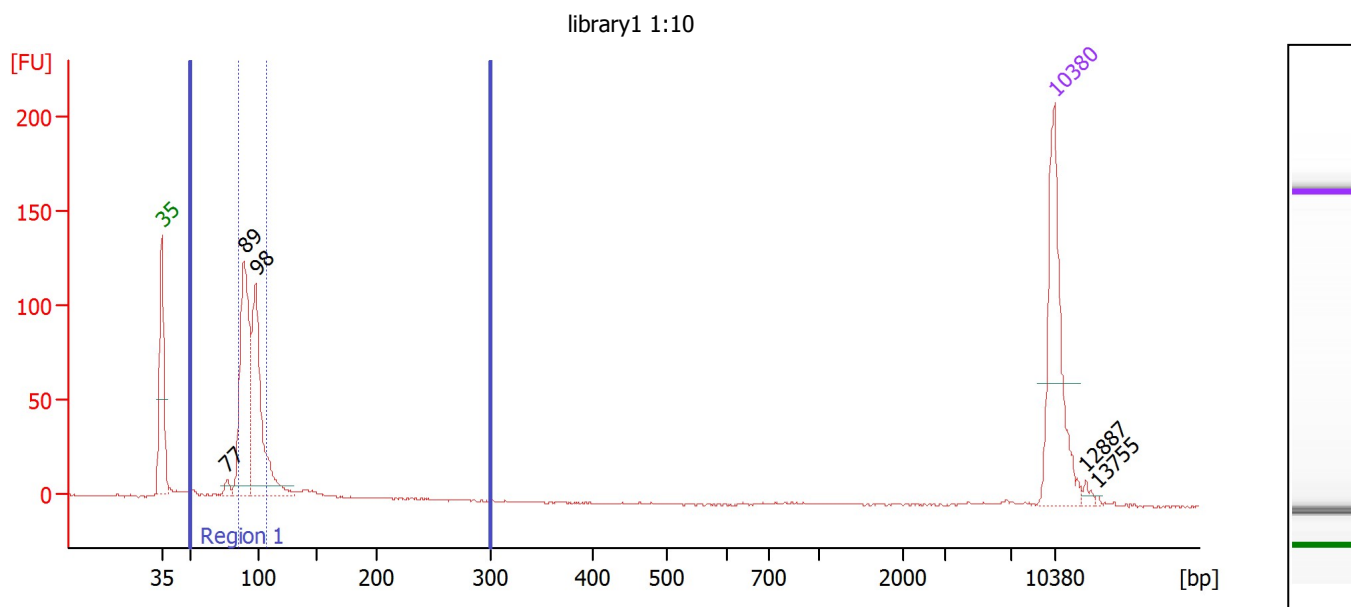


Assay Class: High Sensitivity DNA Assay
 Data Path: I:\...gh Sensitivity DNA Assay_DE13805883_2014-10-27_11-33-06.xad

Created: 2014-10-27 11:33:05
 Modified: 2015-02-10 14:49:11

Electropherogram Summary Continued ...



Overall Results for sample 4 : library1 1:10

Number of peaks found: 5 Corr. Area 1: 483.6
 Noise: 0.5 Corr. Area 2: 383.2

Peak table for sample 4 : library1 1:10

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	77	6.13	120.6	
3	89	160.82	2,723.4	
4	98	144.61	2,238.8	
5	10,380	75.00	10.9	Upper Marker
6	12,887	0.00	0.0	
7	13,755	0.00	0.0	

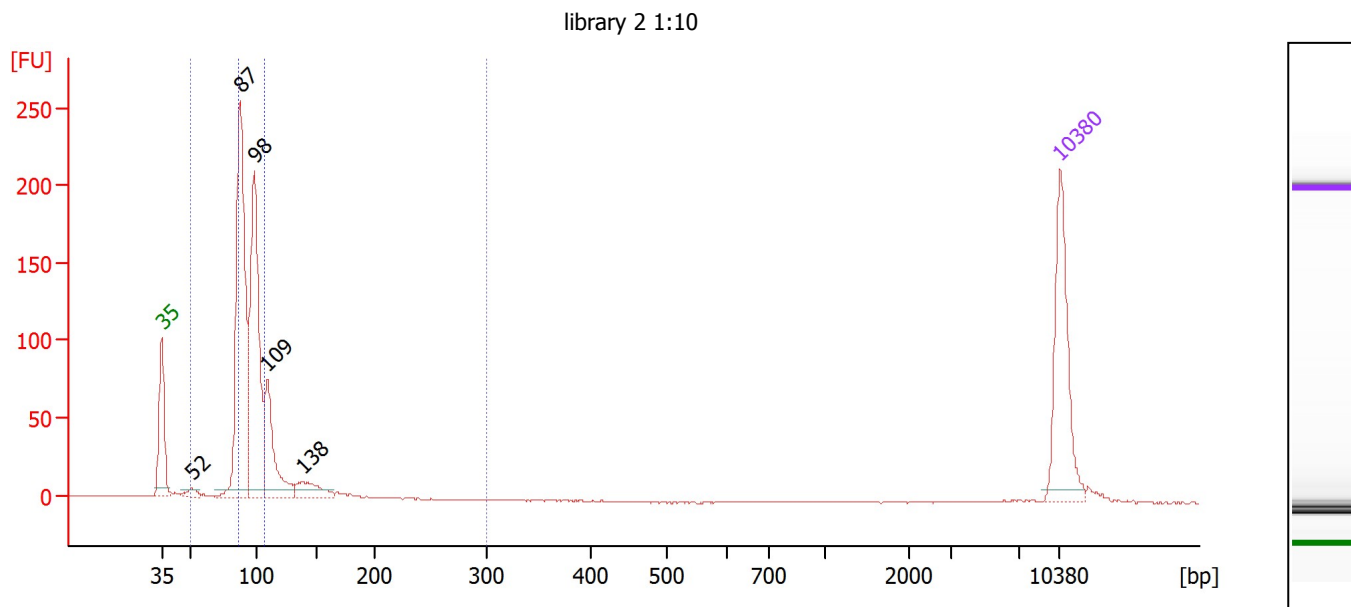
Region table for sample 4 : library1 1:10

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
50	300	483.6	95	97	15.6	334.81	5,342.4	Blue
86	106	383.2	75	94	5.3	266.31	4,298.7	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: I:\...gh Sensitivity DNA Assay_DE13805883_2015-02-03_13-17-17.xad

Created: 2015-02-03 13:17:17
 Modified: 2015-02-10 15:01:05

Electropherogram Summary Continued ...



Overall Results for sample 8 : library 2 1:10

Number of peaks found:	5	Corr. Area 1:	940.6
Noise:	0.5	Corr. Area 2:	661.4

Peak table for sample 8 : library 2 1:10

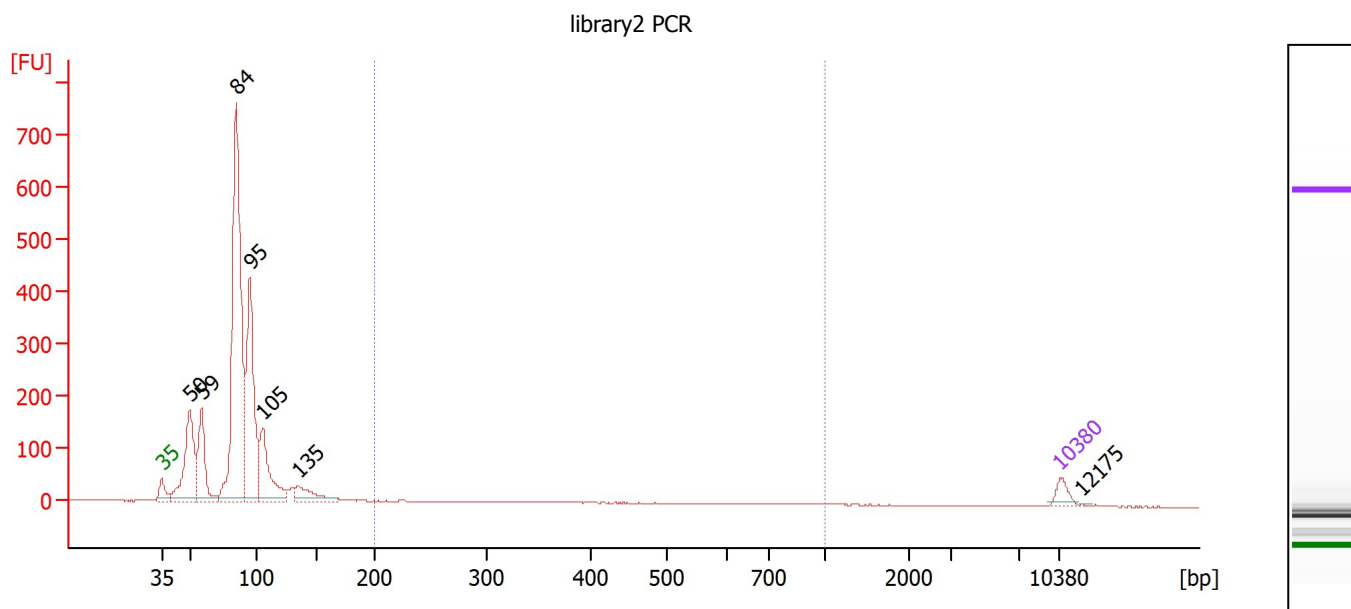
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	52	8.67	254.6	
3	87	299.87	5,206.8	
4	98	228.24	3,533.7	
5	109	96.65	1,347.3	
6	138	30.60	335.3	
7	10,380	75.00	10.9	Upper Marker

Region table for sample 8 : library 2 1:10

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
50	300	940.6	96	98	17.2	657.68	10,360.1	Blue
86	106	661.4	68	94	5.9	464.97	7,541.0	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: I:\...gh Sensitivity DNA Assay_DE13805883_2015-02-03_13-17-17.xad

Created: 2015-02-03 13:17:17
 Modified: 2015-02-10 15:01:05

Electropherogram Summary Continued ...**Overall Results for sample 5 : library2 PCR**

Number of peaks found: 7 Corr. Area 1: 125.6
 Noise: 0.6

Peak table for sample 5 : library2 PCR

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	50	1,009.61	30,525.8	
3	59	713.30	18,345.5	
4	84	3,595.65	64,528.6	
5	95	1,712.73	27,447.7	
6	105	751.83	10,859.8	
7	135	263.55	2,958.4	
8	10,380	75.00	10.9	Upper Marker
9	12,175	0.00	0.0	

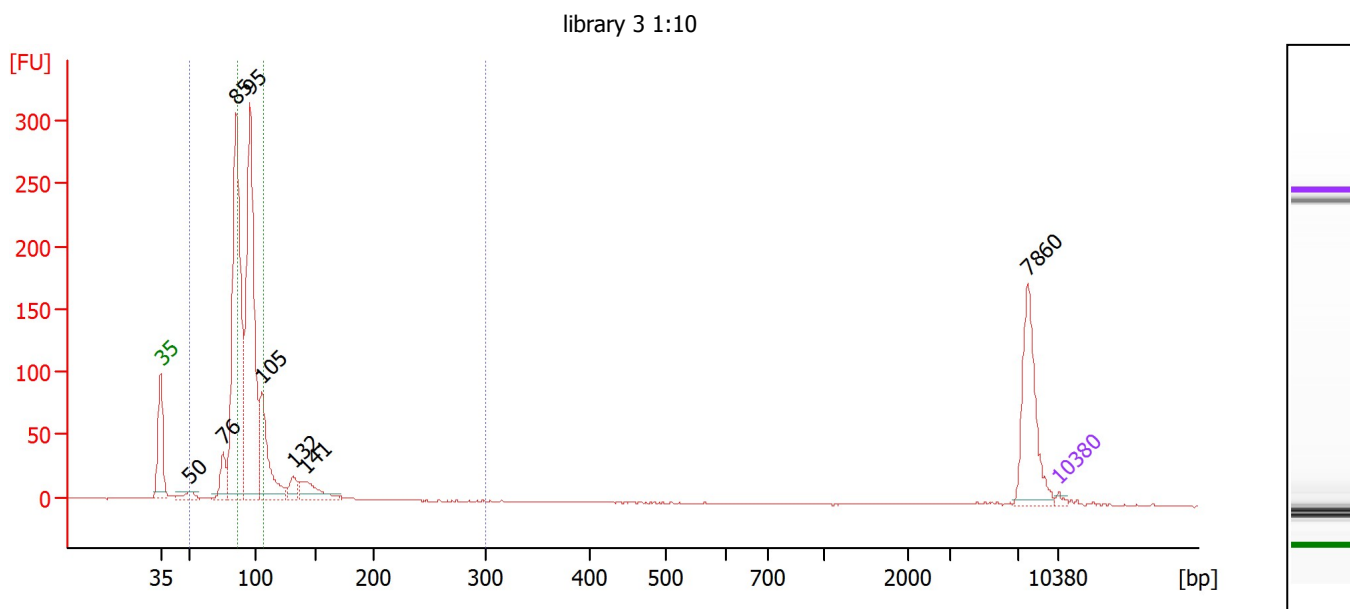
Region table for sample 5 : library2 PCR

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	125.6	4	426	43.9	254.67	1,150.6	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: I:\...gh Sensitivity DNA Assay_DE13805883_2015-02-03_13-17-17.xad

Created: 2015-02-03 13:17:17
 Modified: 2015-02-10 15:01:05

Electropherogram Summary Continued ...



Overall Results for sample 9 : library 3 1:10

Number of peaks found: 8 Corr. Area 1: 1,238.8
 Noise: 0.5 Corr. Area 2: 765.2

Peak table for sample 9 : library 3 1:10

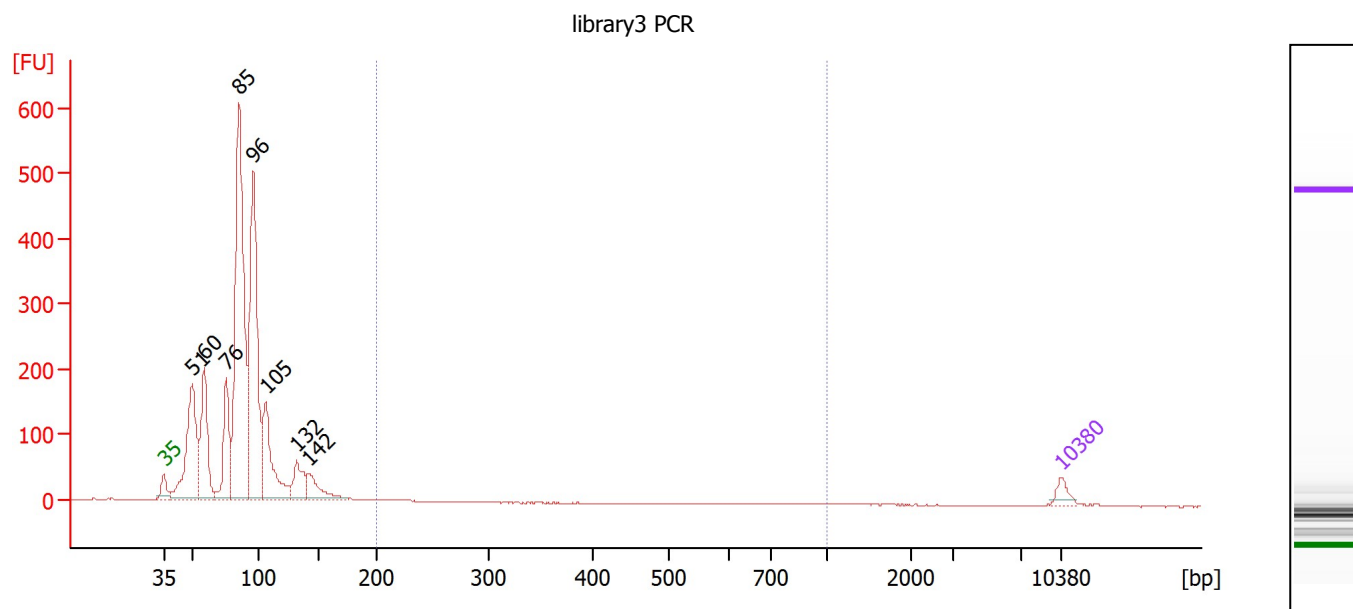
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	50	345.65	10,387.6	
3	76	1,084.90	21,744.5	
4	85	12,783.73	228,085.6	
5	95	12,017.98	191,313.9	
6	105	3,595.36	52,039.9	
7	132	626.11	7,203.3	
8	141	1,259.97	13,498.9	
9	7,860	2,494.38	480.8	Upper Marker
10	10,380	75.00	10.9	

Region table for sample 9 : library 3 1:10

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
50	300	1,238.8	85	96	17.9	31,432.38	509,671.0	Blue
86	106	765.2	53	94	5.6	19,512.98	316,410.6	Green

Assay Class: High Sensitivity DNA Assay
 Data Path: I:\...gh Sensitivity DNA Assay_DE13805883_2015-02-03_13-17-17.xad

Created: 2015-02-03 13:17:17
 Modified: 2015-02-10 15:01:05

Electropherogram Summary Continued ...**Overall Results for sample 6 : library3 PCR**

Number of peaks found: 8 Corr. Area 1: 34.1
 Noise: 0.6

Peak table for sample 6 : library3 PCR

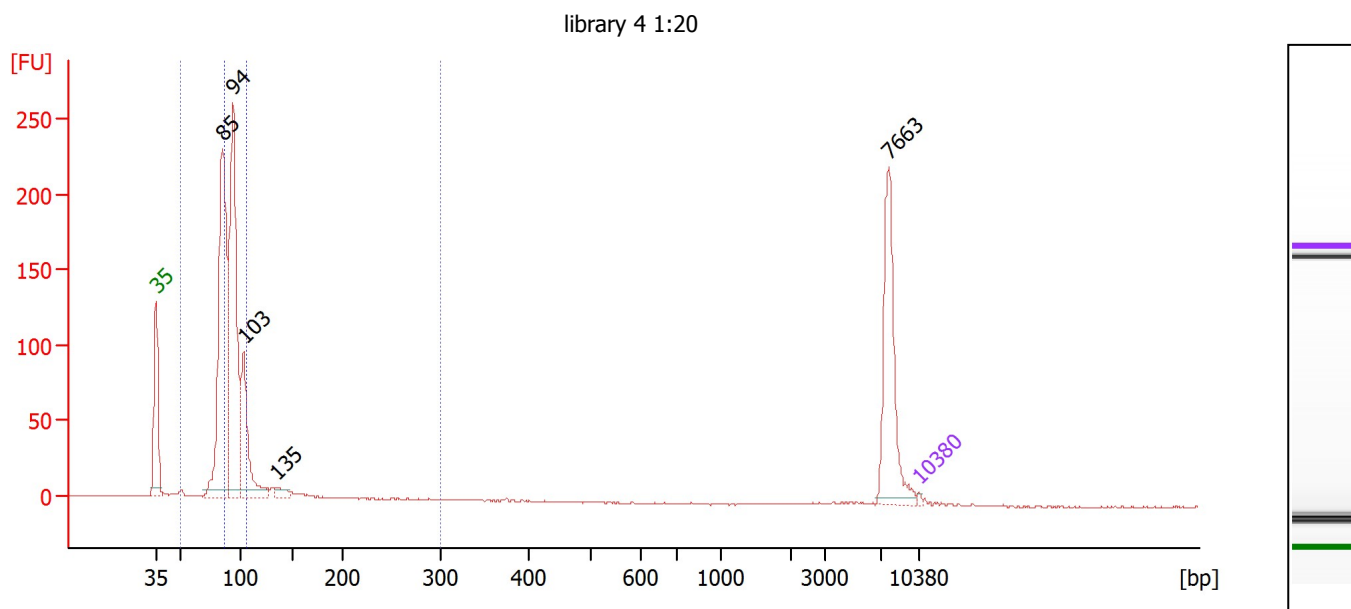
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	51	1,433.90	42,985.7	
3	60	1,007.95	25,573.3	
4	76	798.71	15,969.9	
5	85	3,682.59	65,678.6	
6	96	2,646.05	41,977.4	
7	105	1,013.27	14,562.1	
8	132	365.65	4,196.6	
9	142	344.68	3,674.7	
10	10,380	75.00	10.9	Upper Marker

Region table for sample 6 : library3 PCR

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	34.1	1	406	57.2	96.69	518.6	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: I:\...gh Sensitivity DNA Assay_DE13805883_2015-02-06_15-32-22.xad

Created: 2015-02-06 15:32:22
 Modified: 2015-02-10 14:54:16

Electropherogram Summary Continued ...**Overall Results for sample 7 : library 4 1:20**

Number of peaks found:	5	Corr. Area 1:	1,058.2
Noise:	0.5	Corr. Area 2:	708.6

Peak table for sample 7 : library 4 1:20

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	85	17,323.46	309,175.2	
3	94	15,959.60	257,848.6	
4	103	5,869.34	86,223.0	
5	135	608.82	6,857.0	
6	7,663	4,629.61	915.3	Upper Marker
7	10,380	75.00	10.9	

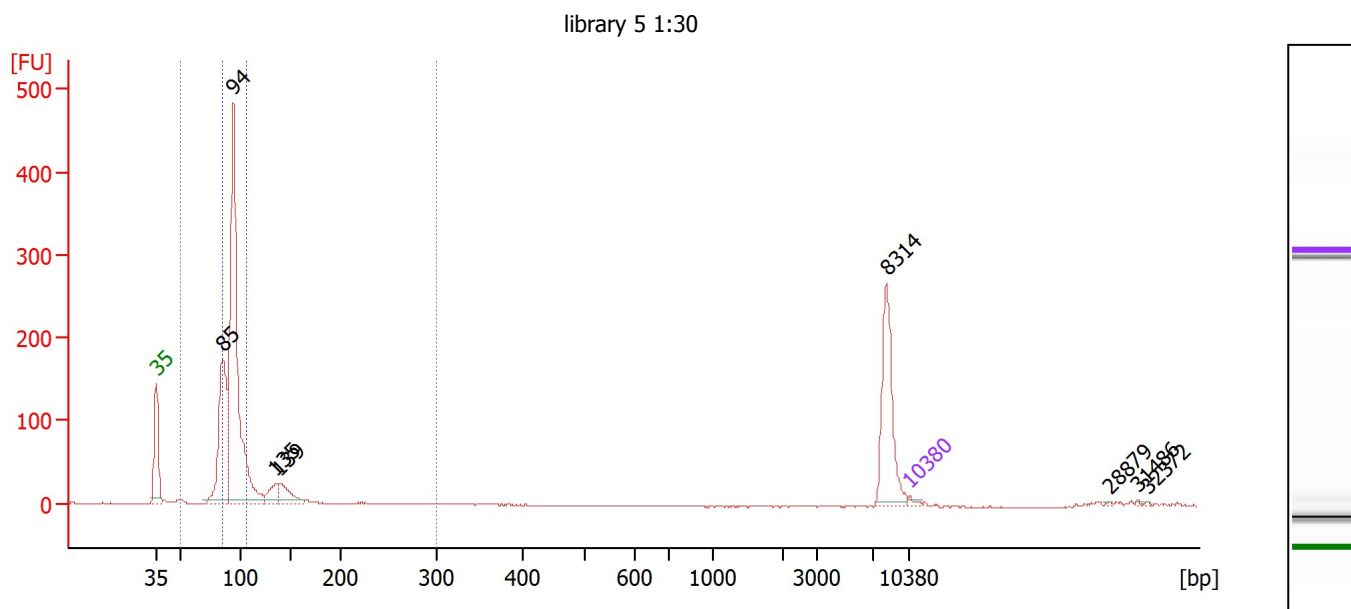
Region table for sample 7 : library 4 1:20

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
50	300	1,058.2	81	94	14.3	40,178.41	662,020.1	Blue
86	106	708.6	54	93	5.6	26,977.80	439,003.3	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: I:\...gh Sensitivity DNA Assay_DE13805883_2015-02-06_15-32-22.xad

Created: 2015-02-06 15:32:22
 Modified: 2015-02-10 14:54:16

Electropherogram Summary Continued ...



Overall Results for sample 8 : library 5 1:30

Number of peaks found: 8 Corr. Area 1: 1,292.8
 Noise: 0.5 Corr. Area 2: 902.1

Peak table for sample 8 : library 5 1:30

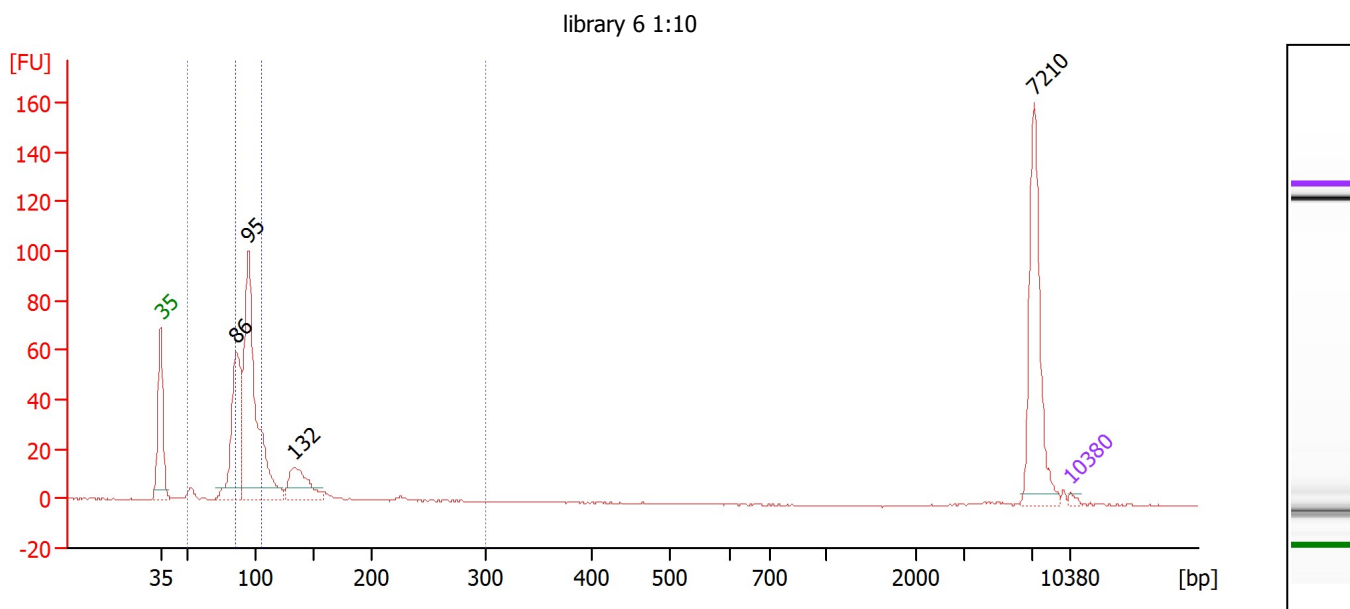
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	85	6,175.35	109,777.6	
3	94	15,428.58	248,046.0	
4	135	800.67	8,977.3	
5	139	1,155.89	12,613.5	
6	8,314	2,578.36	469.9	Upper Marker
7	10,380	75.00	10.9	
8	28,879	0.00	0.0	
9	31,486	0.00	0.0	
10	32,372	0.00	0.0	

Region table for sample 8 : library 5 1:30

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
50	300	1,292.8	81	99	18.7	23,599.64	372,587.6	Blue
86	106	902.1	56	94	4.6	16,568.27	267,011.2	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: I:\...gh Sensitivity DNA Assay_DE13805883_2015-02-10_11-52-21.xad

Created: 2015-02-10 11:52:20
 Modified: 2015-02-10 14:57:04

Electropherogram Summary Continued ...**Overall Results for sample 7 : library 6 1:10**

Number of peaks found: 4 Corr. Area 1: 376.1
 Noise: 0.3 Corr. Area 2: 230.2

Peak table for sample 7 : library 6 1:10

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	86	4,642.09	81,716.6	
3	95	9,573.61	152,994.1	
4	132	1,853.42	21,239.9	
5	7,210	3,318.46	697.4	Upper Marker
6	10,380	75.00	10.9	

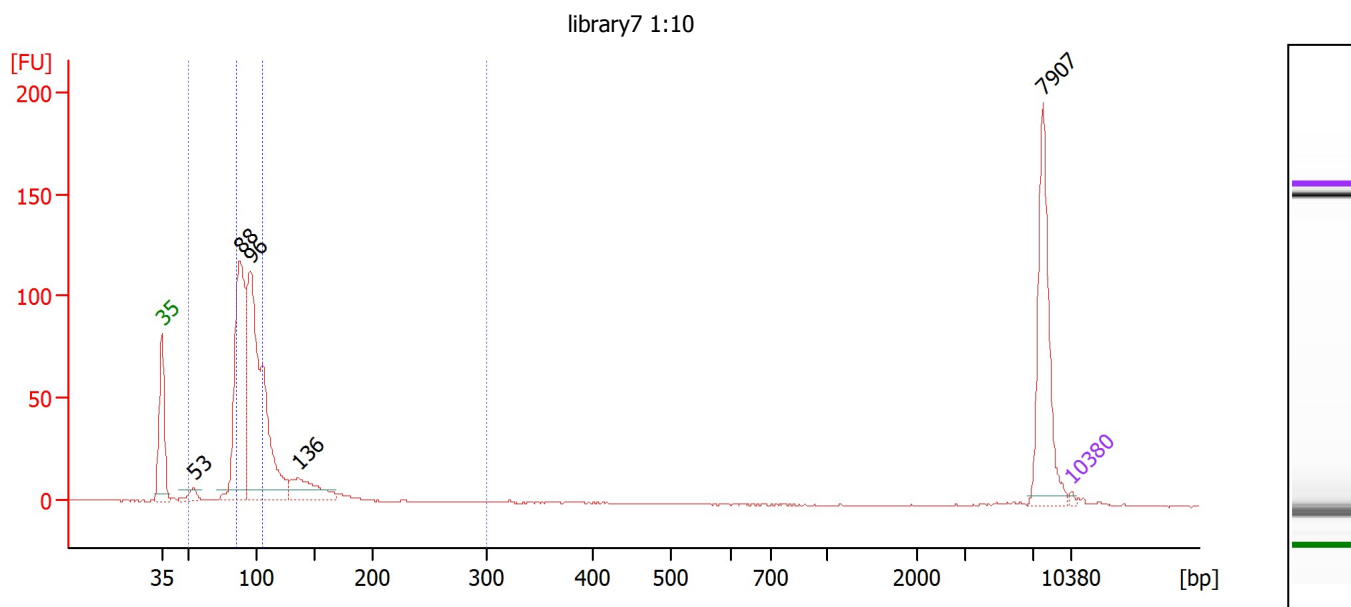
Region table for sample 7 : library 6 1:10

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
50	300	376.1	72	102	22.8	16,581.21	257,280.3	Blue
86	106	230.2	44	94	5.3	10,243.99	164,968.8	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: I:\...gh Sensitivity DNA Assay_DE13805883_2015-02-10_11-52-21.xad

Created: 2015-02-10 11:52:20
 Modified: 2015-02-10 14:57:04

Electropherogram Summary Continued ...



Overall Results for sample 8 : library7 1:10

Number of peaks found: 5 Corr. Area 1: 629.7
 Noise: 0.3 Corr. Area 2: 385.6

Peak table for sample 8 : library7 1:10

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	53	521.21	14,796.9	
3	88	10,658.58	183,303.4	
4	96	15,144.91	239,334.4	
5	136	2,285.53	25,440.6	
6	7,907	4,117.18	789.0	Upper Marker
7	10,380	75.00	10.9	

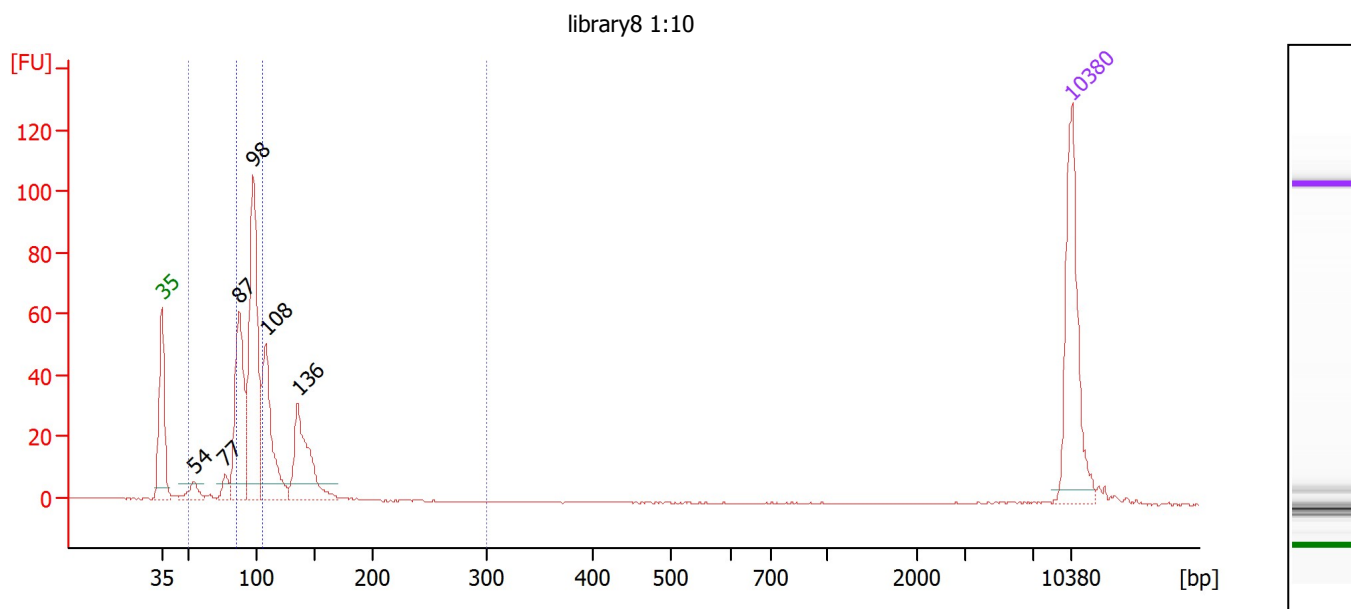
Region table for sample 8 : library7 1:10

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
50	300	629.7	77	103	23.4	29,263.35	449,659.0	Blue
86	106	385.6	47	94	5.8	18,099.24	291,550.3	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: I:\...gh Sensitivity DNA Assay_DE13805883_2015-02-10_11-52-21.xad

Created: 2015-02-10 11:52:20
 Modified: 2015-02-10 14:57:04

Electropherogram Summary Continued ...



Overall Results for sample 9 : library8 1:10

Number of peaks found: 6 Corr. Area 1: 411.8
 Noise: 0.3 Corr. Area 2: 226.5

Peak table for sample 9 : library8 1:10

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	54	13.95	390.6	
3	77	10.82	212.7	
4	87	120.46	2,091.2	
5	98	189.39	2,929.0	
6	108	102.96	1,443.7	
7	136	87.31	976.1	
8	10,380	75.00	10.9	Upper Marker

Region table for sample 9 : library8 1:10

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
50	300	411.8	97	105	19.5	515.92	7,705.9	Blue
86	106	226.5	53	96	5.7	286.99	4,557.9	Blue