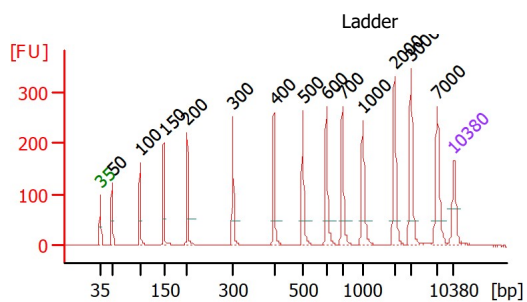


Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...gh Sensitivity DNA Assay_DE34903795_2020-12-04_14-31-04.xad

Created: 12/4/2020 2:31:04 PM
 Modified: 12/4/2020 3:12:51 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.4

Peak table for Ladder

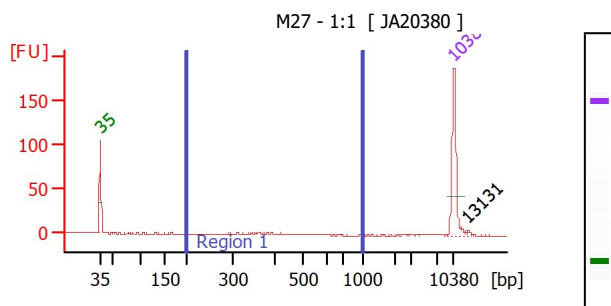
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	50	150.00	4,545.5	Ladder Peak
3	100	150.00	2,272.7	Ladder Peak
4	150	150.00	1,515.2	Ladder Peak
5	200	150.00	1,136.4	Ladder Peak
6	300	150.00	757.6	Ladder Peak
7	400	150.00	568.2	Ladder Peak
8	500	150.00	454.5	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

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...gh Sensitivity DNA Assay_DE34903795_2020-12-04_14-31-04.xad

Created: 12/4/2020 2:31:04 PM
 Modified: 12/4/2020 3:12:51 PM

Electropherogram Summary Continued ...



Peak table for sample 1

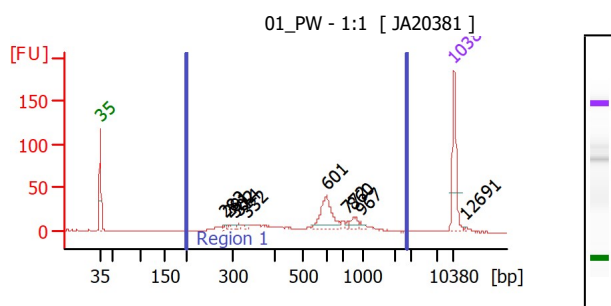
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	10,380	75.00	10.9	Upper Marker
3	13,131	0.00	0.0	

Overall Results for sample 1

Number of peaks found: 1
 Noise: 0.3
 Corr. Area 1: 18.8

Region table for sample 1

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	18.8	40	364	16.8	12.57	54.5	Blue



Peak table for sample 2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	283	5.32	28.5	
3	291	3.99	20.7	
4	302	7.43	37.3	
5	314	3.82	18.4	
6	332	4.19	19.1	
7	601	71.18	179.5	
8	772	4.09	8.0	
9	860	15.22	26.8	
10	967	5.11	8.0	
11	10,380	75.00	10.9	Upper Marker
12	12,691	0.00	0.0	

Overall Results for sample 2

Number of peaks found: 10
 Noise: 0.4
 Corr. Area 1: 425.1

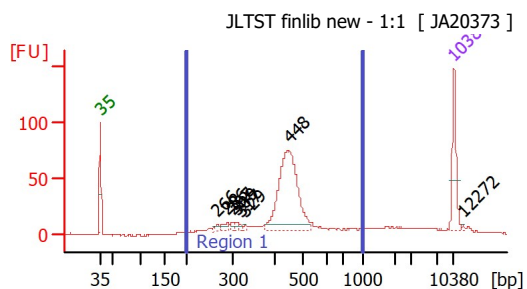
Region table for sample 2

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
200	2,727	425.1	87	630	53.7	273.68	887.0	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...gh Sensitivity DNA Assay_DE34903795_2020-12-04_14-31-04.xad

Created: 12/4/2020 2:31:04 PM
 Modified: 12/4/2020 3:12:51 PM

Electropherogram Summary Continued ...



Overall Results for sample 3

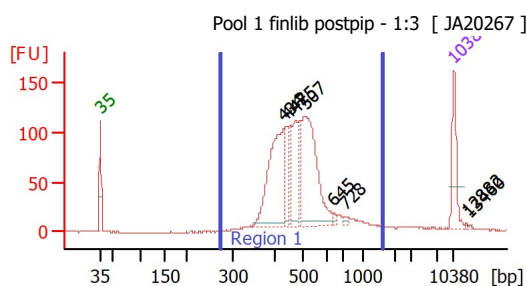
Number of peaks found: 8
 Noise: 0.6
 Corr. Area 1: 683.7

Region table for sample 3

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarit y [pmol/l]	Co lo r
200	1,000	683.7	82	447	26.8	654.69	2,444.4	■

Peak table for sample 3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	266	10.61	60.3	
3	286	17.26	91.4	
4	297	12.54	63.9	
5	309	9.20	45.2	
6	317	5.31	25.4	
7	329	5.65	26.0	
8	448	383.44	1,295.4	
9	10,380	75.00	10.9	Upper Marker
10	12,272	0.00	0.0	



Overall Results for sample 4

Number of peaks found: 8
 Noise: 0.5
 Corr. Area 1: 1,643.2

Region table for sample 4

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarit y [pmol/l]	Co lo r
274	1,626	1,643.2	94	509	30.6	1,172.27	3,744.9	■

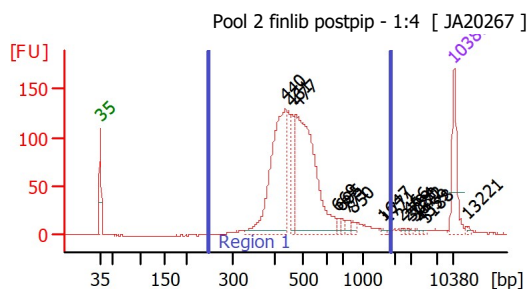
Peak table for sample 4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	434	327.37	1,142.6	
3	442	76.46	261.8	
4	475	132.67	423.1	
5	507	348.45	1,040.9	
6	645	8.55	20.1	
7	728	8.30	17.3	
8	10,380	75.00	10.9	Upper Marker
9	12,882	0.00	0.0	
10	13,460	0.00	0.0	

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...gh Sensitivity DNA Assay_DE34903795_2020-12-04_14-31-04.xad

Created: 12/4/2020 2:31:04 PM
 Modified: 12/4/2020 3:12:51 PM

Electropherogram Summary Continued ...



Overall Results for sample 5

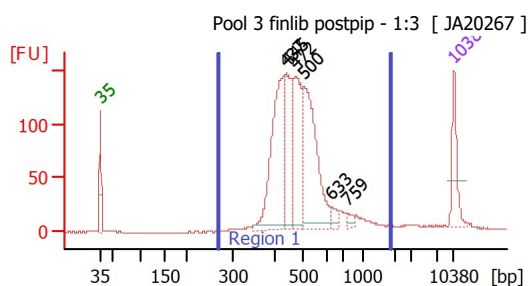
Number of peaks found: 16
 Noise: 0.4
 Corr. Area 1: 1,728.3

Region table for sample 5

From To [bp]	Corr. Area [bp]	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarit y [pmol/l]	Co lo r
246	1,886	1,728.3	95	515	36.1	1,047.53	3,349.3

Peak table for sample 5

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	440	393.82	1,357.3	
3	461	79.75	262.2	
4	477	447.12	1,420.0	
5	669	8.18	18.5	
6	695	9.76	21.3	
7	771	10.82	21.3	
8	850	8.77	15.6	
9	1,647	2.33	2.1	
10	1,771	1.76	1.5	
11	2,466	2.34	1.4	
12	2,794	1.94	1.1	
13	3,080	1.70	0.8	
14	3,672	1.88	0.8	
15	4,559	1.93	0.6	
16	5,188	1.29	0.4	
17	10,380	75.00	10.9	Upper Marker
18	13,221	0.00	0.0	



Overall Results for sample 6

Number of peaks found: 6
 Noise: 0.5
 Corr. Area 1: 1,924.3

Region table for sample 6

From To [bp]	Corr. Area [bp]	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarit y [pmol/l]	Co lo r
268	1,894	1,924.3	95	517	34.7	1,391.37	4,403.2

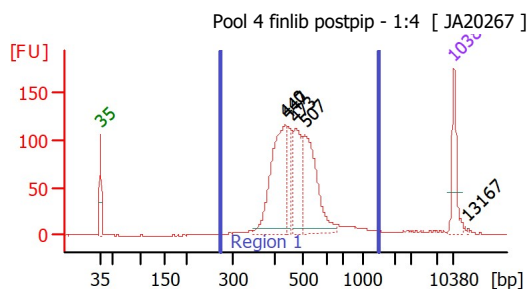
Peak table for sample 6

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	437	422.27	1,464.6	
3	445	170.42	580.8	
4	472	255.96	821.6	
5	500	395.28	1,196.9	
6	633	20.84	49.9	
7	759	16.07	32.1	
8	10,380	75.00	10.9	Upper Marker

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...gh Sensitivity DNA Assay_DE34903795_2020-12-04_14-31-04.xad

Created: 12/4/2020 2:31:04 PM
 Modified: 12/4/2020 3:12:51 PM

Electropherogram Summary Continued ...



Peak table for sample 7

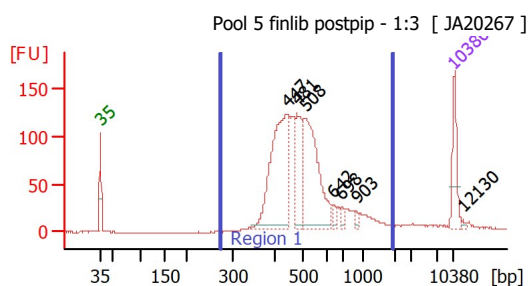
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	440	337.08	1,161.7	
3	447	81.71	276.7	
4	473	140.94	451.1	
5	507	279.27	833.8	
6	10,380	75.00	10.9	Upper Marker
7	13,167	0.00	0.0	

Overall Results for sample 7

Number of peaks found: 5
 Noise: 0.4
 Corr. Area 1: 1,498.5

Region table for sample 7

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
273	1,530	1,498.5	95	496	26.9	961.91	3,105.1	Blue



Peak table for sample 8

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	447	437.15	1,482.7	
3	481	129.93	409.6	
4	508	358.40	1,069.0	
5	642	14.18	33.4	
6	698	10.23	22.2	
7	903	9.02	15.1	
8	10,380	75.00	10.9	Upper Marker
9	12,130	0.00	0.0	

Overall Results for sample 8

Number of peaks found: 7
 Noise: 0.4
 Corr. Area 1: 1,838.8

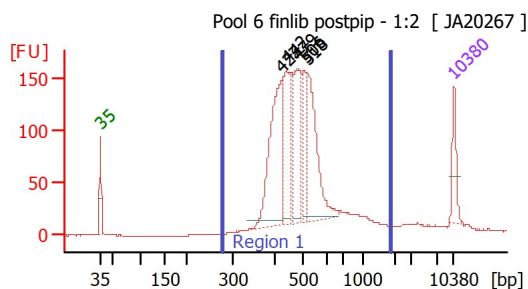
Region table for sample 8

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
273	1,956	1,838.8	93	546	41.3	1,242.96	3,847.5	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...gh Sensitivity DNA Assay_DE34903795_2020-12-04_14-31-04.xad

Created: 12/4/2020 2:31:04 PM
 Modified: 12/4/2020 3:12:51 PM

Electropherogram Summary Continued ...



Peak table for sample 9

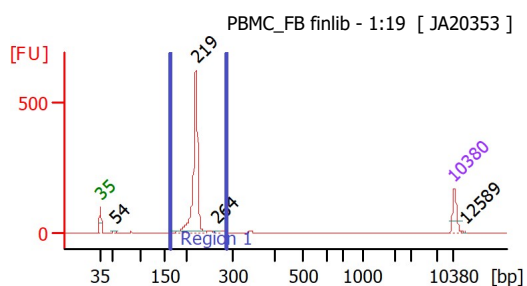
Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	427	497.38	1,764.2	
3	442	282.43	968.3	
4	479	293.63	928.3	
5	506	133.47	399.4	
6	518	393.31	1,150.9	
7	10,380	75.00	10.9	Upper Marker

Overall Results for sample 9

Number of peaks found: 5
 Noise: 0.4
 Corr. Area 1: 2,212.9

Region table for sample 9

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
279	1,918	2,212.9	93	528	39.1	2,108.38	6,644.5	Blue



Peak table for sample 10

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	54	14.56	409.3	
3	219	930.82	6,429.2	
4	264	10.82	62.0	
5	10,380	75.00	10.9	Upper Marker
6	12,589	0.00	0.0	

Overall Results for sample 10

Number of peaks found: 4
 Noise: 0.3
 Corr. Area 1: 1,090.3

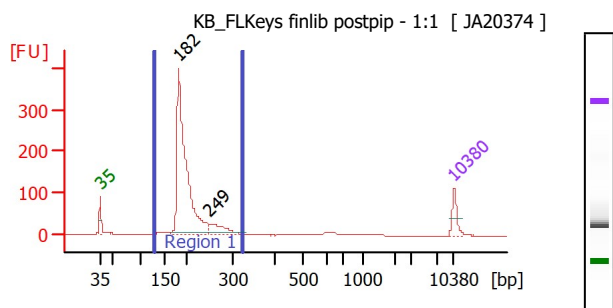
Region table for sample 10

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
166	286	1,090.3	93	218	5.5	962.99	6,696.2	Blue

Assay Class: High Sensitivity DNA Assay
 Data Path: C:\...gh Sensitivity DNA Assay_DE34903795_2020-12-04_14-31-04.xad

Created: 12/4/2020 2:31:04 PM
 Modified: 12/4/2020 3:12:51 PM

Electropherogram Summary Continued ...



Peak table for sample 11

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	182	1,762.21	14,673.3	
3	249	171.87	1,047.0	
4	10,380	75.00	10.9	Upper Marker

Overall Results for sample 11

Number of peaks found: 2
 Noise: 0.3
 Corr. Area 1: 1,598.8

Region table for sample 11

From [bp]	To [bp]	Corr. Area	% of Total	Average Size [bp]	Size distribution in CV [%]	Conc. [pg/μl]	Molarity [pmol/l]	Color
131	326	1,598.8	92	203	14.9	1,956.59	14,885.3	Blue