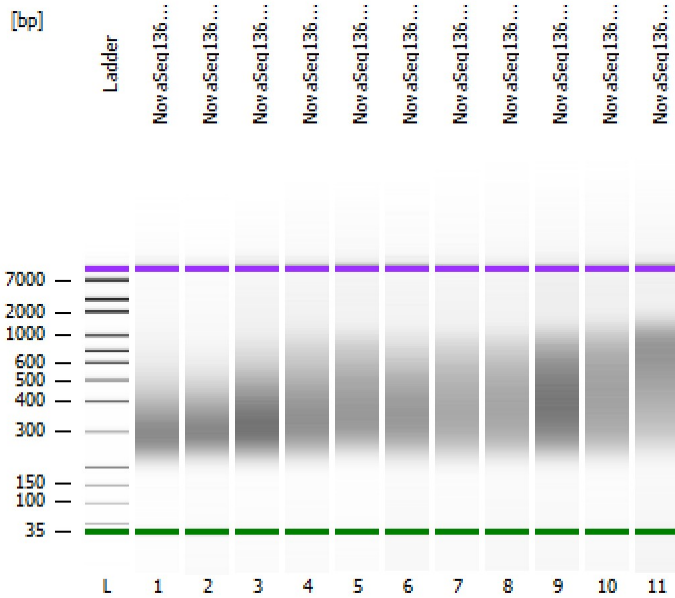


Assay Class: High Sensitivity DNA Assay  
Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-02-06\_002.xad

Created: 2/6/2020 12:33:32 PM  
Modified: 2/6/2020 1:14:30 PM

Electrophoresis File Run Summary



Instrument Information:

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

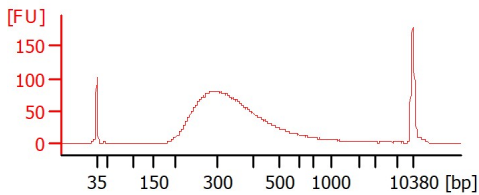
Assay Information:

Assay Origin Path: C:\Program Files (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

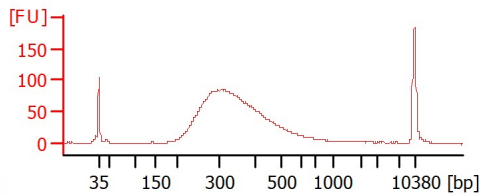
Chip Information:

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

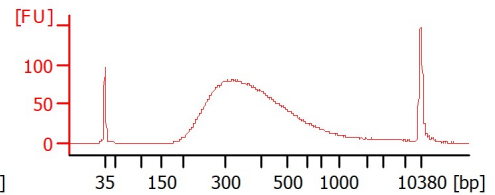
NovaSeq136 -1 pool for exome capture



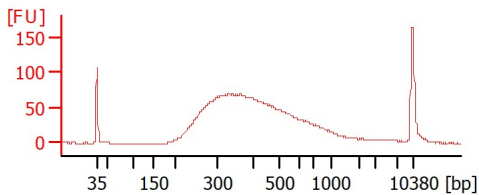
NovaSeq136 -2 pool for exome capture



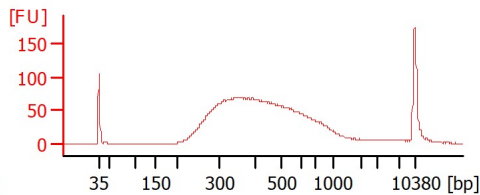
NovaSeq136 -3 pool for exome capture



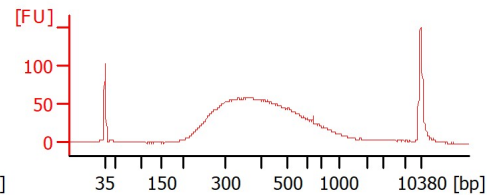
NovaSeq136 -4 pool for exome capture



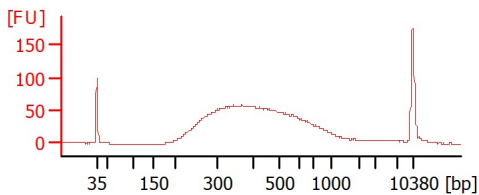
NovaSeq136 -5 pool for exome capture



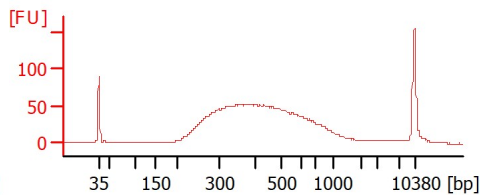
NovaSeq136 -6 pool for exome capture



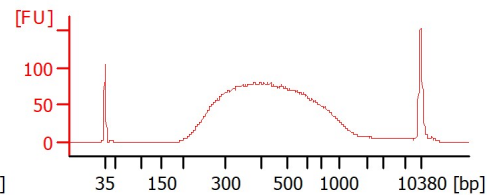
NovaSeq136 -7 pool for exome capture



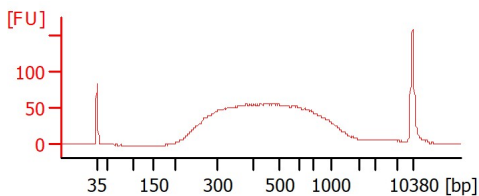
NovaSeq136 -8 pool for exome capture



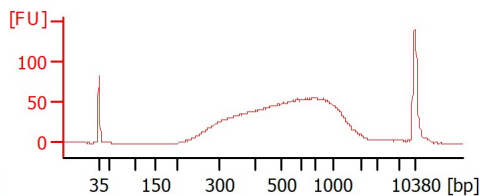
NovaSeq136 -9 pool for exome capture



NovaSeq136 -10 pool for exome capture



NovaSeq136 -11 pool for exome capture



Assay Class: High Sensitivity DNA Assay  
 Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-02-06\_002.xad

Created: 2/6/2020 12:33:32 PM  
 Modified: 2/6/2020 1:14:30 PM

**Electrophoresis File Run Summary (Chip Summary)**

Sample Name	Sample Comment	Rest. Digest	Status Observation	Result Label	Result Color
NovaSeq136 -1 pool for exome capture		<input type="checkbox"/>	✓		
NovaSeq136 -2 pool for exome capture		<input type="checkbox"/>	✓		
NovaSeq136 -3 pool for exome capture		<input type="checkbox"/>	✓		
NovaSeq136 -4 pool for exome capture		<input type="checkbox"/>	✓		
NovaSeq136 -5 pool for exome capture		<input type="checkbox"/>	✓		
NovaSeq136 -6 pool for exome capture		<input type="checkbox"/>	✓		
NovaSeq136 -7 pool for exome capture		<input type="checkbox"/>	✓		
NovaSeq136 -8 pool for exome capture		<input type="checkbox"/>	✓		
NovaSeq136 -9 pool for exome capture		<input type="checkbox"/>	✓		
NovaSeq136 -10 pool for exome capture		<input type="checkbox"/>	✓		
NovaSeq136 -11 pool for exome capture		<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\_2020-02-06\_002.xad

Created: 2/6/2020 12:33:32 PM  
 Modified: 2/6/2020 1:14:30 PM

**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

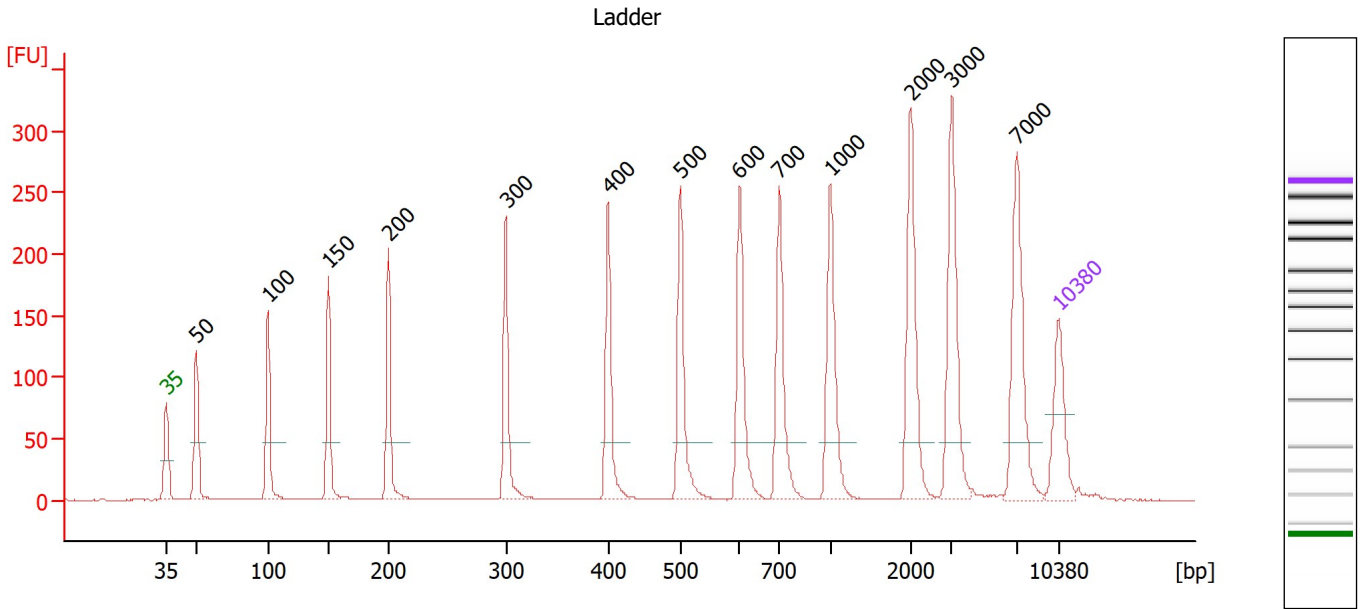
**Ladder**

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\_2020-02-06\_002.xad

Created: 2/6/2020 12:33:32 PM  
 Modified: 2/6/2020 1:14:30 PM

**Electropherogram Summary**



**Overall Results for Ladder**

Noise: 0.2

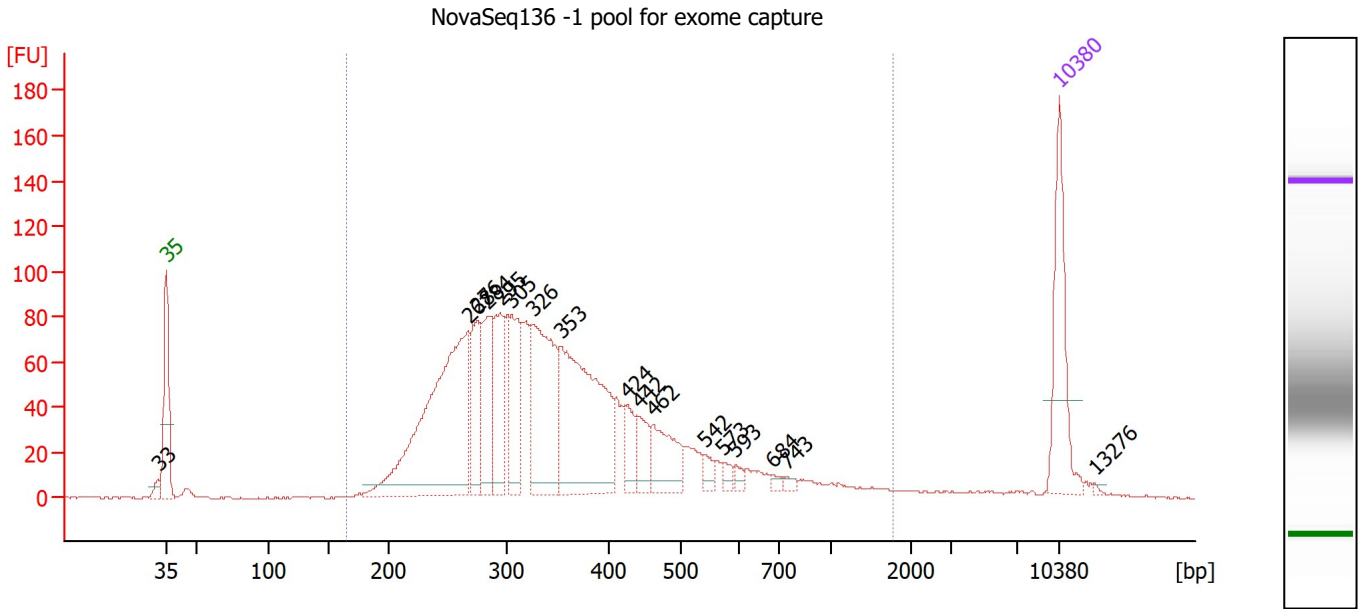
**Peak table for Ladder**

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: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-02-06\_002.xad

Created: 2/6/2020 12:33:32 PM  
 Modified: 2/6/2020 1:14:30 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : NovaSeq136 -1 pool for exome capture**

Number of peaks found: 17                      Corr. Area 1: 2,022.9  
 Noise: 0.3

**Peak table for sample 1 : NovaSeq136 -1 pool for exome capture**

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	268	350.51	1,982.5	
4	276	75.68	416.2	
5	284	94.89	505.9	
6	295	85.13	437.4	
7	305	90.15	448.4	
8	326	172.57	801.5	
9	353	246.21	1,056.7	
10	424	29.88	106.7	
11	442	29.82	102.3	
12	462	56.80	186.3	
13	542	10.46	29.2	
14	573	7.00	18.5	
15	593	5.96	15.2	
16	684	4.72	10.5	
17	743	4.03	8.2	
18	10,380	75.00	10.9	Upper Marker
19	13,276	0.00	0.0	

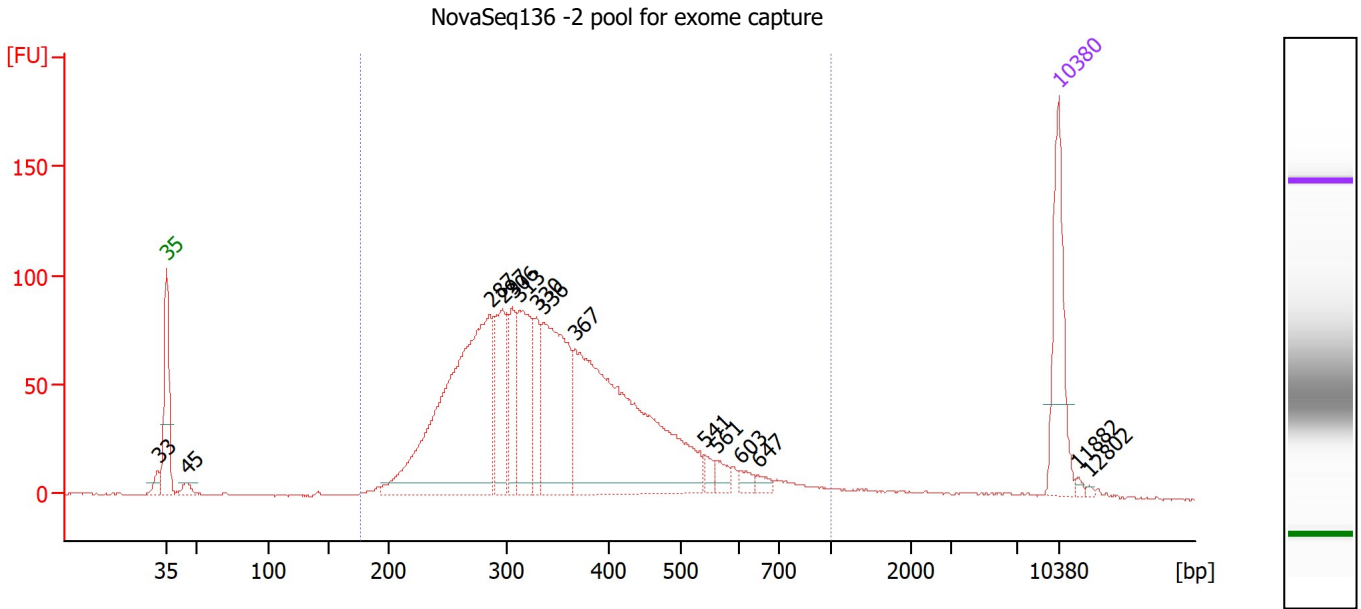
**Region table for sample 1 : NovaSeq136 -1 pool for exome capture**

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
165	1,792	2,022.9	96	379	49.0	1,562.46	7,368.7	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-02-06\_002.xad

Created: 2/6/2020 12:33:32 PM  
 Modified: 2/6/2020 1:14:30 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : NovaSeq136 -2 pool for exome capture**

Number of peaks found: 15                      Corr. Area 1: 1,964.9  
 Noise: 0.3

**Peak table for sample 2 : NovaSeq136 -2 pool for exome capture**

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	45	10.75	363.1	
4	287	431.56	2,281.1	
5	297	104.34	532.5	
6	306	62.90	311.1	
7	313	121.74	588.6	
8	330	52.40	240.8	
9	336	190.37	858.0	
10	367	412.35	1,701.6	
11	541	10.36	29.0	
12	561	13.89	37.5	
13	603	8.76	22.0	
14	647	7.57	17.7	
15	10,380	75.00	10.9	Upper Marker
16	11,882	0.00	0.0	
17	12,802	0.00	0.0	

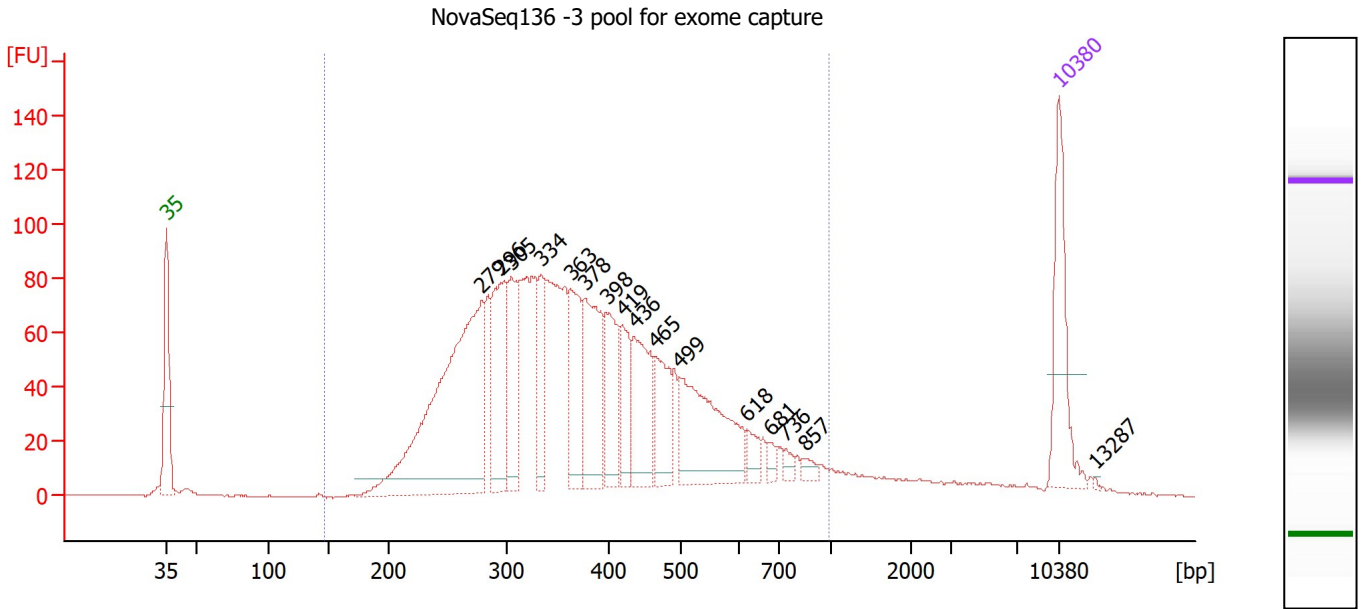
**Region table for sample 2 : NovaSeq136 -2 pool for exome capture**

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
176	1,000	1,964.9	96	361	30.8	1,466.66	6,813.6	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-02-06\_002.xad

Created: 2/6/2020 12:33:32 PM  
 Modified: 2/6/2020 1:14:30 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : NovaSeq136 -3 pool for exome capture**

Number of peaks found: 16      Corr. Area 1: 2,269.6  
 Noise: 0.3

**Peak table for sample 3 : NovaSeq136 -3 pool for exome capture**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	279	423.90	2,298.7	
3	296	118.23	605.1	
4	305	94.19	467.9	
5	334	60.45	274.1	
6	363	88.01	367.7	
7	378	126.30	506.8	
8	398	73.90	281.5	
9	419	52.35	189.4	
10	436	92.75	322.5	
11	465	63.63	207.5	
12	499	152.45	463.3	
13	618	16.62	40.7	
14	681	8.57	19.1	
15	736	7.76	16.0	
16	857	7.65	13.5	
17	10,380	75.00	10.9	Upper Marker
18	13,287	0.00	0.0	

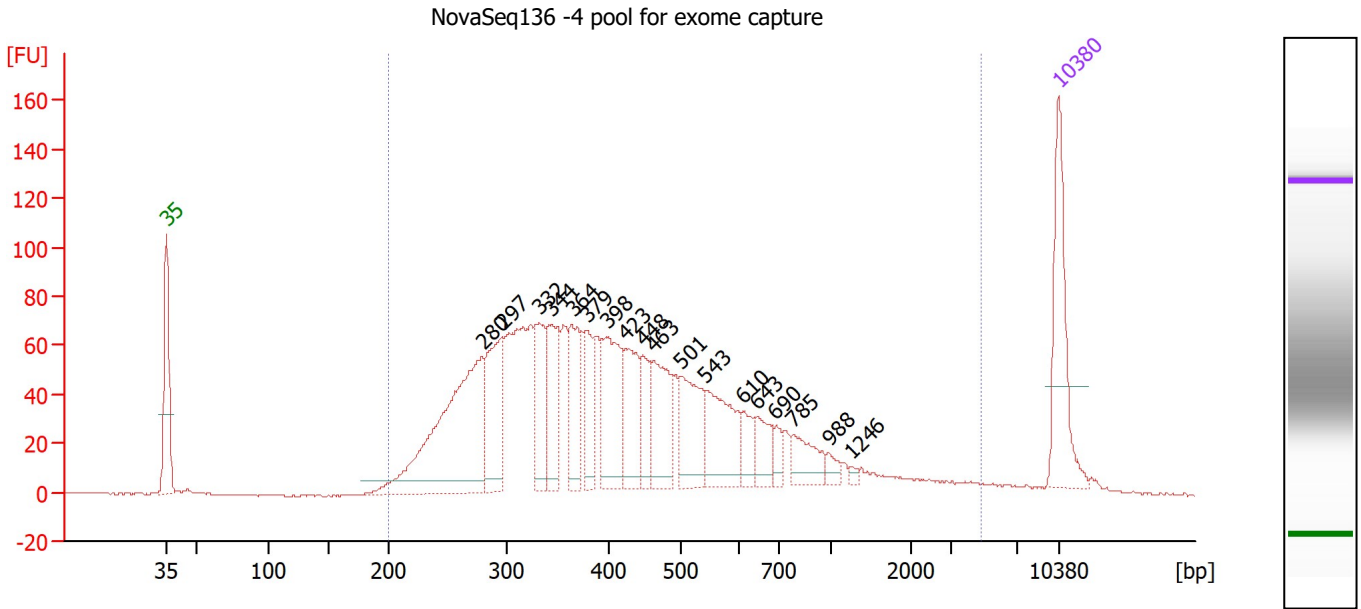
**Region table for sample 3 : NovaSeq136 -3 pool for exome capture**

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
147	993	2,269.6	94	393	34.5	1,958.22	8,649.3	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-02-06\_002.xad

Created: 2/6/2020 12:33:32 PM  
 Modified: 2/6/2020 1:14:30 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : NovaSeq136 -4 pool for exome capture**

Number of peaks found: 18                      Corr. Area 1: 2,212.0  
 Noise: 0.3

**Peak table for sample 4 : NovaSeq136 -4 pool for exome capture**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	280	266.95	1,446.3	
3	297	105.83	539.7	
4	332	67.96	310.4	
5	344	68.78	303.1	
6	364	64.61	268.7	
7	379	48.40	193.5	
8	398	92.95	354.2	
9	423	67.18	240.4	
10	448	39.44	133.5	
11	463	72.37	236.8	
12	501	71.10	214.9	
13	543	79.59	222.1	
14	610	21.13	52.5	
15	643	28.72	67.7	
16	690	12.85	28.2	
17	785	32.50	62.7	
18	988	8.49	13.0	
19	1,246	2.99	3.6	
20	10,380	75.00	10.9	Upper Marker

**Region table for sample 4 : NovaSeq136 -4 pool for exome capture**

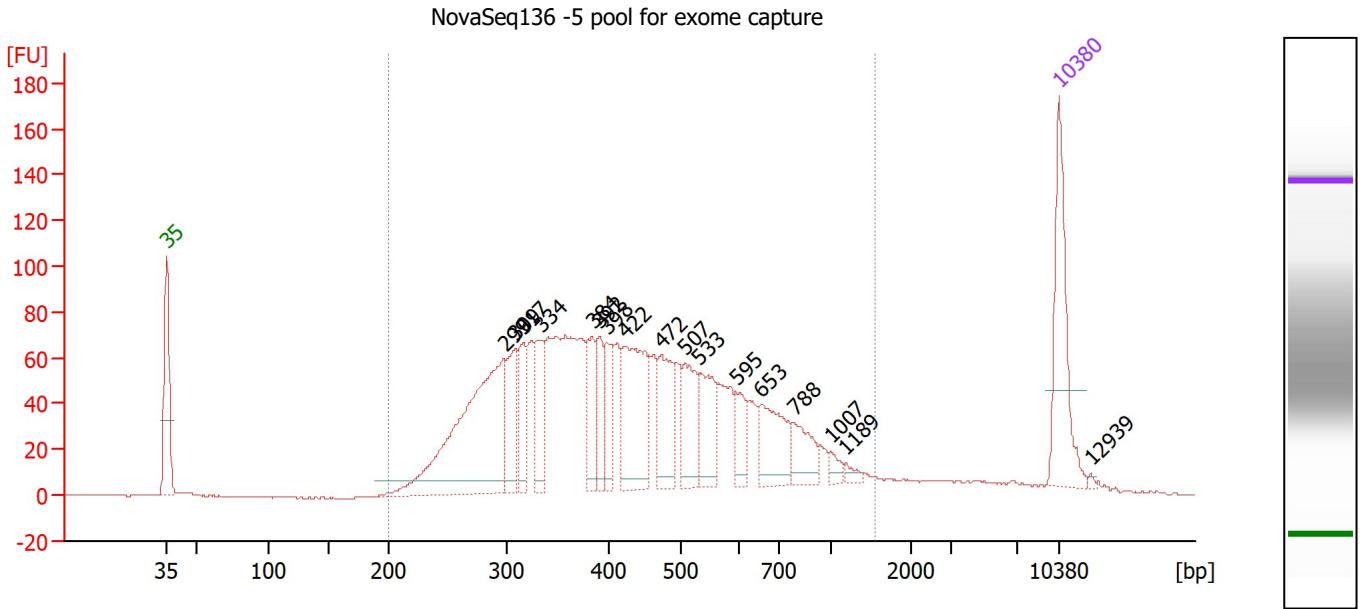
From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	4,858	2,212.0	97	525	91.2	1,623.49	6,577.4	Blue



Assay Class: High Sensitivity DNA Assay  
 Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-02-06\_002.xad

Created: 2/6/2020 12:33:32 PM  
 Modified: 2/6/2020 1:14:30 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 5 : NovaSeq136 -5 pool for exome capture**

Number of peaks found: 17                      Corr. Area 1: 2,181.5  
 Noise: 0.3

**Peak table for sample 5 : NovaSeq136 -5 pool for exome capture**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	299	272.87	1,384.8	
3	309	62.75	307.2	
4	317	48.21	230.5	
5	334	54.19	245.7	
6	384	48.33	190.6	
7	392	41.31	159.8	
8	398	36.74	139.7	
9	422	118.70	425.7	
10	472	63.64	204.4	
11	507	56.86	169.8	
12	533	54.32	154.4	
13	595	26.74	68.1	
14	653	59.17	137.3	
15	788	32.63	62.7	
16	1,007	7.77	11.7	
17	1,189	5.53	7.1	
18	10,380	75.00	10.9	Upper Marker
19	12,939	0.00	0.0	

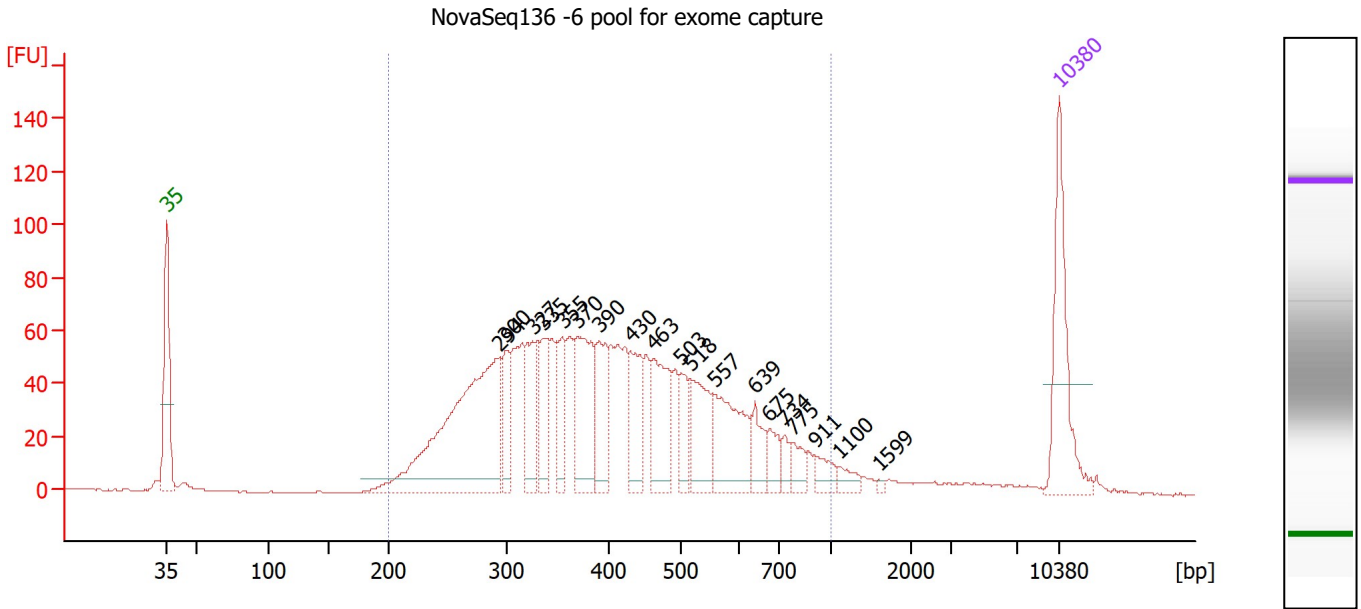
**Region table for sample 5 : NovaSeq136 -5 pool for exome capture**

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,563	2,181.5	94	468	43.6	1,521.58	5,937.7	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-02-06\_002.xad

Created: 2/6/2020 12:33:32 PM  
 Modified: 2/6/2020 1:14:30 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 6 : NovaSeq136 -6 pool for exome capture**

Number of peaks found: 19                      Corr. Area 1: 1,765.8  
 Noise: 0.2

**Peak table for sample 6 : NovaSeq136 -6 pool for exome capture**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	294	295.30	1,522.7	
3	300	42.30	213.7	
4	327	51.95	240.8	
5	335	49.06	221.8	
6	355	40.55	173.0	
7	370	96.20	394.3	
8	390	58.64	227.6	
9	430	54.72	192.6	
10	463	71.76	235.0	
11	503	29.87	90.1	
12	518	60.44	176.9	
13	557	80.31	218.5	
14	639	24.72	58.6	
15	675	20.25	45.4	
16	734	10.26	21.2	
17	775	16.66	32.6	
18	911	15.47	25.7	
19	1,100	10.08	13.9	
20	1,599	1.95	1.8	
21	10,380	75.00	10.9	Upper Marker

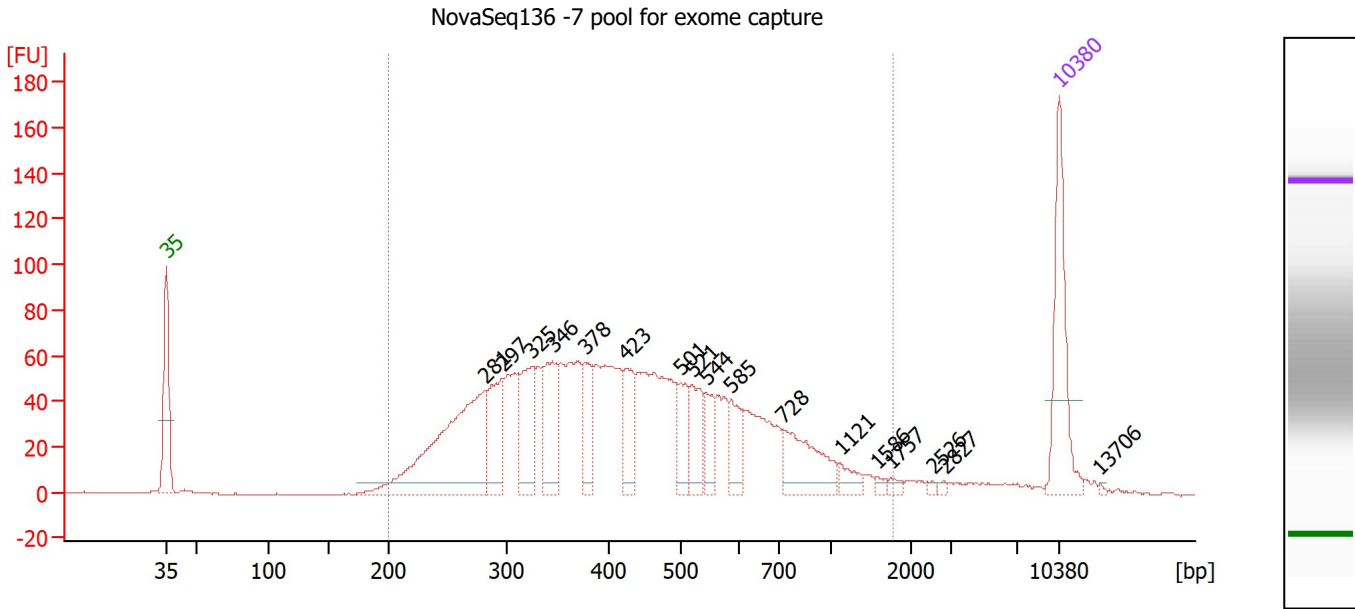
**Region table for sample 6 : NovaSeq136 -6 pool for exome capture**

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	1,765.8	93	425	34.6	1,363.00	5,617.6	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-02-06\_002.xad

Created: 2/6/2020 12:33:32 PM  
 Modified: 2/6/2020 1:14:30 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 7 : NovaSeq136 -7 pool for exome capture**

Number of peaks found: 17      Corr. Area 1: 1,921.8  
 Noise: 0.3

**Peak table for sample 7 : NovaSeq136 -7 pool for exome capture**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	281	230.22	1,239.5	
3	297	70.20	358.1	
4	325	71.04	330.9	
5	346	73.62	322.7	
6	378	41.21	165.4	
7	423	46.48	166.3	
8	501	36.74	111.1	
9	521	42.09	122.5	
10	544	25.94	72.3	
11	585	29.24	75.7	
12	728	63.44	132.1	
13	1,121	11.58	15.6	
14	1,586	3.59	3.4	
15	1,757	4.23	3.7	
16	2,526	1.98	1.2	
17	2,827	1.94	1.0	
18	10,380	75.00	10.9	Upper Marker
19	13,706	0.00	0.0	

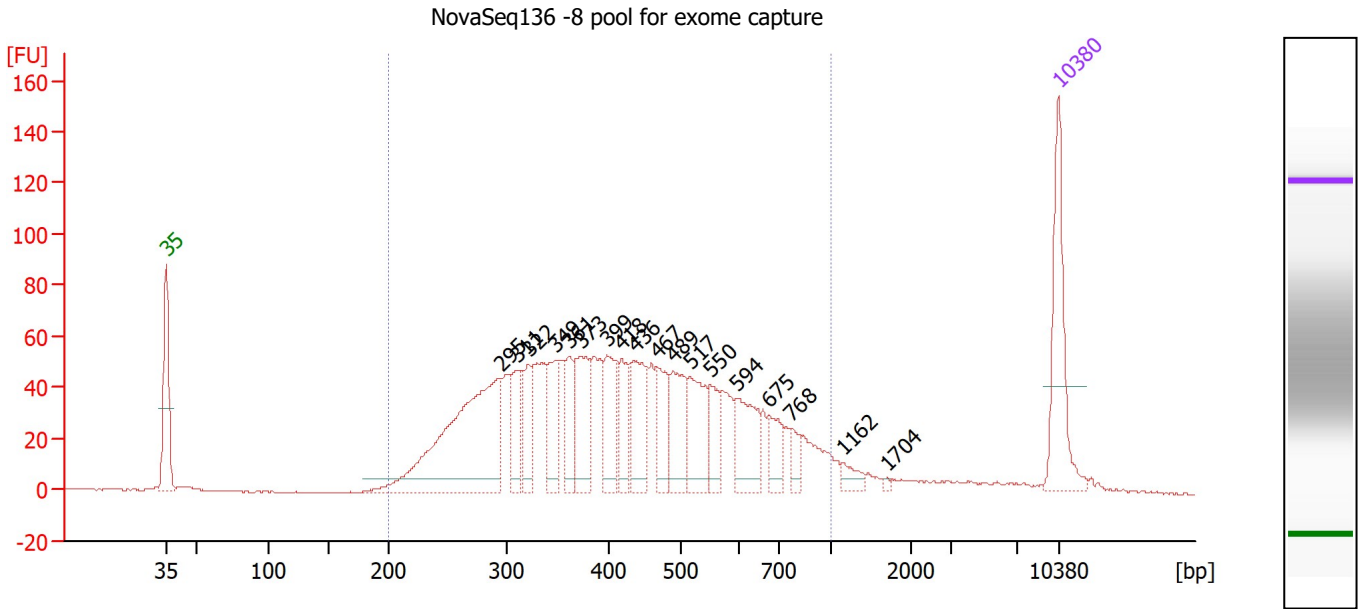
**Region table for sample 7 : NovaSeq136 -7 pool for exome capture**

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,783	1,921.8	94	470	49.1	1,366.84	5,464.5	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-02-06\_002.xad

Created: 2/6/2020 12:33:32 PM  
 Modified: 2/6/2020 1:14:30 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 8 : NovaSeq136 -8 pool for exome capture**

Number of peaks found: 18                      Corr. Area 1: 1,705.6  
 Noise: 0.3

**Peak table for sample 8 : NovaSeq136 -8 pool for exome capture**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	295	273.53	1,405.9	
3	311	47.29	230.1	
4	322	38.94	183.4	
5	349	49.95	217.2	
6	361	40.79	171.0	
7	373	71.38	290.0	
8	399	56.40	214.4	
9	418	43.65	158.2	
10	436	67.93	235.9	
11	467	43.99	142.6	
12	489	59.52	184.3	
13	517	63.75	186.8	
14	550	34.03	93.7	
15	594	53.53	136.5	
16	675	26.69	59.9	
17	768	14.10	27.8	
18	1,162	10.90	14.2	
19	1,704	2.13	1.9	
20	10,380	75.00	10.9	Upper Marker

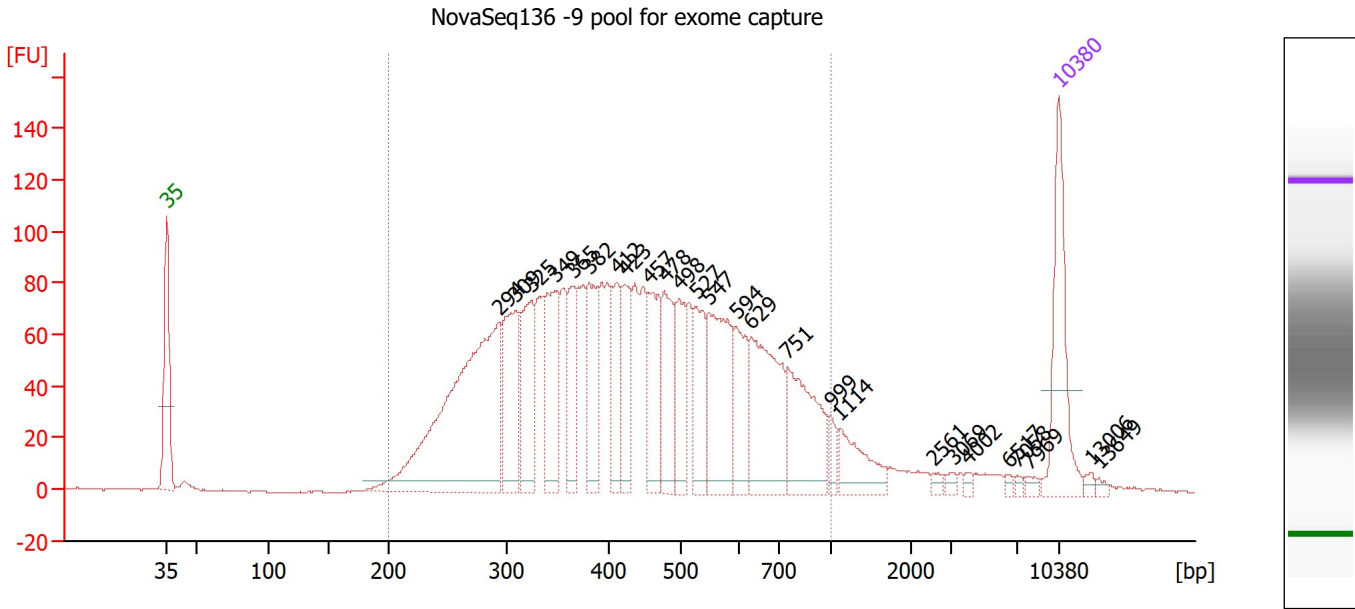
**Region table for sample 8 : NovaSeq136 -8 pool for exome capture**

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	1,705.6	91	443	35.5	1,361.88	5,463.2	Blue

Assay Class: High Sensitivity DNA Assay  
 Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-02-06\_002.xad

Created: 2/6/2020 12:33:32 PM  
 Modified: 2/6/2020 1:14:30 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 9 : NovaSeq136 -9 pool for exome capture**

Number of peaks found: 26                      Corr. Area 1: 2,635.4  
 Noise: 0.2

**Peak table for sample 9 : NovaSeq136 -9 pool for exome capture**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	294	365.30	1,883.1	
3	309	106.53	522.0	
4	325	87.25	407.1	
5	349	96.43	419.0	
6	365	58.14	241.4	
7	382	72.57	288.1	
8	412	54.11	199.1	
9	423	57.09	204.6	
10	457	74.97	248.6	
11	478	69.22	219.4	
12	498	56.63	172.2	
13	527	61.29	176.2	
14	547	113.45	314.2	
15	594	56.01	142.9	
16	629	121.53	292.5	
17	751	92.68	187.1	
18	999	13.16	20.0	
19	1,114	40.74	55.4	
20	2,561	4.09	2.4	
21	3,069	3.61	1.8	
22	4,002	3.47	1.3	
23	6,517	2.74	0.6	
24	7,058	2.58	0.6	
25	7,969	3.87	0.7	
26	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay  
 Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-02-06\_002.xad

Created: 2/6/2020 12:33:32 PM  
 Modified: 2/6/2020 1:14:30 PM

**Electropherogram Summary Continued ...**

**... Peak table for sample 9 : NovaSeq136 -9 pool for exome capture**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	13,006	0.00	0.0	
28	13,649	0.00	0.0	

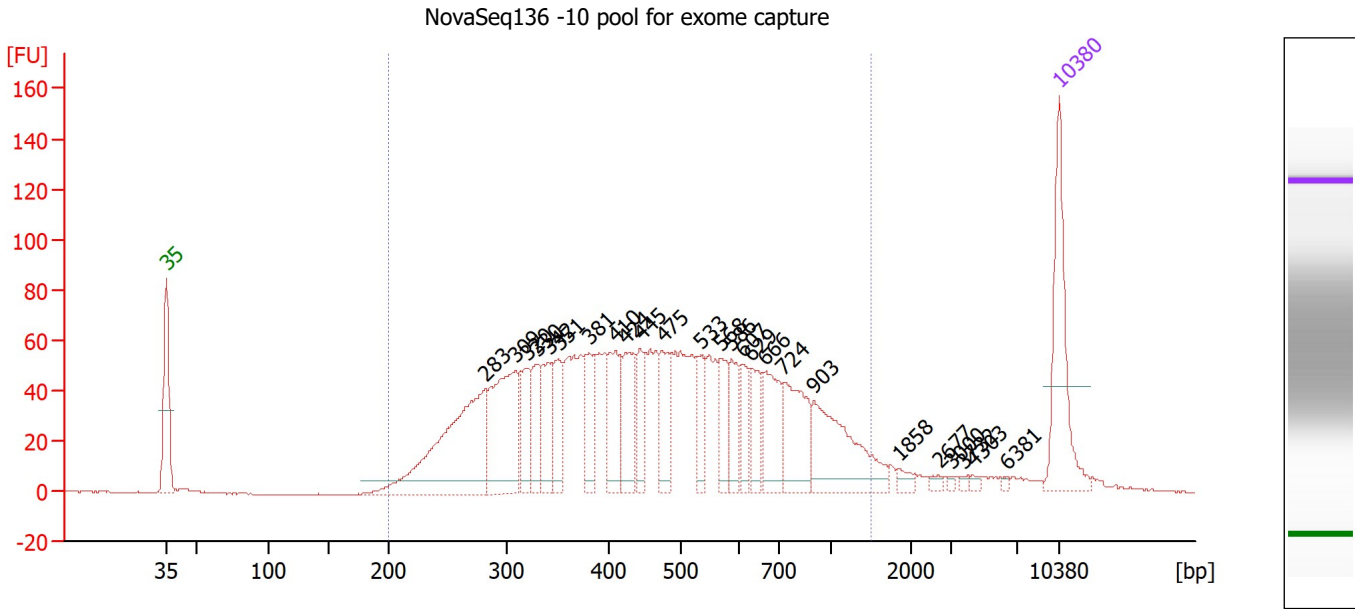
**Region table for sample 9 : NovaSeq136 -9 pool for exome capture**

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	2,635.4	91	454	35.8	1,959.31	7,704.9	<span style="color: blue;">■</span>

Assay Class: High Sensitivity DNA Assay  
 Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-02-06\_002.xad

Created: 2/6/2020 12:33:32 PM  
 Modified: 2/6/2020 1:14:30 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 10 : NovaSeq136 -10 pool for exome capture**

Number of peaks found: 25                      Corr. Area 1: 2,015.3  
 Noise: 0.2

**Peak table for sample 10 : NovaSeq136 -10 pool for exome capture**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	283	212.81	1,140.6	
3	309	131.13	642.1	
4	320	47.14	222.9	
5	330	38.53	176.8	
6	342	49.65	220.0	
7	351	40.92	176.6	
8	381	40.18	159.8	
9	410	57.70	213.3	
10	424	57.01	203.8	
11	445	38.02	129.4	
12	475	47.49	151.6	
13	533	30.99	88.0	
14	568	33.09	88.3	
15	586	35.85	92.7	
16	607	28.16	70.3	
17	629	33.12	79.7	
18	666	55.44	126.0	
19	724	70.45	147.4	
20	903	92.72	155.5	
21	1,858	6.38	5.2	
22	2,677	3.57	2.0	
23	3,000	2.10	1.1	
24	3,732	2.33	0.9	
25	4,303	2.86	1.0	
26	6,381	1.92	0.5	

Assay Class: High Sensitivity DNA Assay  
 Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-02-06\_002.xad

Created: 2/6/2020 12:33:32 PM  
 Modified: 2/6/2020 1:14:30 PM

**Electropherogram Summary Continued ...**

**... Peak table for sample 10 : NovaSeq136 -10 pool for exome capture**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
27	10,380	75.00	10.9	Upper Marker

**Region table for sample 10 : NovaSeq136 -10 pool for exome capture**

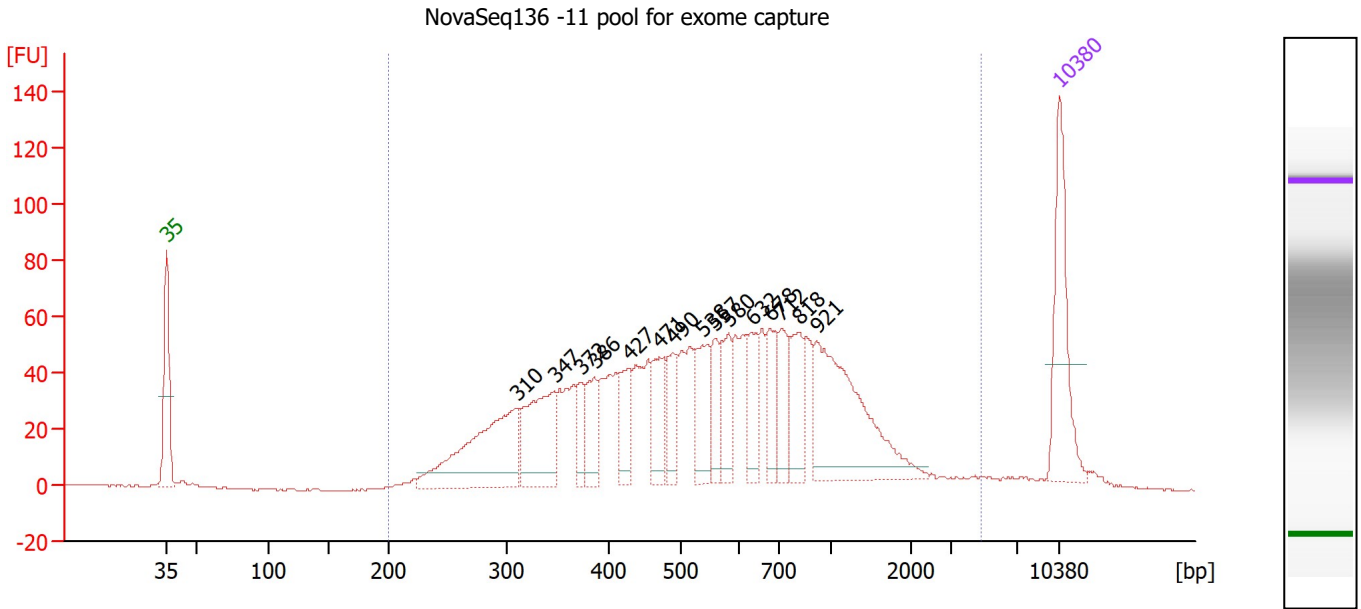
From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	1,520	2,015.3	92	508	46.4	1,528.98	5,738.7	■



Assay Class: High Sensitivity DNA Assay  
 Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-02-06\_002.xad

Created: 2/6/2020 12:33:32 PM  
 Modified: 2/6/2020 1:14:30 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 11 : NovaSeq136 -11 pool for exome capture**

Number of peaks found: 15                      Corr. Area 1: 1,769.1  
 Noise: 0.3

**Peak table for sample 11 : NovaSeq136 -11 pool for exome capture**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	310	165.79	809.9	
3	347	99.43	434.3	
4	372	27.61	112.3	
5	386	40.16	157.5	
6	427	39.54	140.2	
7	471	46.52	149.6	
8	490	40.10	124.0	
9	538	53.93	152.0	
10	557	35.33	96.2	
11	580	39.60	103.4	
12	632	39.79	95.4	
13	678	38.31	85.6	
14	712	42.39	90.2	
15	818	45.43	84.1	
16	921	160.54	264.2	
17	10,380	75.00	10.9	Upper Marker

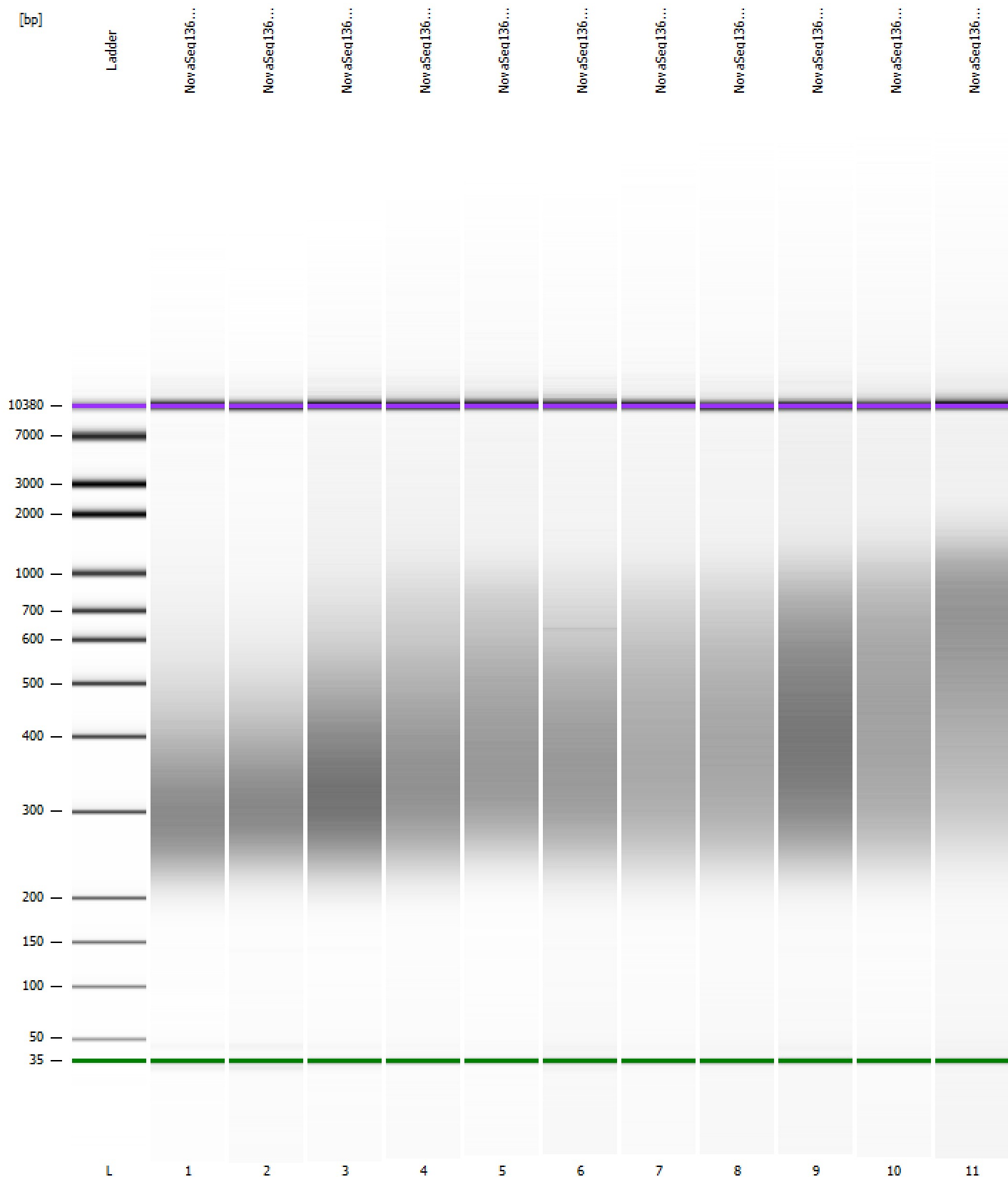
**Region table for sample 11 : NovaSeq136 -11 pool for exome capture**

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	4,782	1,769.1	96	692	74.4	1,401.39	4,462.6	Blue

Assay Class: High Sensitivity DNA Assay  
Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-02-06\_002.xad

Created: 2/6/2020 12:33:32 PM  
Modified: 2/6/2020 1:14:30 PM

**Gel Image**



Assay Class: High Sensitivity DNA Assay  
 Data Path: Z:\...\Bioanalyzer1\_High Sensitivity DNA Assay\_2020-02-06\_002.xad

Created: 2/6/2020 12:33:32 PM  
 Modified: 2/6/2020 1:14:30 PM

**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		2/6/2020 1:14:00 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Run started on port 1 (File: Z:\XADs\2020-02-06\Bioanalyze r1_High Sensitivity DNA Assay_2020-02-06_002.xad)		Instrument	Run		2/6/2020 12:33:38 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		2/6/2020 12:33:38 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		2/6/2020 12:33:38 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		2/6/2020 12:33:38 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		2/6/2020 12:33:38 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		2/6/2020 12:33:38 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		2/6/2020 12:33:38 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB