

Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2010-12-20_14-30-38.xad

Created: 12/20/2010 2:30:38 PM
Modified: 12/21/2010 11:00:12 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] : 60
Area Threshold : 0.1
Width Threshold [s] : 0.6
Baseline Plateau [s] : 0.5

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

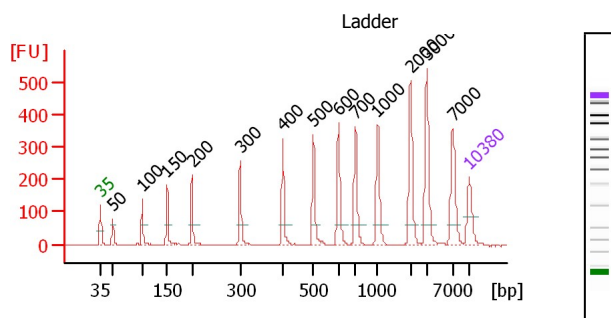
Ladder

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

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Electropherogram Summary



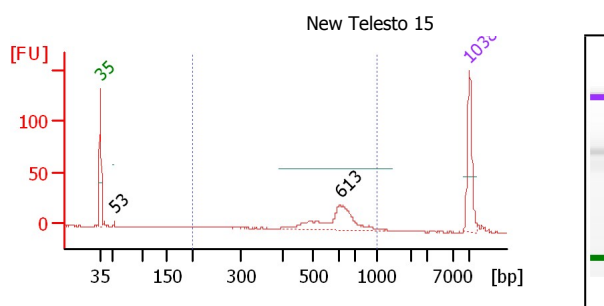
Overall Results for Ladder

Noise: 0.3

Peak table for Ladder

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
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



Overall Results for sample 1 : New Telesto 15

Number of peaks found: 2
 Noise: 0.3
 Corr. Area 1: 153.7

Region table for sample 1 : New Telesto 15

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	153.7	91	609	16.7	105.09	270.5	Blue

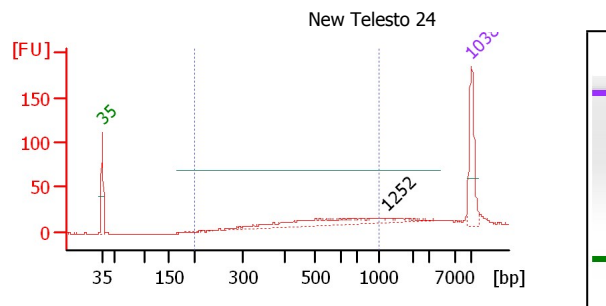
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Electropherogram Summary Continued ...

Peak table for sample 1 : New Telesto 15

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.2	Lower Marker
2	53	2.61	74.7	
3	613	105.90	261.7	
4	10,380	75.00	10.9	Upper Marker



Overall Results for sample 2 : New Telesto 24

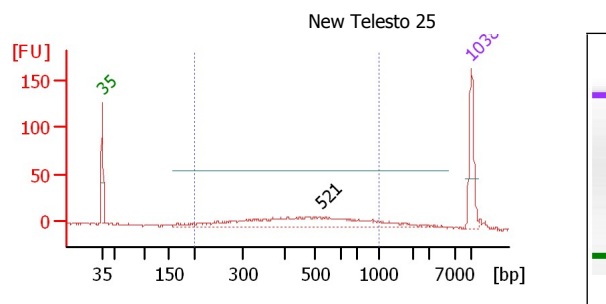
Number of peaks found: 1
 Noise: 0.4
 Corr. Area 1: 238.4

Region table for sample 2 : New Telesto 24

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	238.4	61	563	31.2	134.33	412.0	Blue

Peak table for sample 2 : New Telesto 24

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	1,252	108.46	131.3	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 3 : New Telesto 25

Number of peaks found: 1
 Noise: 1.0
 Corr. Area 1: 262.5

Region table for sample 3 : New Telesto 25

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	262.5	78	510	34.4	171.98	604.0	Blue

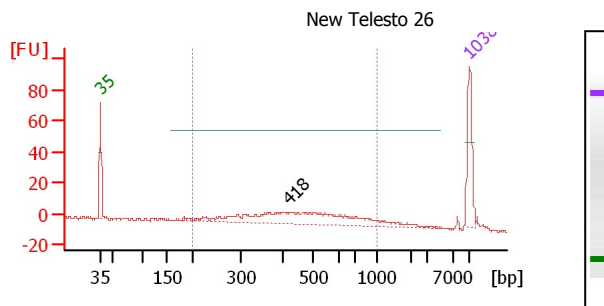
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Electropherogram Summary Continued ...

Peak table for sample 3 : New Telesto 25

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.2	Lower Marker
2	521	221.04	642.9	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 4 : New Telesto 26

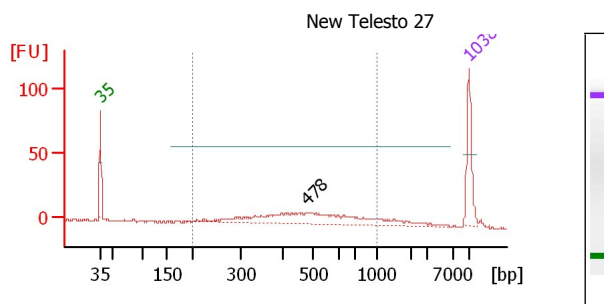
Number of peaks found: 1
 Noise: 0.6
 Corr. Area 1: 231.0

Region table for sample 4 : New Telesto 26

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	231.0	80	491	35.3	264.65	974.2	Blue

Peak table for sample 4 : New Telesto 26

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	418	271.80	984.7	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 5 : New Telesto 27

Number of peaks found: 1
 Noise: 0.6
 Corr. Area 1: 243.1

Region table for sample 5 : New Telesto 27

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	243.1	77	503	34.3	236.62	839.2	Blue

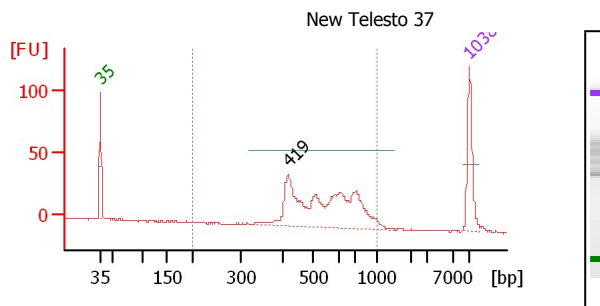
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Electropherogram Summary Continued ...

Peak table for sample 5 : New Telesto 27

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.2	Lower Marker
2	478	243.31	771.7	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 6 : New Telesto 37

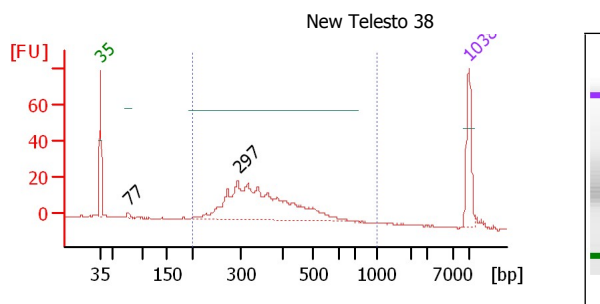
Number of peaks found: 1
 Noise: 0.4
 Corr. Area 1: 415.8

Region table for sample 6 : New Telesto 37

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	415.8	99	570	23.6	332.61	944.4	Blue

Peak table for sample 6 : New Telesto 37

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.2	Lower Marker
2	419	427.50	1,546.5	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 7 : New Telesto 38

Number of peaks found: 2
 Noise: 0.2
 Corr. Area 1: 353.0

Region table for sample 7 : New Telesto 38

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	353.0	96	378	28.6	472.86	2,072.3	Blue

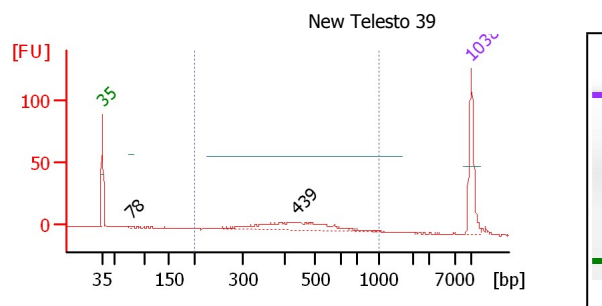
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Electropherogram Summary Continued ...

Peak table for sample 7 : New Telesto 38

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.2	Lower Marker
2	77	7.55	149.4	
3	297	515.72	2,634.9	
4	10,380	75.00	10.9	Upper Marker



Overall Results for sample 8 : New Telesto 39

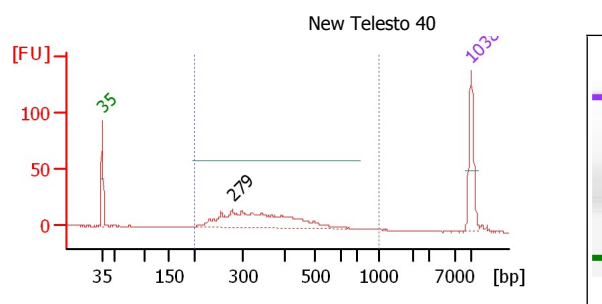
Number of peaks found: 2
 Noise: 0.4
 Corr. Area 1: 124.6

Region table for sample 8 : New Telesto 39

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	124.6	94	461	26.5	110.93	398.7	Blue

Peak table for sample 8 : New Telesto 39

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.2	Lower Marker
2	78	3.51	68.5	
3	439	127.25	439.4	
4	10,380	75.00	10.9	Upper Marker



Overall Results for sample 9 : New Telesto 40

Number of peaks found: 1
 Noise: 0.4
 Corr. Area 1: 308.8

Region table for sample 9 : New Telesto 40

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	308.8	98	364	27.7	261.24	1,193.5	Blue

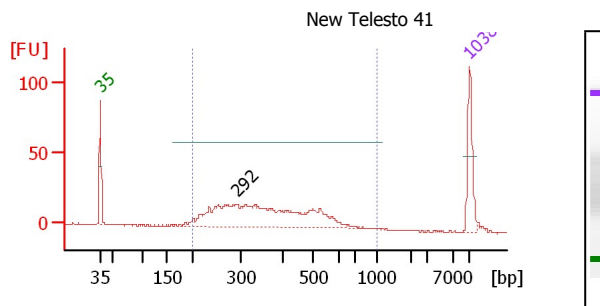
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Electropherogram Summary Continued ...

Peak table for sample 9 : New Telesto 40

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	279	297.65	1,617.0	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 10 : New Telesto 41

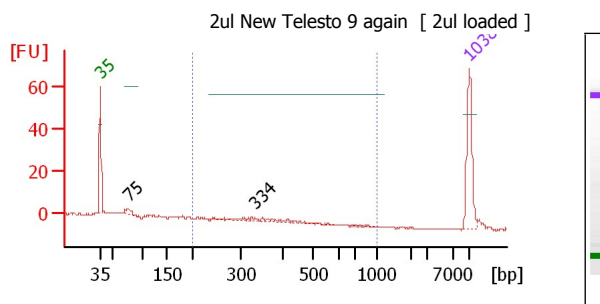
Number of peaks found: 1
 Noise: 0.5
 Corr. Area 1: 440.3

Region table for sample 10 : New Telesto 41

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	440.3	97	378	31.0	468.05	2,129.1	Blue

Peak table for sample 10 : New Telesto 41

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	292	550.67	2,855.8	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 11 : 2ul New Telesto 9 again

Number of peaks found: 2
 Noise: 0.3
 Corr. Area 1: 0.9

Region table for sample 11 : 2ul New Telesto 9 again

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	0.9	5	338	5.1	1.38	6.2	Blue

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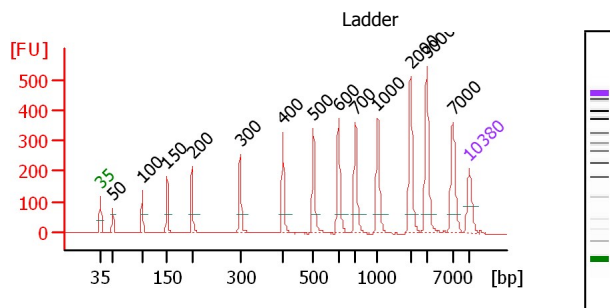
Created: 12/20/2010 2:30:38 PM
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Electropherogram Summary Continued ...

Peak table for sample 11 :

2ul New Telesto 9 again

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	75	12.77	256.7	
3	334	35.96	163.2	
4	10,380	75.00	10.9	Upper Marker



Overall Results for Ladder

Noise: 0.3

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

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