

Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2010-12-20_13-34-07.xad

Created: 12/20/2010 1:34:07 PM
Modified: 12/20/2010 6:45:16 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/ μ l] : 1950
Uses Standard Area for Ladder Fragments
Lower Marker Concentration [pg/ μ l] : 125
Upper Marker Concentration [pg/ μ l] : 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

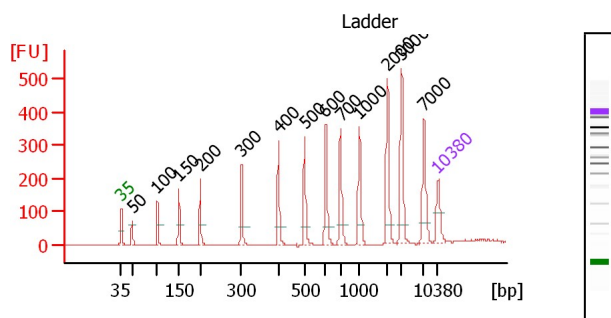
Ladder

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



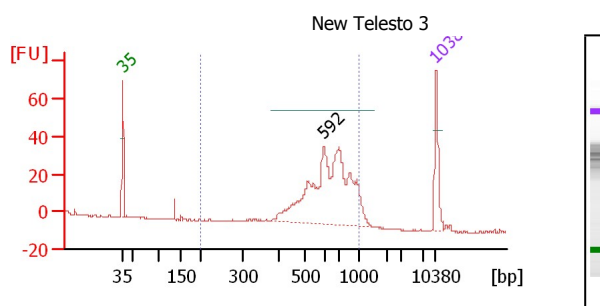
Overall Results for Ladder

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 3

Number of peaks found: 1
 Noise: 0.3
 Corr. Area 1: 419.7

Region table for sample 1 : New Telesto 3

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	419.7	94	651	22.2	602.10	1,487.9	Blue

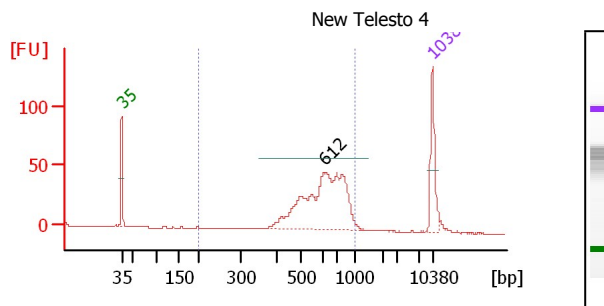
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Electropherogram Summary Continued ...

Peak table for sample 1 : New Telesto 3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	592	635.52	1,625.2	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 2 : New Telesto 4

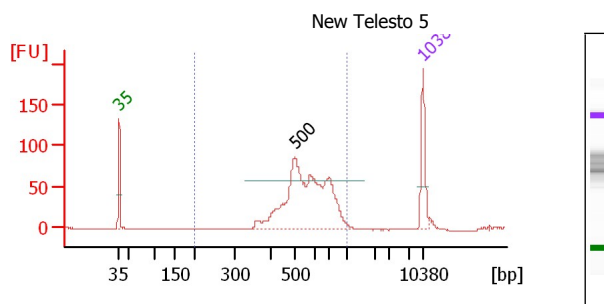
Number of peaks found: 1
 Noise: 0.3
 Corr. Area 1: 593.8

Region table for sample 2 : New Telesto 4

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	593.8	96	629	21.4	440.48	1,126.5	Blue

Peak table for sample 2 : New Telesto 4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	612	418.75	1,036.9	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 3 : New Telesto 5

Number of peaks found: 1
 Noise: 0.2
 Corr. Area 1: 973.1

Region table for sample 3 : New Telesto 5

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	973.1	98	577	20.9	544.29	1,508.8	Blue

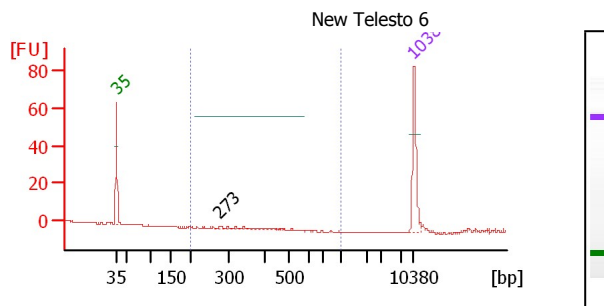
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Electropherogram Summary Continued ...

Peak table for sample 3 : New Telesto 5

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	500	601.59	1,822.3	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 4 : New Telesto 6

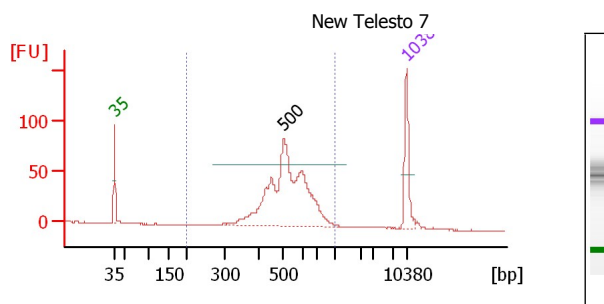
Number of peaks found: 1
 Noise: 0.2
 Corr. Area 1: 0.0

Region table for sample 4 : New Telesto 6

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	0.0	0	0	0.0	0.00	0.0	Blue

Peak table for sample 4 : New Telesto 6

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	273	36.78	203.8	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 5 : New Telesto 7

Number of peaks found: 1
 Noise: 0.2
 Corr. Area 1: 851.5

Region table for sample 5 : New Telesto 7

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	851.5	96	531	20.2	559.29	1,682.3	Blue

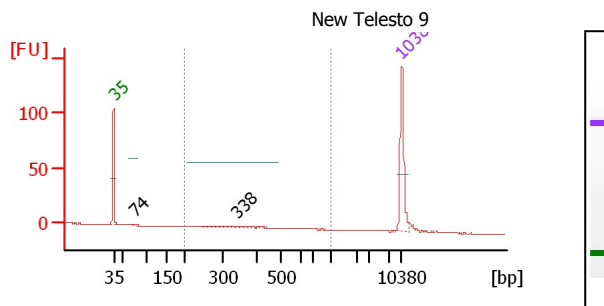
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Electropherogram Summary Continued ...

Peak table for sample 5 : New Telesto 7

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	500	563.31	1,708.0	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 6 : New Telesto 9

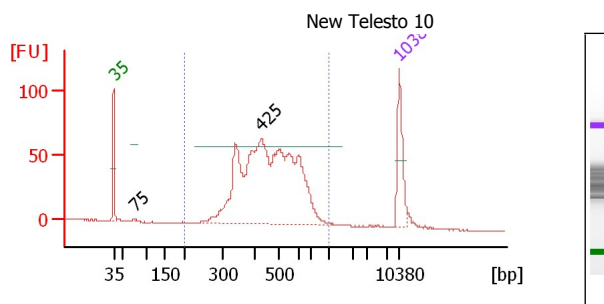
Number of peaks found: 2
 Noise: 0.2
 Corr. Area 1: 17.9

Region table for sample 6 : New Telesto 9

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	17.9	51	407	31.3	14.13	57.9	Blue

Peak table for sample 6 : New Telesto 9

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	74	2.34	47.6	
3	338	15.36	68.8	
4	10,380	75.00	10.9	Upper Marker



Overall Results for sample 7 : New Telesto 10

Number of peaks found: 2
 Noise: 0.2
 Corr. Area 1: 1,324.7

Region table for sample 7 : New Telesto 10

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	1,324.7	97	473	24.4	874.65	3,035.2	Blue

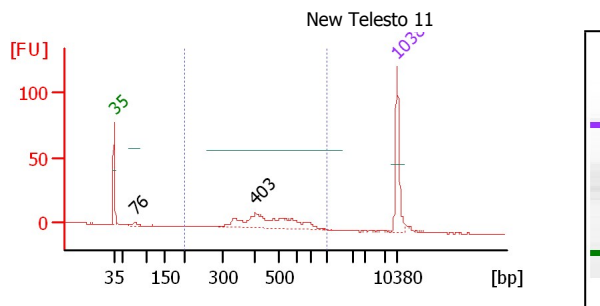
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Electropherogram Summary Continued ...

Peak table for sample 7 : New Telesto 10

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	75	2.91	58.4	
3	425	875.19	3,118.0	
4	10,380	75.00	10.9	Upper Marker



Overall Results for sample 8 : New Telesto 11

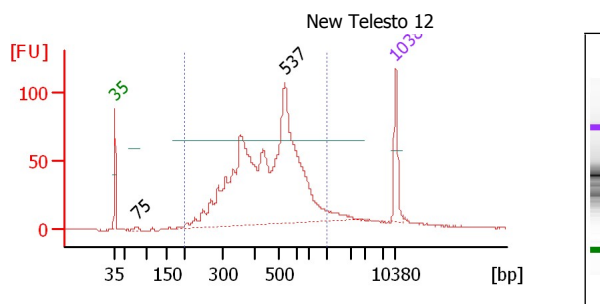
Number of peaks found: 2
 Noise: 0.2
 Corr. Area 1: 161.4

Region table for sample 8 : New Telesto 11

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	161.4	93	484	23.4	145.12	487.1	Blue

Peak table for sample 8 : New Telesto 11

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	76	10.26	205.2	
3	403	166.32	625.8	
4	10,380	75.00	10.9	Upper Marker



Overall Results for sample 9 : New Telesto 12

Number of peaks found: 2
 Noise: 0.2
 Corr. Area 1: 1,622.1

Region table for sample 9 : New Telesto 12

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	1,622.1	91	474	30.1	1,659.11	6,042.4	Blue

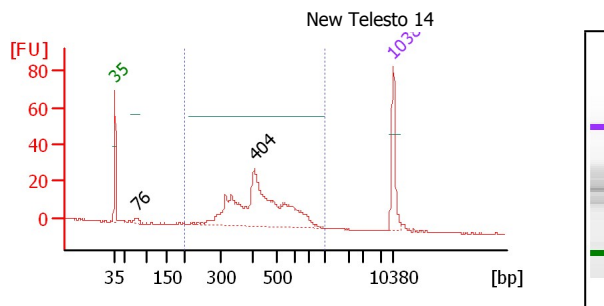
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Electropherogram Summary Continued ...

Peak table for sample 9 : New Telesto 12

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	75	12.44	252.2	
3	537	1,412.89	3,984.6	
4	10,380	75.00	10.9	Upper Marker



Overall Results for sample 10 : New Telesto 14

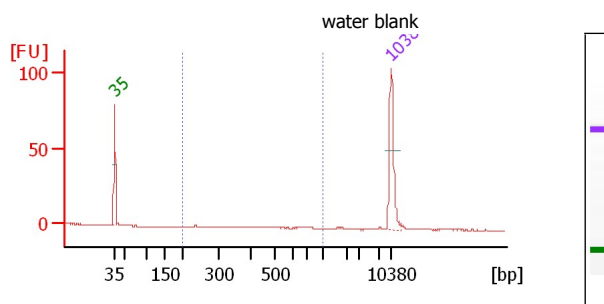
Number of peaks found: 2
 Noise: 0.3
 Corr. Area 1: 357.9

Region table for sample 10 : New Telesto 14

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	357.9	98	447	24.6	446.32	1,634.4	Blue

Peak table for sample 10 : New Telesto 14

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	76	15.83	313.6	
3	404	474.77	1,780.3	
4	10,380	75.00	10.9	Upper Marker



Overall Results for sample 11 : water blank

Number of peaks found: 0
 Noise: 0.2
 Corr. Area 1: 1.2

Region table for sample 11 : water blank

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	1.2	8	694	13.8	0.99	2.2	Blue

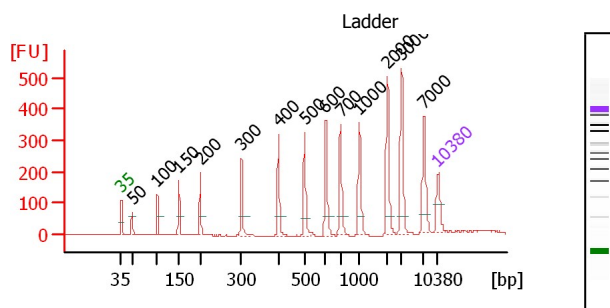
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Electropherogram Summary Continued ...

Peak table for sample 11 : water blank

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



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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