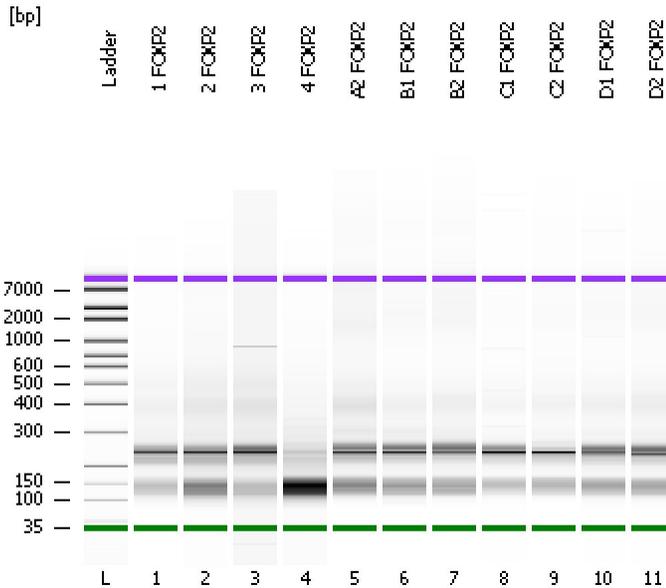


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-09\2018-04-09\_004.xad

Created: 4/9/2018 12:52:16 PM  
Modified: 4/10/2018 12:51:07 PM

### Electrophoresis File Run Summary



#### Instrument Information:

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

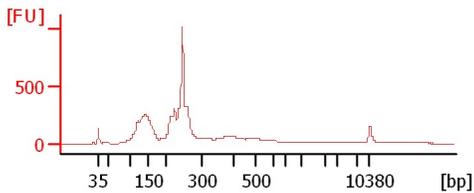
#### Assay Information:

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

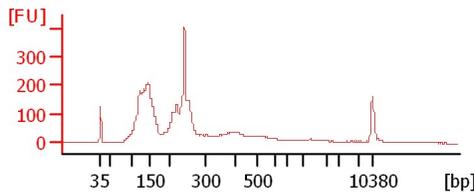
#### Chip Information:

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

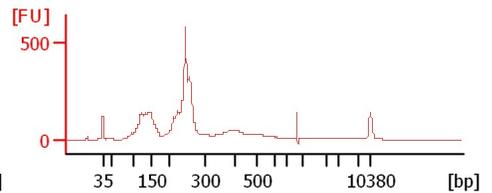
1 FOXP2



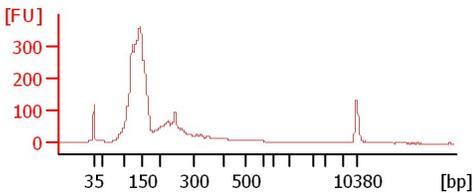
2 FOXP2



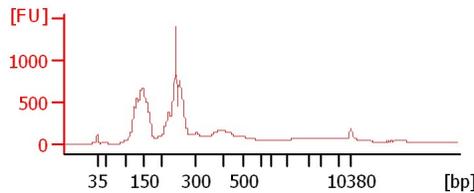
3 FOXP2



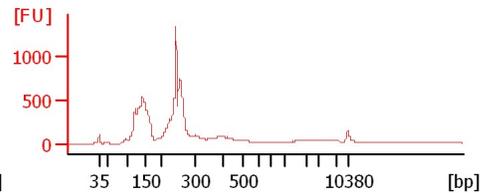
4 FOXP2



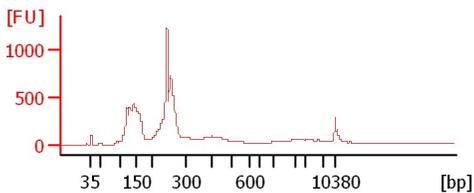
A2 FOXP2



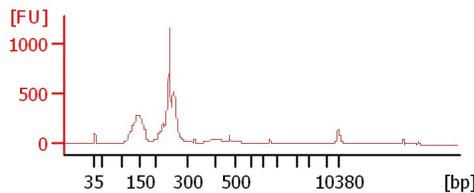
B1 FOXP2



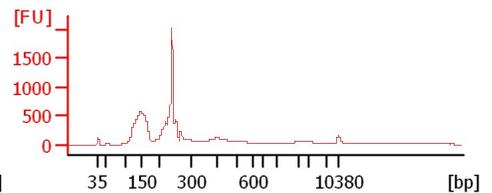
B2 FOXP2



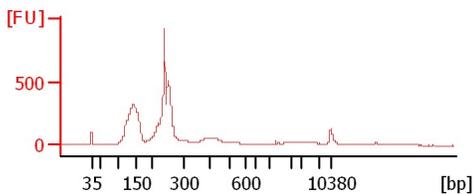
C1 FOXP2



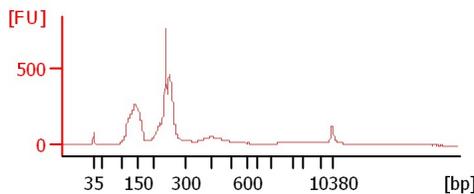
C2 FOXP2



D1 FOXP2



D2 FOXP2



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-09\2018-04-09\_004.xad

Created: 4/9/2018 12:52:16 PM  
 Modified: 4/10/2018 12:51:07 PM

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

Sample Name	Sample Comment	Rest. Digest	Status	Observation	Result Label	Result Color
1 FOXP2		<input type="checkbox"/>	✓			
2 FOXP2		<input type="checkbox"/>	✓			
3 FOXP2		<input type="checkbox"/>	✓			
4 FOXP2		<input type="checkbox"/>	✓			
A2 FOXP2		<input type="checkbox"/>	✓			
B1 FOXP2		<input type="checkbox"/>	✓			
B2 FOXP2		<input type="checkbox"/>	✓			
C1 FOXP2		<input type="checkbox"/>	✓			
C2 FOXP2		<input type="checkbox"/>	✓			
D1 FOXP2		<input type="checkbox"/>	✓			
D2 FOXP2		<input type="checkbox"/>	✓			
Ladder		<input type="checkbox"/>	✓			

**Chip Lot #**

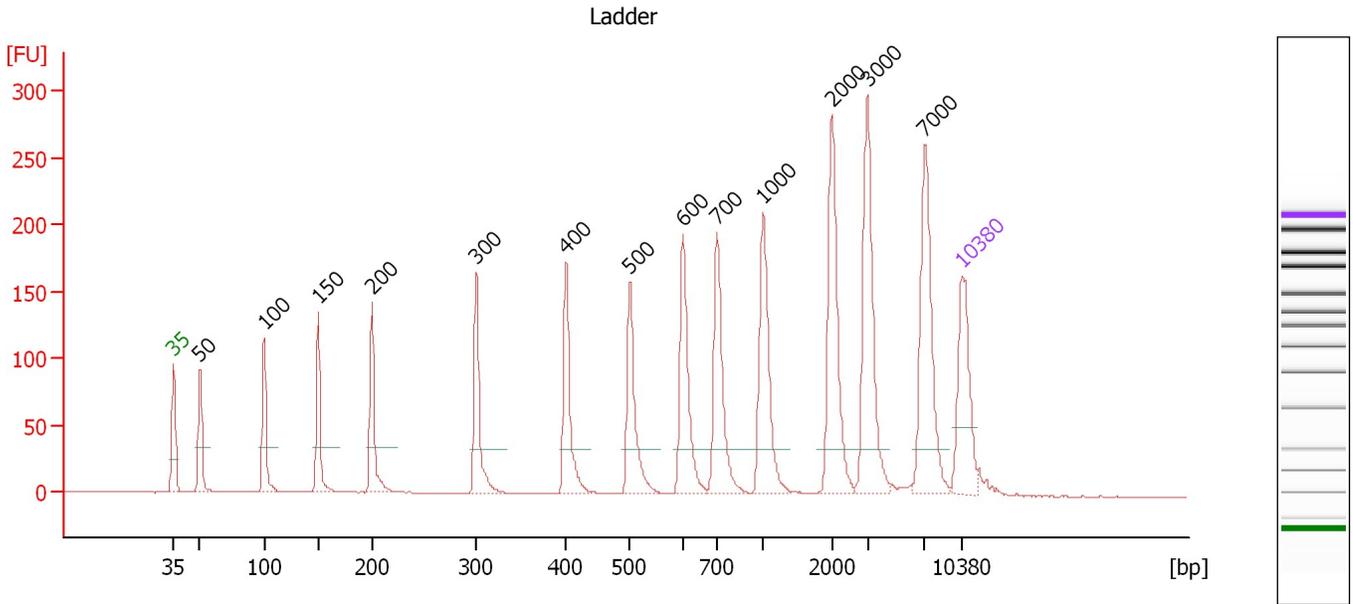
**Reagent Kit Lot #**

**Chip Comments :**

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-09\2018-04-09\_004.xad

Created: 4/9/2018 12:52:16 PM  
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**Electropherogram Summary**



**Overall Results for Ladder**

Noise: 0.3

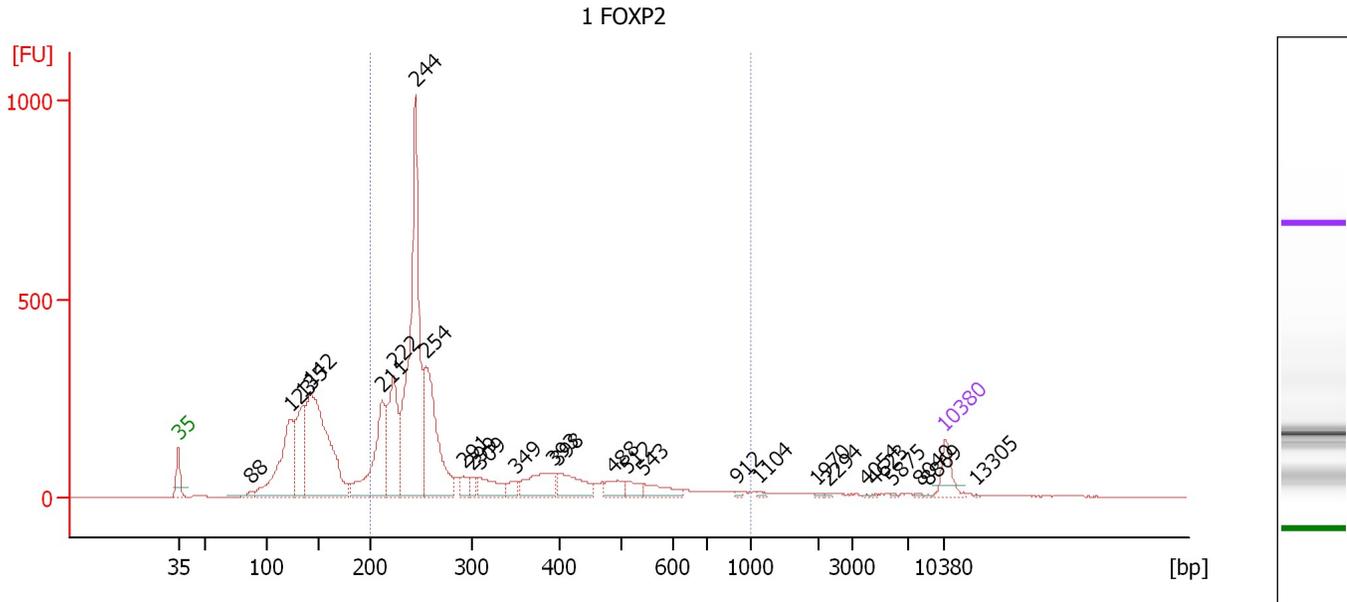
**Peak table for Ladder**

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	45.35
3	100	150.00	2,272.7	Ladder Peak	51.05
4	150	150.00	1,515.2	Ladder Peak	55.85
5	200	150.00	1,136.4	Ladder Peak	60.61
6	300	150.00	757.6	Ladder Peak	69.88
7	400	150.00	568.2	Ladder Peak	77.84
8	500	150.00	454.5	Ladder Peak	83.48
9	600	150.00	378.8	Ladder Peak	88.19
10	700	150.00	324.7	Ladder Peak	91.20
11	1,000	150.00	227.3	Ladder Peak	95.30
12	2,000	150.00	113.6	Ladder Peak	101.42
13	3,000	150.00	75.8	Ladder Peak	104.57
14	7,000	150.00	32.5	Ladder Peak	109.66
15	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-09\2018-04-09\_004.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : 1 FOXP2**

Number of peaks found: 27                      Corr. Area 1: 4,588.6  
 Noise: 0.5

**Peak table for sample 1 : 1 FOXP2**

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	88	29.67	509.9		49.70
3	123	616.74	7,621.8		53.22
4	135	406.74	4,576.8		54.38
5	142	1,234.58	13,202.8		55.05
6	211	492.76	3,541.5		61.61
7	222	492.33	3,356.4		62.67
8	244	1,398.75	8,701.2		64.65
9	254	672.74	4,005.4		65.66
10	291	53.20	276.6		69.08
11	299	38.64	195.7		69.80
12	309	127.85	627.4		70.58
13	349	50.33	218.6		73.76
14	393	179.19	690.9		77.28
15	398	155.30	590.6		77.71
16	488	69.96	217.1		82.82
17	512	50.88	150.7		84.03
18	543	80.61	224.8		85.52
19	912	7.41	12.3		94.10
20	1,104	7.68	10.5		95.93
21	1,970	4.97	3.8		101.24
22	2,294	3.20	2.1		102.35
23	4,054	2.66	1.0		105.91
24	4,623	3.00	1.0		106.64
25	5,875	3.49	0.9		108.23

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-09\2018-04-09\_004.xad

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### Electropherogram Summary Continued ...

#### ... Peak table for sample 1 : 1 FOXP2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	8,040	3.47	0.7		110.69
27	8,869	2.67	0.5		111.51
28	10,380	75.00	10.9	Upper Marker	113.00
29	13,305	0.00	0.0		115.89

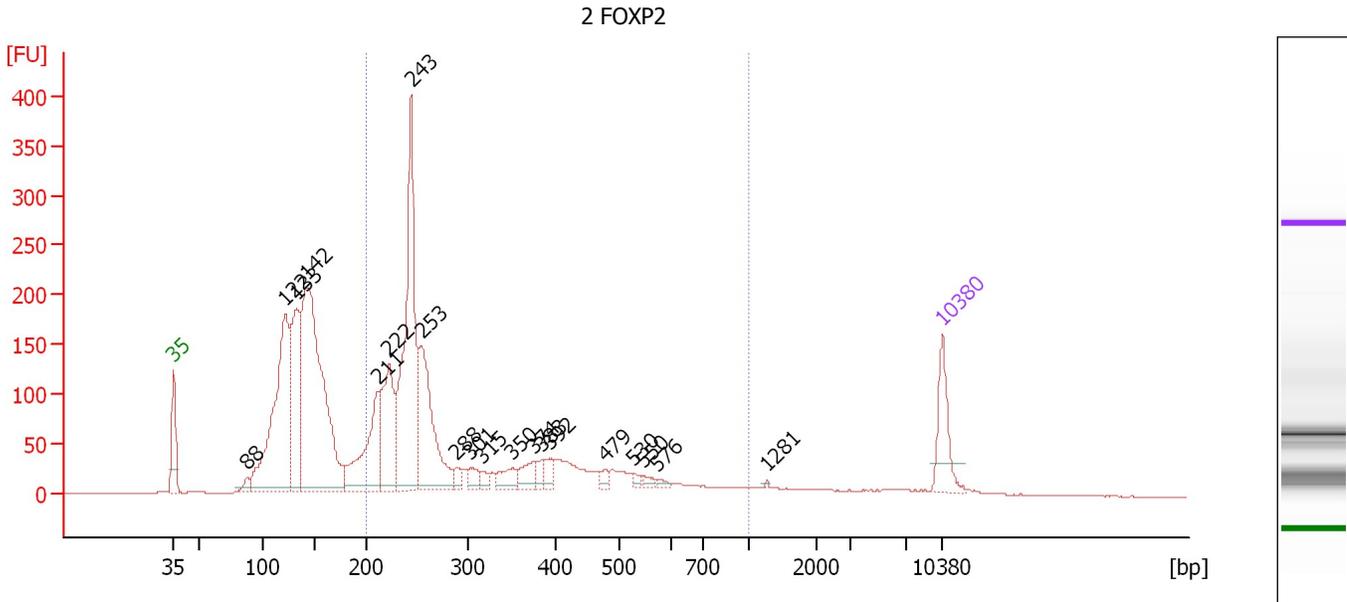
#### Region table for sample 1 : 1 FOXP2

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	307	3,889.61	4,588.6	22,110.6	64	41.5

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-09\2018-04-09\_004.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : 2 FOXP2**

Number of peaks found: 20                      Corr. Area 1: 2,209.8  
 Noise: 0.4

**Peak table for sample 2 : 2 FOXP2**

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	88	20.96	359.9		49.71
3	122	599.14	7,456.5		53.14
4	133	314.66	3,589.9		54.20
5	142	860.28	9,156.3		55.12
6	211	231.58	1,662.2		61.63
7	222	230.69	1,578.0		62.60
8	243	539.29	3,357.5		64.63
9	253	292.77	1,751.5		65.54
10	288	23.03	121.3		68.73
11	301	27.26	137.1		69.99
12	315	16.80	80.7		71.10
13	350	38.19	165.4		73.85
14	374	38.95	158.0		75.73
15	383	19.03	75.2		76.50
16	392	26.83	103.8		77.18
17	479	15.38	48.7		82.30
18	530	8.71	24.9		84.90
19	550	9.87	27.2		85.82
20	576	7.46	19.6		87.08
21	1,281	1.49	1.8		97.02
22	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-09\2018-04-09\_004.xad

Created: 4/9/2018 12:52:16 PM  
Modified: 4/10/2018 12:51:07 PM

**Electropherogram Summary Continued ...**

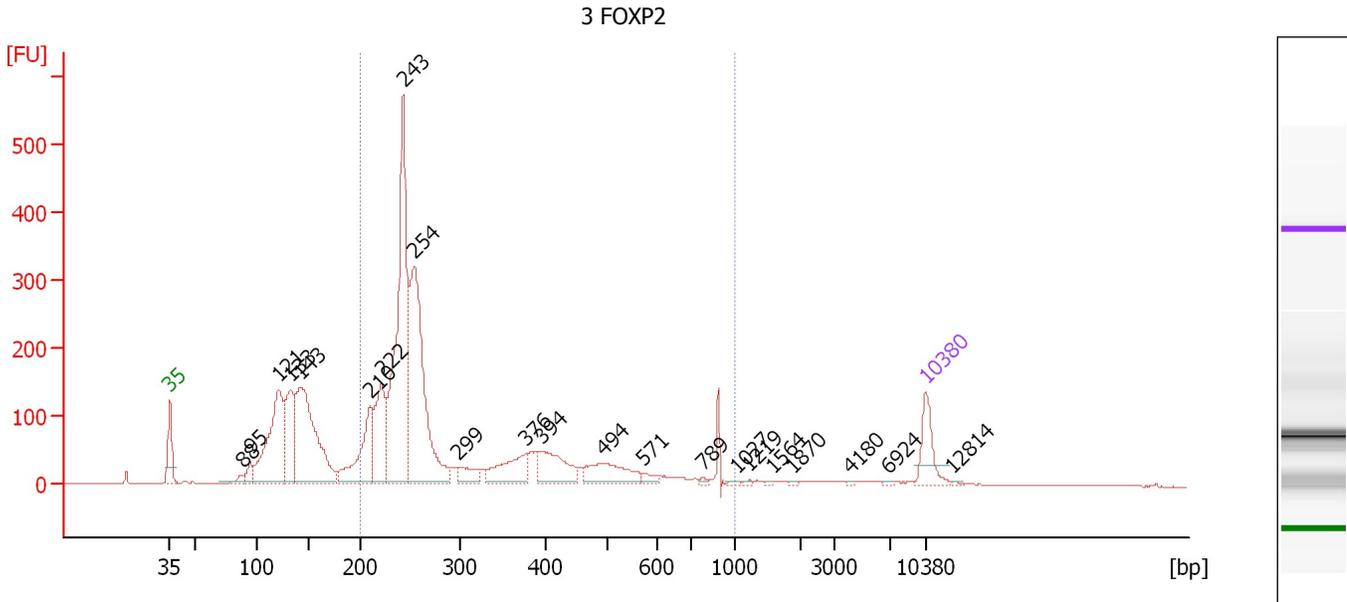
... Region table for sample 2 : 2 FOXP2

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/ $\mu$ l]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	323	1,807.29	2,209.8	9,992.4	 51	42.5

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-09\2018-04-09\_004.xad

Created: 4/9/2018 12:52:16 PM  
 Modified: 4/10/2018 12:51:07 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : 3 FOXP2**

Number of peaks found: 22                      Corr. Area 1: 3,050.0  
 Noise: 0.4

**Peak table for sample 3 : 3 FOXP2**

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	88	25.51	437.1		49.73
3	95	47.61	760.3		50.47
4	121	479.50	6,002.3		53.07
5	133	264.60	3,018.8		54.20
6	143	616.33	6,552.2		55.13
7	210	249.66	1,798.0		61.57
8	222	244.95	1,675.5		62.60
9	243	873.46	5,441.2		64.61
10	254	712.84	4,246.5		65.65
11	299	59.50	301.7		69.77
12	376	133.50	538.2		75.91
13	394	138.62	533.4		77.34
14	494	125.08	383.8		83.13
15	571	18.49	49.1		86.82
16	789	5.60	10.8		92.42
17	1,027	4.28	6.3		95.46
18	1,219	3.44	4.3		96.64
19	1,564	2.49	2.4		98.75
20	1,870	2.71	2.2		100.62
21	4,180	2.19	0.8		106.07
22	6,924	2.42	0.5		109.56
23	10,380	75.00	10.9	Upper Marker	113.00
24	12,814	0.00	0.0		115.41



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-09\2018-04-09\_004.xad

Created: 4/9/2018 12:52:16 PM  
Modified: 4/10/2018 12:51:07 PM

**Electropherogram Summary Continued ...**

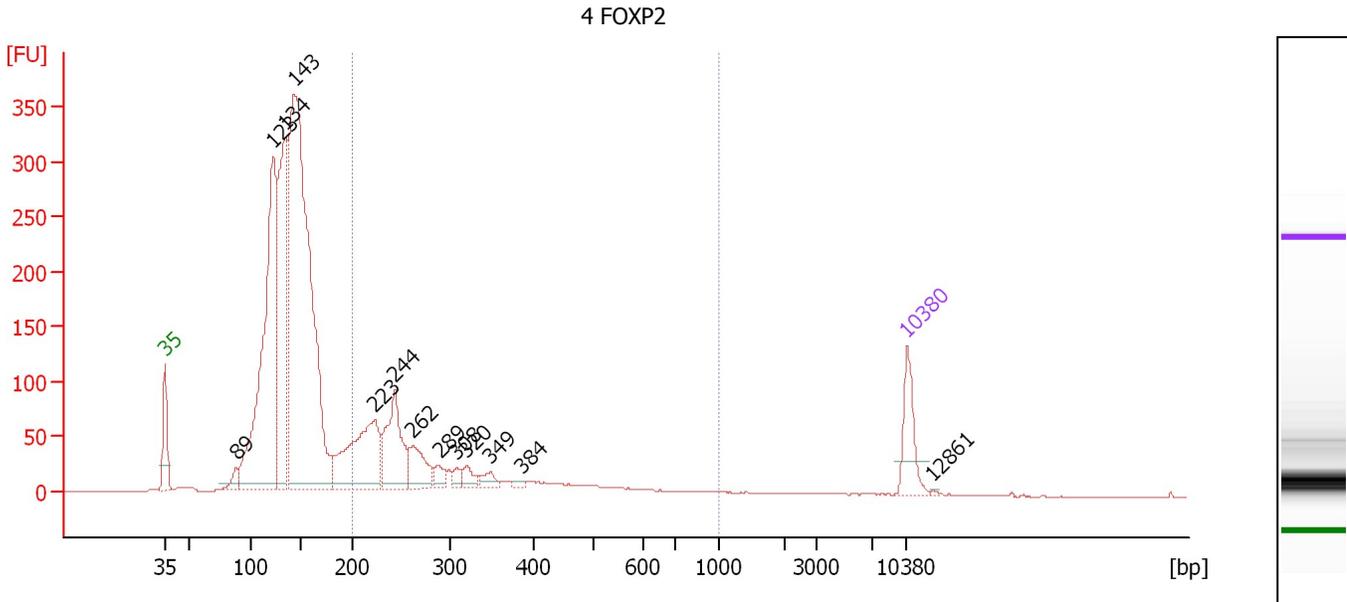
... Region table for sample 3 : 3 FOXP2

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/ $\mu$ l]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	316	2,671.32	3,050.0	14,918.8	 65	43.5

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-09\2018-04-09\_004.xad

Created: 4/9/2018 12:52:16 PM  
 Modified: 4/10/2018 12:51:07 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : 4 FOXP2**

Number of peaks found: 13                      Corr. Area 1: 982.1  
 Noise: 0.2

**Peak table for sample 4 : 4 FOXP2**

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	89	35.72	610.3		49.76
3	123	1,028.08	12,711.4		53.21
4	134	623.41	7,048.3		54.32
5	143	1,733.47	18,382.7		55.17
6	223	336.33	2,280.8		62.78
7	244	220.19	1,367.6		64.68
8	262	103.70	599.0		66.38
9	289	30.07	157.5		68.89
10	308	20.09	98.8		70.54
11	320	29.10	137.7		71.49
12	349	25.24	109.7		73.74
13	384	8.28	32.6		76.60
14	10,380	75.00	10.9	Upper Marker	113.00
15	12,861	0.00	0.0		115.45

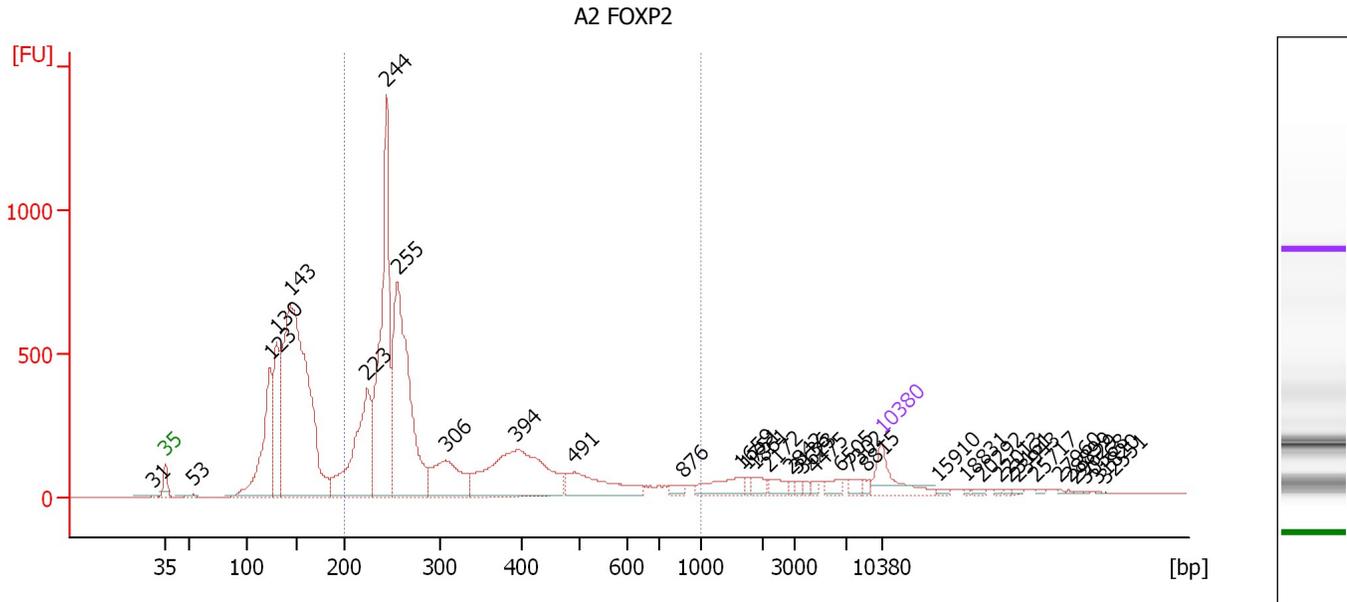
**Region table for sample 4 : 4 FOXP2**

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	308	912.17	982.1	5,117.3	23	39.9

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-09\2018-04-09\_004.xad

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 Modified: 4/10/2018 12:51:07 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 5 : A2 FOXP2**

Number of peaks found: 36                      Corr. Area 1: 7,837.9  
 Noise: 0.4

**Peak table for sample 5 : A2 FOXP2**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
1	31	0.00	0.0		41.92
2	35	125.00	5,411.3	Lower Marker	43.00
3	53	12.29	349.2		45.73
4	123	453.28	5,580.4		53.27
5	130	315.07	3,685.9		53.88
6	143	1,613.67	17,104.1		55.17
7	223	476.42	3,234.2		62.76
8	244	801.52	4,981.8		64.67
9	255	832.91	4,950.9		65.70
10	306	214.50	1,060.6		70.39
11	394	460.68	1,771.7		77.36
12	491	164.80	508.5		82.98
13	876	18.01	31.2		93.60
14	1,659	60.39	55.2		99.33
15	1,751	10.82	9.4		99.90
16	1,861	22.33	18.2		100.57
17	2,172	24.92	17.4		101.96
18	2,842	7.68	4.1		104.08
19	3,136	7.40	3.6		104.75
20	3,623	8.24	3.4		105.37
21	4,475	8.20	2.8		106.45
22	6,505	20.37	4.7		109.03
23	7,302	17.34	3.6		109.96
24	8,815	8.03	1.4		111.45
25	10,380	75.00	10.9	Upper Marker	113.00

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-09\2018-04-09\_004.xad

Created: 4/9/2018 12:52:16 PM  
 Modified: 4/10/2018 12:51:07 PM

### Electropherogram Summary Continued ...

#### ... Peak table for sample 5 : A2 FOXP2

Peak	Size [bp]	Conc. [pg/ $\mu$ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	15,910	0.00	0.0		118.47
27	18,831	0.00	0.0		121.36
28	20,292	0.00	0.0		122.80
29	22,013	0.00	0.0		124.50
30	23,161	0.00	0.0		125.64
31	23,943	0.00	0.0		126.41
32	25,717	0.00	0.0		128.17
33	27,960	0.00	0.0		130.38
34	28,899	0.00	0.0		131.31
35	29,629	0.00	0.0		132.03
36	30,568	0.00	0.0		132.96
37	31,820	0.00	0.0		134.20
38	32,551	0.00	0.0		134.92

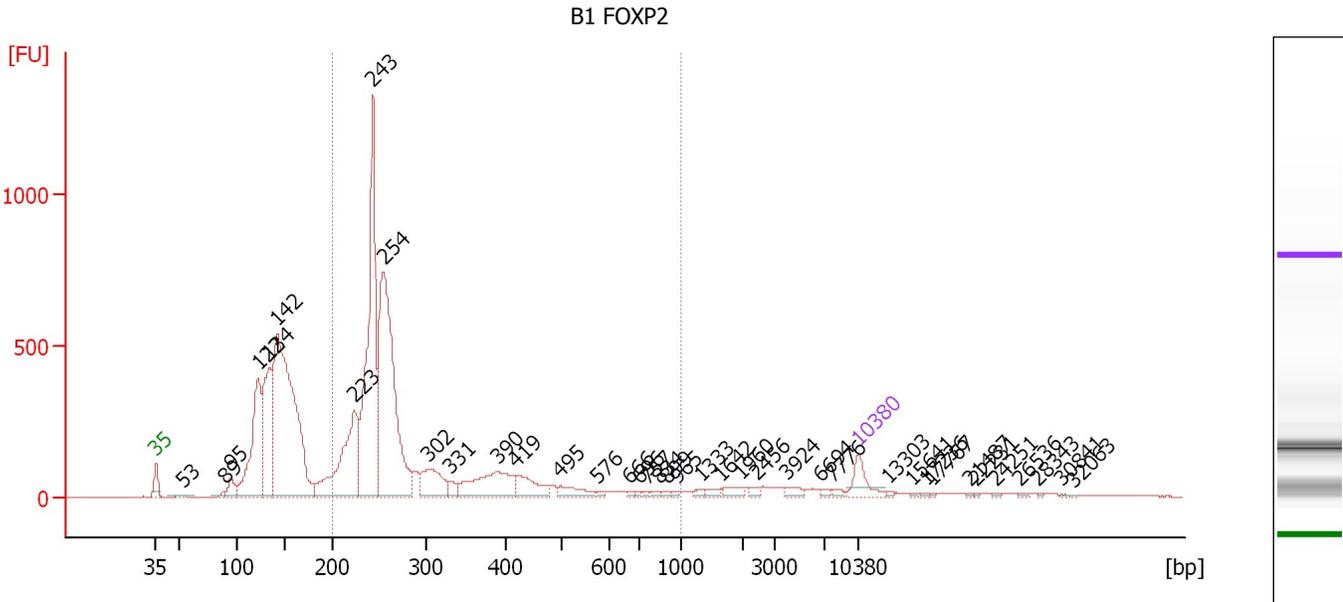
#### Region table for sample 5 : A2 FOXP2

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/ $\mu$ l]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	323	2,931.91	7,837.9	15,933.4	55	41.3

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-09\2018-04-09\_004.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 6 : B1 FOXP2**

Number of peaks found: 39                      Corr. Area 1: 6,045.0  
 Noise: 0.6

**Peak table for sample 6 : B1 FOXP2**

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	53	21.09	604.3		45.68
3	89	21.15	360.7		49.78
4	95	79.66	1,272.6		50.46
5	122	714.27	8,846.1		53.20
6	134	603.10	6,827.8		54.30
7	142	1,910.20	20,376.0		55.09
8	223	656.56	4,456.4		62.76
9	243	1,211.97	7,555.0		64.60
10	254	1,398.69	8,330.5		65.65
11	302	210.55	1,055.2		70.06
12	331	37.55	172.0		72.32
13	390	290.66	1,130.6		77.00
14	419	128.18	463.8		78.89
15	495	72.15	220.8		83.20
16	576	8.31	21.9		87.04
17	666	7.44	16.9		90.19
18	696	7.02	15.3		91.09
19	757	6.81	13.6		91.98
20	834	9.36	17.0		93.03
21	899	9.58	16.1		93.92
22	965	7.42	11.7		94.82
23	1,333	12.83	14.6		97.34
24	1,642	19.36	17.9		99.23
25	1,960	28.65	22.1		101.18

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-09\2018-04-09\_004.xad

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**Electropherogram Summary Continued ...**

**... Peak table for sample 6 : B1 FOXP2**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	2,456	16.84	10.4		102.86
27	3,924	22.49	8.7		105.75
28	6,694	9.54	2.2		109.27
29	7,776	10.10	2.0		110.42
30	10,380	75.00	10.9	Upper Marker	113.00
31	13,303	0.00	0.0		115.89
32	15,641	0.00	0.0		118.20
33	17,236	0.00	0.0		119.78
34	17,767	0.00	0.0		120.30
35	21,487	0.00	0.0		123.98
36	22,231	0.00	0.0		124.72
37	24,251	0.00	0.0		126.72
38	26,536	0.00	0.0		128.98
39	28,343	0.00	0.0		130.76
40	30,841	0.00	0.0		133.23
41	32,063	0.00	0.0		134.44

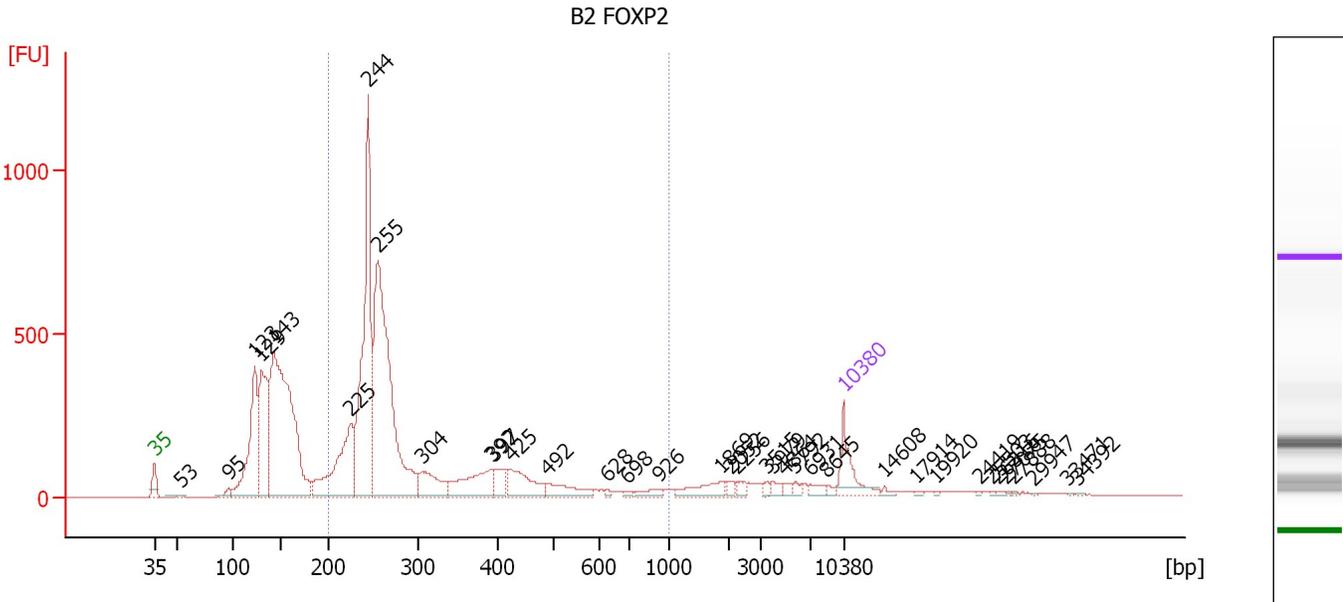
**Region table for sample 6 : B1 FOXP2**

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	299	4,050.57	6,045.0	22,900.9	55	38.4

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-09\2018-04-09\_004.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 7 : B2 FOXP2**

Number of peaks found: 36                      Corr. Area 1: 5,764.6  
 Noise: 0.4

**Peak table for sample 7 : B2 FOXP2**

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	53	7.61	216.1		45.73
3	95	23.76	378.1		50.50
4	123	414.89	5,119.9		53.24
5	129	393.19	4,601.1		53.88
6	143	1,100.74	11,673.2		55.17
7	225	352.61	2,372.8		62.94
8	244	756.87	4,695.5		64.71
9	255	986.77	5,858.4		65.73
10	304	115.15	573.2		70.23
11	392	143.45	554.5		77.20
12	397	53.69	205.1		77.57
13	425	110.70	394.9		79.23
14	492	66.94	206.1		83.04
15	628	5.39	13.0		89.04
16	698	7.31	15.9		91.13
17	926	18.94	31.0		94.29
18	1,869	47.53	38.5		100.62
19	2,052	11.24	8.3		101.58
20	2,256	13.57	9.1		102.23
21	3,515	9.42	4.1		105.23
22	3,979	12.93	4.9		105.82
23	4,864	10.73	3.3		106.94
24	5,792	10.94	2.9		108.12
25	6,931	16.85	3.7		109.57

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-09\2018-04-09\_004.xad

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**Electropherogram Summary Continued ...**

**... Peak table for sample 7 : B2 FOXP2**

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	8,645	8.88	1.6		111.28
27	10,380	75.00	10.9	Upper Marker	113.00
28	14,608	0.00	0.0		117.18
29	17,914	0.00	0.0		120.45
30	19,920	0.00	0.0		122.43
31	24,419	0.00	0.0		126.88
32	25,503	0.00	0.0		127.95
33	26,316	0.00	0.0		128.76
34	27,075	0.00	0.0		129.51
35	27,888	0.00	0.0		130.31
36	29,947	0.00	0.0		132.35
37	33,471	0.00	0.0		135.83
38	34,392	0.00	0.0		136.74

**Region table for sample 7 : B2 FOXP2**

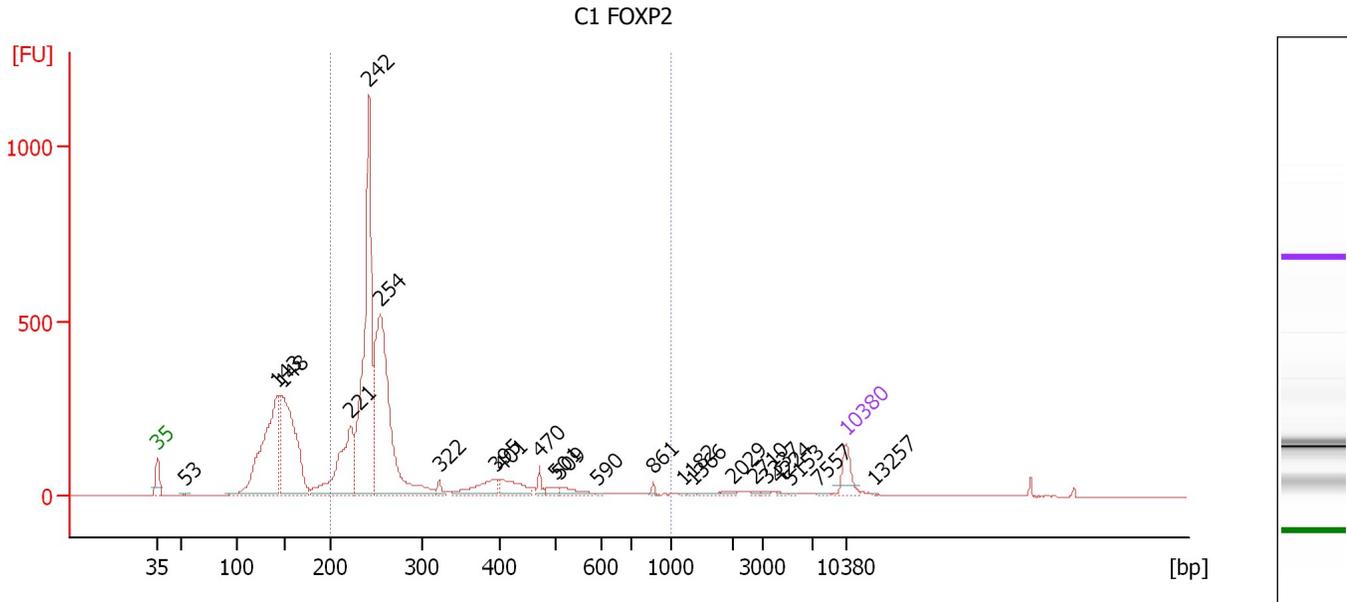
From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	306	2,577.97	5,764.6	14,326.2	56	39.0



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-09\2018-04-09\_004.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 8 : C1 FOXP2**

Number of peaks found: 23                      Corr. Area 1: 4,107.9  
 Noise: 0.5

**Peak table for sample 8 : C1 FOXP2**

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	53	9.65	276.4		45.68
3	143	1,090.64	11,550.4		55.19
4	148	970.49	9,966.5		55.62
5	221	564.64	3,863.5		62.59
6	242	1,420.90	8,907.5		64.47
7	254	1,296.76	7,740.0		65.60
8	322	29.61	139.4		71.61
9	395	136.57	524.3		77.41
10	401	118.07	446.1		77.89
11	470	36.36	117.1		81.81
12	501	28.44	86.0		83.53
13	509	51.40	153.0		83.90
14	590	5.73	14.7		87.72
15	861	11.10	19.5		93.41
16	1,182	2.55	3.3		96.41
17	1,366	3.74	4.1		97.54
18	2,029	20.19	15.1		101.51
19	2,710	5.70	3.2		103.66
20	3,337	6.17	2.8		105.00
21	4,224	5.38	1.9		106.13
22	5,153	4.31	1.3		107.31
23	7,557	4.69	0.9		110.21
24	10,380	75.00	10.9	Upper Marker	113.00
25	13,257	0.00	0.0		115.85

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-09\2018-04-09\_004.xad

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**Electropherogram Summary Continued ...**

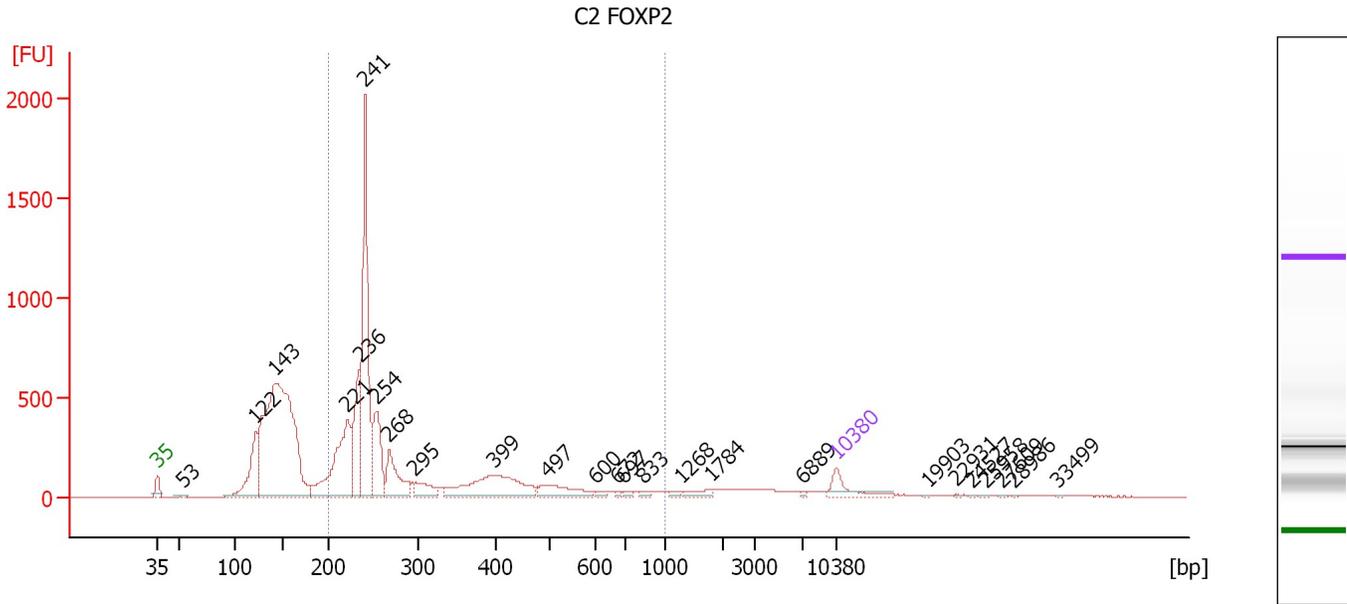
... Region table for sample 8 : C1 FOXP2

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/ $\mu$ l]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	289	3,706.44	4,107.9	21,521.1	 63	37.7

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-09\2018-04-09\_004.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 9 : C2 FOXP2**

Number of peaks found: 25                      Corr. Area 1: 6,571.2  
 Noise: 0.2

**Peak table for sample 9 : C2 FOXP2**

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	53	7.68	218.7		45.72
3	122	379.19	4,724.6		53.12
4	143	2,278.84	24,217.2		55.14
5	221	645.27	4,414.8		62.60
6	236	386.69	2,487.4		63.90
7	241	1,026.56	6,442.9		64.45
8	254	332.99	1,983.8		65.64
9	268	248.47	1,405.7		66.90
10	295	112.54	577.2		69.45
11	399	403.31	1,530.2		77.78
12	497	135.90	414.0		83.33
13	600	17.81	45.0		88.18
14	672	8.73	19.7		90.36
15	697	12.04	26.2		91.12
16	833	11.48	20.9		93.02
17	1,268	12.16	14.5		96.94
18	1,784	30.42	25.8		100.10
19	6,889	6.54	1.4		109.52
20	10,380	75.00	10.9	Upper Marker	113.00
21	19,903	0.00	0.0		122.42
22	22,931	0.00	0.0		125.41
23	24,527	0.00	0.0		126.99
24	25,958	0.00	0.0		128.40
25	27,609	0.00	0.0		130.04

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-09\2018-04-09\_004.xad

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### Electropherogram Summary Continued ...

#### ... Peak table for sample 9 : C2 FOXP2

Peak	Size [bp]	Conc. [pg/ $\mu$ l]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	28,986	0.00	0.0		131.40
27	33,499	0.00	0.0		135.86

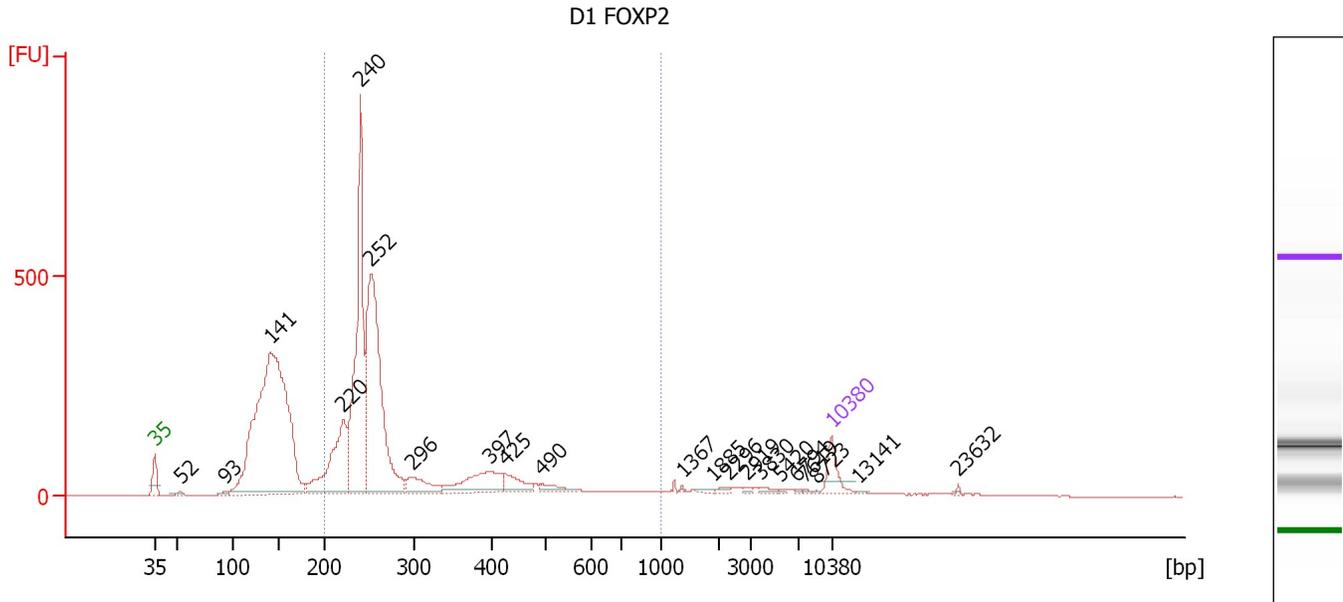
#### Region table for sample 9 : C2 FOXP2

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/ $\mu$ l]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	310	3,384.31	6,571.2	19,147.6	 55	42.7

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-09\2018-04-09\_004.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 10 : D1 FOXP2**

Number of peaks found: 21                      Corr. Area 1: 3,849.9  
 Noise: 0.4

**Peak table for sample 10 : D1 FOXP2**

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	52	14.53	420.5		45.62
3	93	13.07	212.7		50.26
4	141	2,476.45	26,668.8		54.96
5	220	506.62	3,483.6		62.49
6	240	1,093.21	6,907.9		64.29
7	252	1,256.31	7,567.0		65.39
8	296	122.77	627.8		69.54
9	397	210.69	805.0		77.56
10	425	87.98	313.6		79.26
11	490	40.87	126.4		82.91
12	1,367	3.48	3.9		97.55
13	1,885	8.56	6.9		100.71
14	2,296	8.77	5.8		102.35
15	2,919	6.99	3.6		104.32
16	3,830	12.19	4.8		105.63
17	5,420	3.29	0.9		107.65
18	6,794	3.38	0.8		109.40
19	7,619	3.59	0.7		110.27
20	8,723	2.55	0.4		111.36
21	10,380	75.00	10.9	Upper Marker	113.00
22	13,141	0.00	0.0		115.73
23	23,632	0.00	0.0		126.10

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-09\2018-04-09\_004.xad

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**Electropherogram Summary Continued ...**

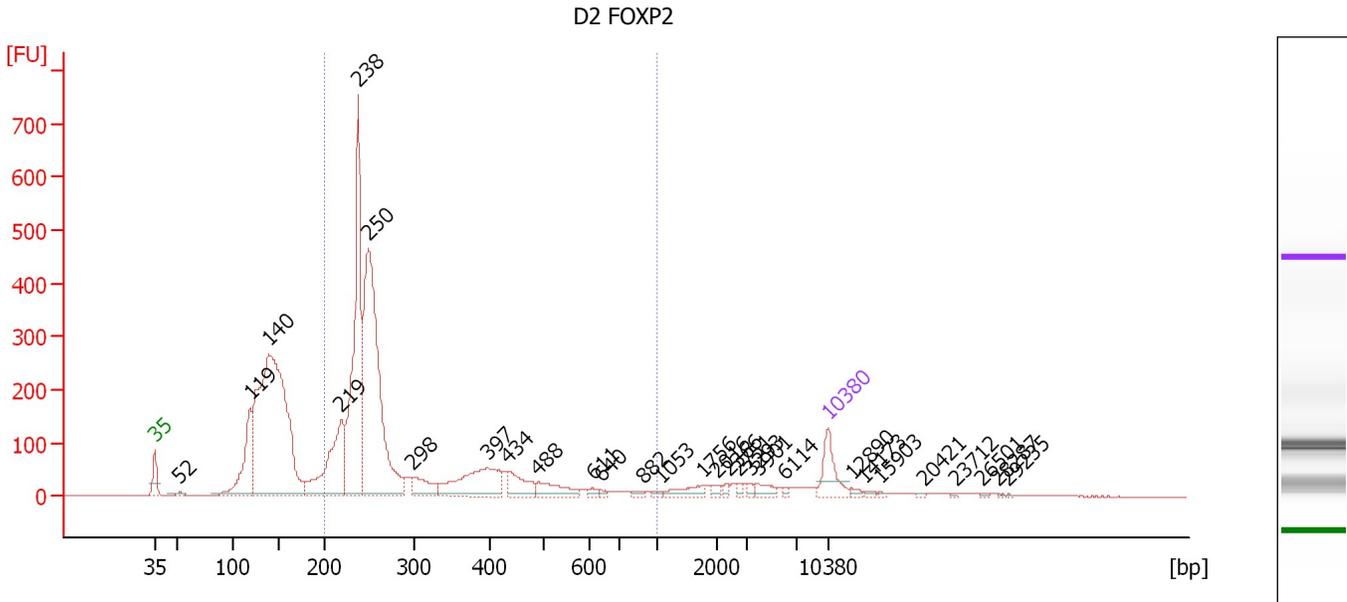
... Region table for sample 10 : D1 FOXP2

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/ $\mu$ l]	Corr. Area	Molarity [pmol/l]	Co % of lor Total	Size distribution in CV [%]
200	1,000	298	3,550.18	3,849.9	20,265.9	 57	39.0

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-09\2018-04-09\_004.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 11 : D2 FOXP2**

Number of peaks found: 29                      Corr. Area 1: 3,458.6  
 Noise: 0.2

**Peak table for sample 11 : D2 FOXP2**

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	52	10.83	315.1		45.59
3	119	304.60	3,878.5		52.87
4	140	1,546.88	16,780.2		54.86
5	219	382.10	2,644.3		62.36
6	238	782.18	4,980.2		64.13
7	250	1,029.70	6,244.0		65.23
8	298	86.75	441.0		69.70
9	397	221.11	844.2		77.59
10	434	85.06	297.2		79.74
11	488	71.70	222.4		82.83
12	611	11.69	29.0		88.51
13	640	6.13	14.5		89.39
14	882	9.34	16.0		93.69
15	1,053	6.72	9.7		95.62
16	1,756	33.27	28.7		99.93
17	2,016	10.10	7.6		101.47
18	2,366	8.56	5.5		102.57
19	2,751	8.76	4.8		103.79
20	3,293	7.98	3.7		104.95
21	3,901	22.64	8.8		105.72
22	6,114	6.39	1.6		108.53
23	10,380	75.00	10.9	Upper Marker	113.00
24	12,890	0.00	0.0		115.48
25	14,173	0.00	0.0		116.75

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-09\2018-04-09\_004.xad

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### Electropherogram Summary Continued ...

#### ... Peak table for sample 11 : D2 FOXP2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations	Aligned Migration Time [s]
26	15,903	0.00	0.0		118.46
27	20,421	0.00	0.0		122.93
28	23,712	0.00	0.0		126.18
29	26,501	0.00	0.0		128.94
30	28,287	0.00	0.0		130.71
31	29,235	0.00	0.0		131.64

#### Region table for sample 11 : D2 FOXP2

From [bp]	To [bp]	Average Size [bp]	Conc. [pg/μl]	Corr. Area	Molarity [pmol/l]	Co % of Ior Total	Size distribution in CV [%]
200	1,000	303	2,705.22	3,458.6	15,340.3	 58	40.1



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-04-09\2018-04-09\_004.xad

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**Gel Image**

