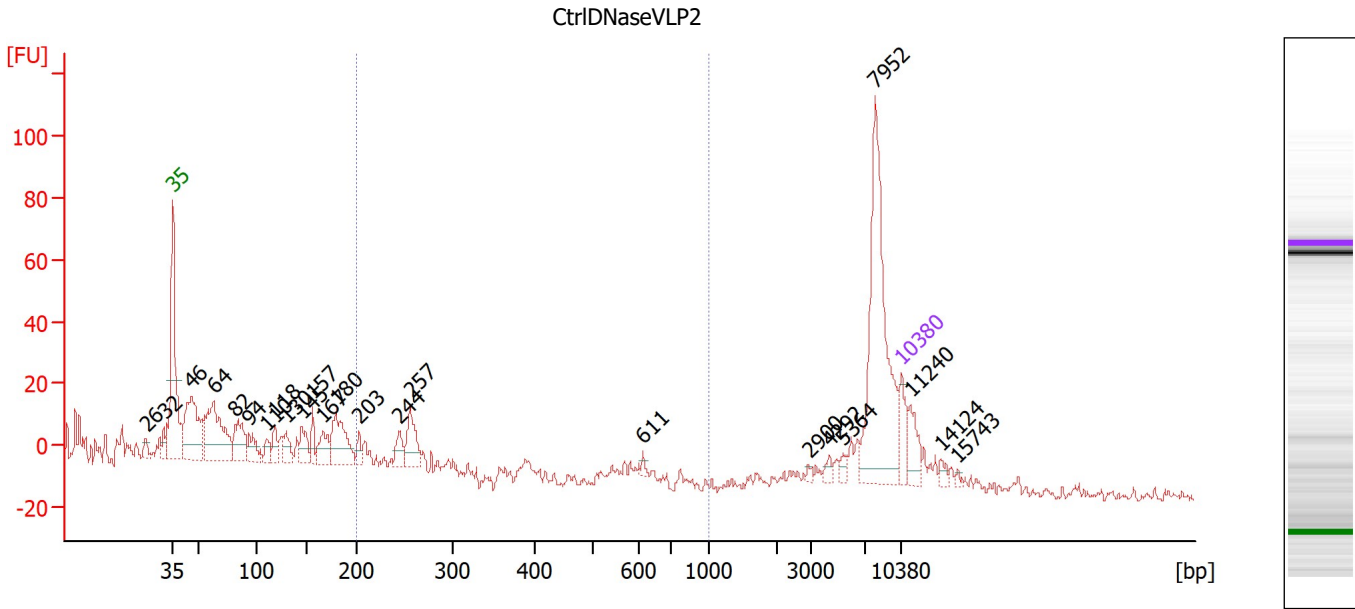
Region table for sample 10 : CtrlDNaseVLP1

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	27.8	4	292	24.6	249.11	1,367.8	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-01-23_002.xad

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 Modified: 1/23/2020 11:53:43 AM

Electropherogram Summary Continued ...



Overall Results for sample 11 : CtrlDNaseVLP2

Number of peaks found: 24 Corr. Area 1: 23.7
 Noise: 2.3

Peak table for sample 11 : CtrlDNaseVLP2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	26	0.00	0.0	
2	32	0.00	0.0	
3	35	125.00	5,411.3	Lower Marker
4	46	434.37	14,275.1	
5	64	433.15	10,333.4	
6	82	177.84	3,298.2	
7	94	95.31	1,544.1	
8	110	52.69	725.6	
9	118	69.84	896.5	
10	130	75.21	878.0	
11	145	95.91	1,000.2	
12	157	63.35	612.9	
13	167	106.08	963.2	
14	180	240.78	2,028.6	
15	203	41.81	311.8	
16	244	68.74	426.8	
17	257	144.48	852.5	
18	611	13.80	34.2	
19	2,900	9.87	5.2	
20	4,292	17.50	6.2	
21	5,364	18.48	5.2	
22	7,952	602.22	114.8	
23	10,380	75.00	10.9	Upper Marker
24	11,240	0.00	0.0	
25	14,124	0.00	0.0	
26	15,743	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-01-23_002.xad

Created: 1/23/2020 11:13:12 AM
 Modified: 1/23/2020 11:53:43 AM

Electropherogram Summary Continued ...

... Region table for sample 11 :

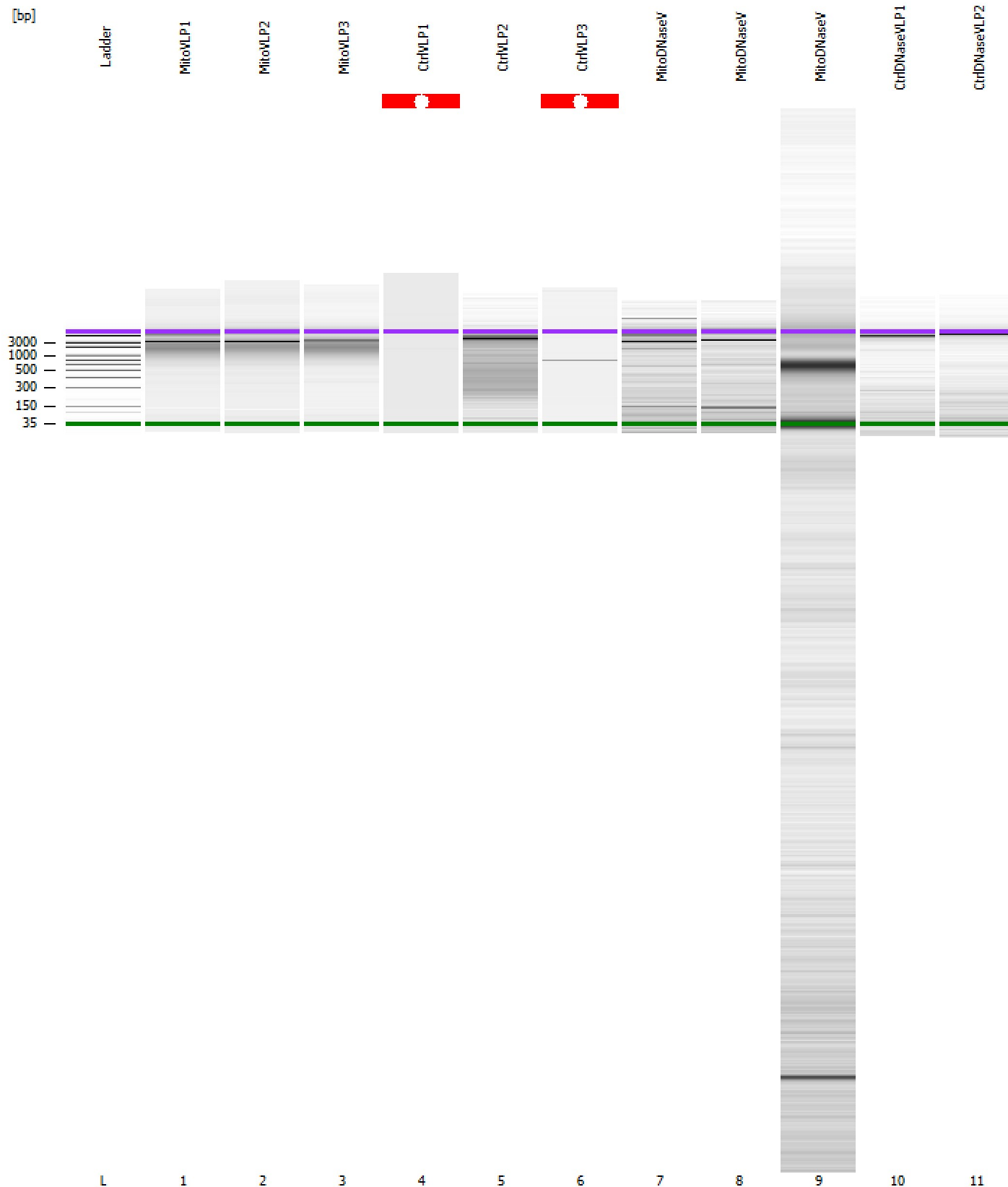
CtrlDNaseVLP2

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	23.7	6	268	30.6	121.43	726.2	■

Assay Class: High Sensitivity DNA Assay
Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-01-23_002.xad

Created: 1/23/2020 11:13:12 AM
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Gel Image

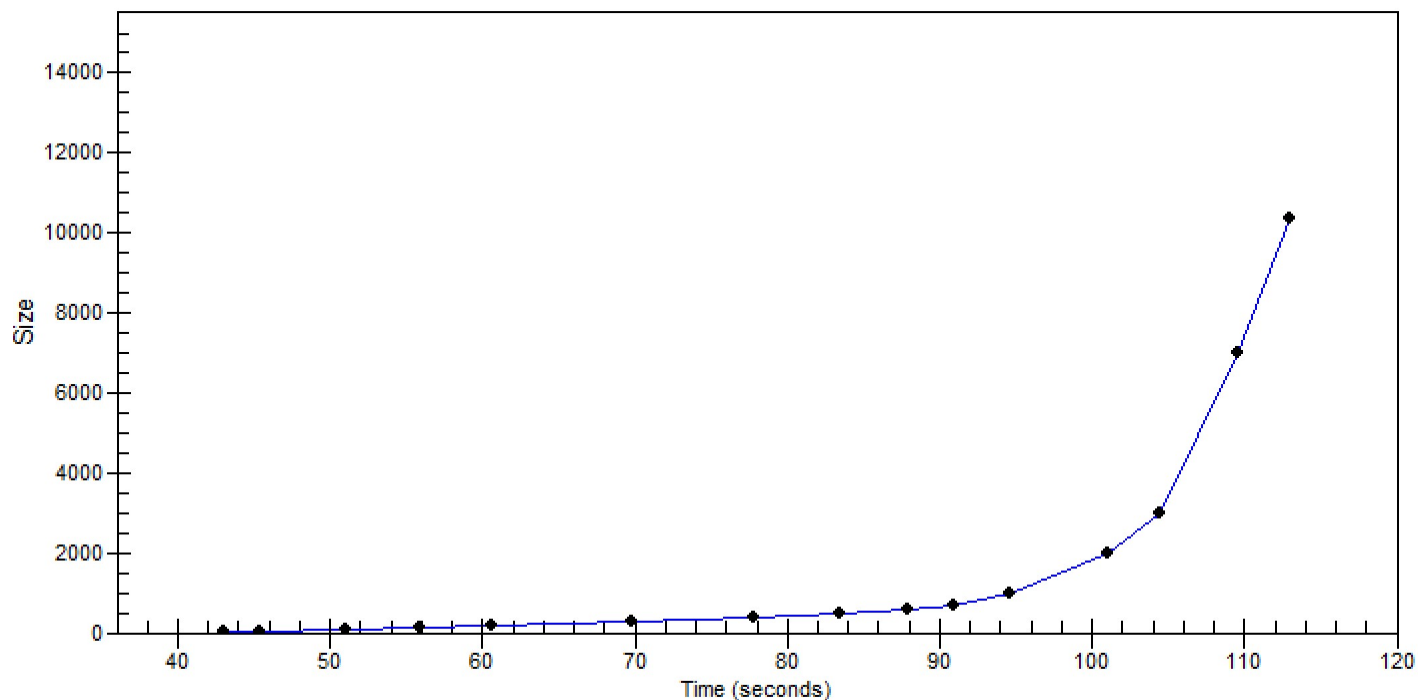


Assay Class: High Sensitivity DNA Assay
Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-01-23_002.xad

Created: 1/23/2020 11:13:12 AM
Modified: 1/23/2020 11:53:43 AM

Curves

Standard Curve



Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-01-23_002.xad

Created: 1/23/2020 11:13:12 AM
 Modified: 1/23/2020 11:53:43 AM

Run Logbook

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 12)		Instrument	Run		1/23/2020 11:53:39 AM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Instrument error occurred on port 1, Optical signal too high (1605h)	559	Instrument	Run	Sample 6	1/23/2020 11:38:29 AM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Instrument error occurred on port 1, Optical signal too high (1605h)	559	Instrument	Run	Sample 4	1/23/2020 11:32:56 AM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Run started on port 1 (File: Z:\XADs\2020-01-23\Bioanalyzer1_High Sensitivity DNA Assay_2020-01-23_002.xad)		Instrument	Run		1/23/2020 11:13:12 AM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		1/23/2020 11:13:12 AM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		1/23/2020 11:13:12 AM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		1/23/2020 11:13:12 AM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		1/23/2020 11:13:12 AM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		1/23/2020 11:13:12 AM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		1/23/2020 11:13:12 AM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB