

Assay Class: High Sensitivity DNA Assay
Data Path: D:\...gh Sensitivity DNA Assay_DE24802235_2010-12-16_15-49-59.xad

Created: 12/16/2010 3:50:00 PM
Modified: 12/21/2010 11:00:15 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/ 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] : 5
Area Threshold : 0.1
Width Threshold [s] : 0.6
Baseline Plateau [s] : 0.5

Filter Settings

Filter Width [s] : 0.5
Polynomial Order : 4

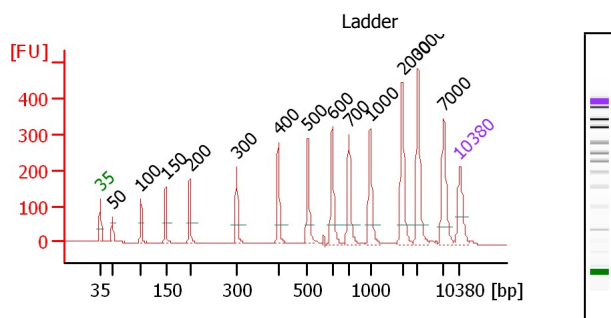
Ladder

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



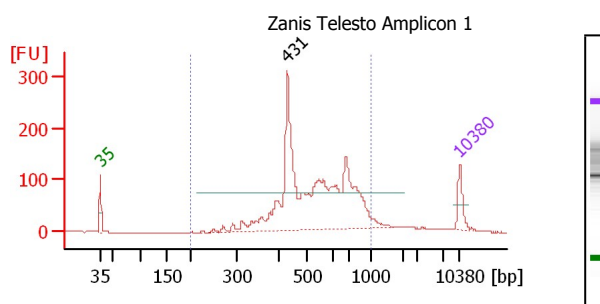
Overall Results for Ladder

Noise: 0.4

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



Overall Results for sample 1 : Zanis Telesto Amplicon 1

Number of peaks found: 1
 Noise: 0.5
 Corr. Area 1: 2,259.8

Region table for sample 1 : Zanis Telesto Amplicon 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	2,259.8	92	553	27.5	1,837.34	5,539.8	Blue

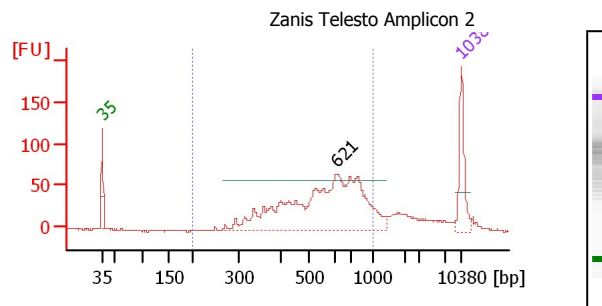
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Electropherogram Summary Continued ...

Peak table for sample 1 : Zanis Telesto Amplicon 1

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.2	Lower Marker
2	431	1,993.31	7,013.4	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 2 : Zanis Telesto Amplicon 2

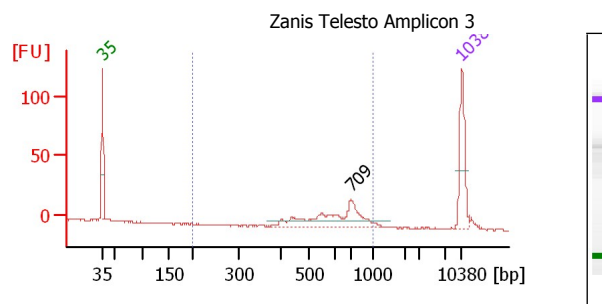
Number of peaks found: 1
 Noise: 0.7
 Corr. Area 1: 1,143.3

Region table for sample 2 : Zanis Telesto Amplicon 2

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	1,143.3	79	577	29.2	579.74	1,723.1	Blue

Peak table for sample 2 : Zanis Telesto Amplicon 2

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	621	553.55	1,349.9	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 3 : Zanis Telesto Amplicon 3

Number of peaks found: 1
 Noise: 0.5
 Corr. Area 1: 125.2

Region table for sample 3 : Zanis Telesto Amplicon 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	125.2	92	650	20.9	92.91	229.0	Blue

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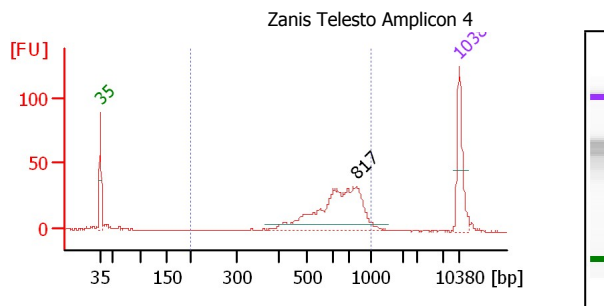
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Electropherogram Summary Continued ...

Peak table for sample 3 :

Zanis Telesto Amplicon 3

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.2	Lower Marker
2	709	134.15	286.6	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 4 : Zanis Telesto Amplicon 4

Number of peaks found: 1
 Noise: 0.4
 Corr. Area 1: 377.1

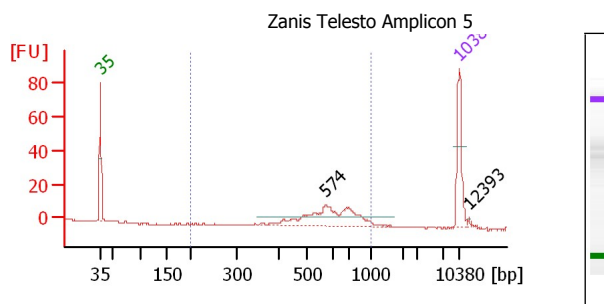
Region table for sample 4 : Zanis Telesto Amplicon 4

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	377.1	86	648	22.1	274.00	685.4	Blue

Peak table for sample 4 :

Zanis Telesto Amplicon 4

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.2	Lower Marker
2	817	236.72	439.2	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 5 : Zanis Telesto Amplicon 5

Number of peaks found: 2
 Noise: 0.3
 Corr. Area 1: 105.9

Region table for sample 5 : Zanis Telesto Amplicon 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	105.9	94	627	20.1	122.41	310.0	Blue

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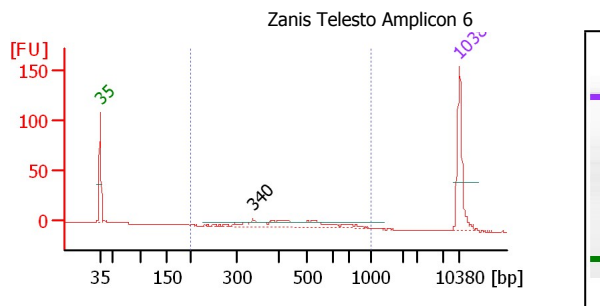
Created: 12/16/2010 3:50:00 PM
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Electropherogram Summary Continued ...

Peak table for sample 5 :

Zanis Telesto Amplicon 5

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	574	167.54	442.3	
3	10,380	75.00	10.9	Upper Marker
4	12,393	0.00	0.0	



Overall Results for sample 6 : Zanis Telesto Amplicon 6

Number of peaks found: 1
 Noise: 0.3
 Corr. Area 1: 129.4

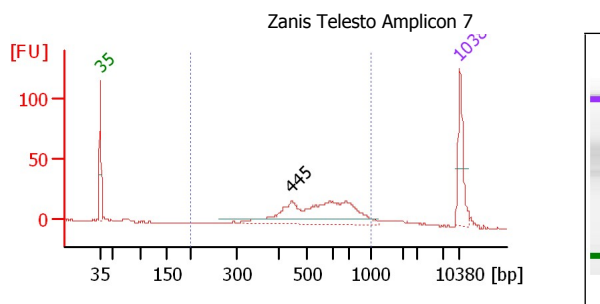
Region table for sample 6 : Zanis Telesto Amplicon 6

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	129.4	96	492	29.0	86.96	295.9	Blue

Peak table for sample 6 :

Zanis Telesto Amplicon 6

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.2	Lower Marker
2	340	123.77	550.8	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 7 : Zanis Telesto Amplicon 7

Number of peaks found: 1
 Noise: 0.3
 Corr. Area 1: 342.5

Region table for sample 7 : Zanis Telesto Amplicon 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	342.5	83	572	26.0	266.18	770.3	Blue

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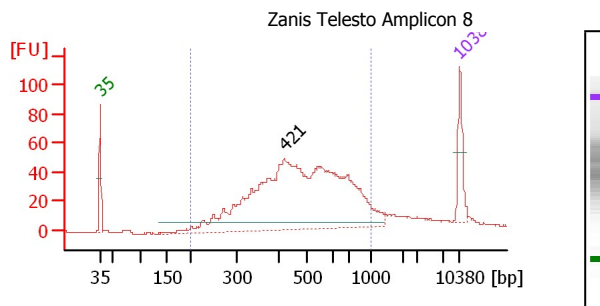
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Electropherogram Summary Continued ...

Peak table for sample 7 :

Zanis Telesto Amplicon 7

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	445	297.07	1,011.2	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 8 : Zanis Telesto Amplicon 8

Number of peaks found: 1
 Noise: 0.5
 Corr. Area 1: 1,163.8

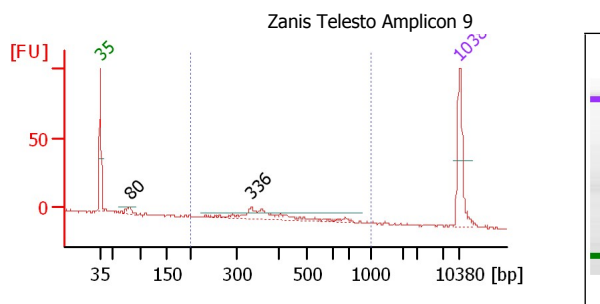
Region table for sample 8 : Zanis Telesto Amplicon 8

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	1,163.8	85	502	32.8	1,327.70	4,646.7	Blue

Peak table for sample 8 :

Zanis Telesto Amplicon 8

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.2	Lower Marker
2	421	1,388.99	4,993.1	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 9 : Zanis Telesto Amplicon 9

Number of peaks found: 2
 Noise: 0.4
 Corr. Area 1: 48.0

Region table for sample 9 : Zanis Telesto Amplicon 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	48.0	82	400	24.1	46.93	188.2	Blue

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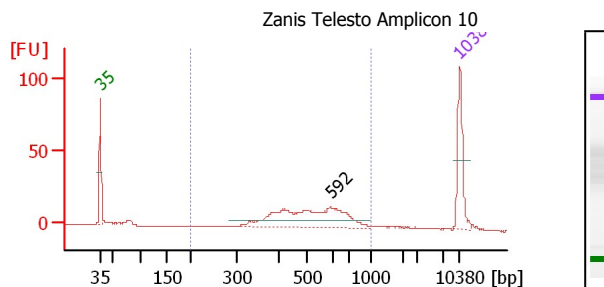
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Electropherogram Summary Continued ...

Peak table for sample 9 :

Zanis Telesto Amplicon 9

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.3	Lower Marker
2	80	18.53	351.9	
3	336	103.97	469.4	
4	10,380	75.00	10.9	Upper Marker



Overall Results for sample 10 : Zanis Telesto Amplicon 10

Number of peaks found: 1
 Noise: 0.3
 Corr. Area 1: 252.1

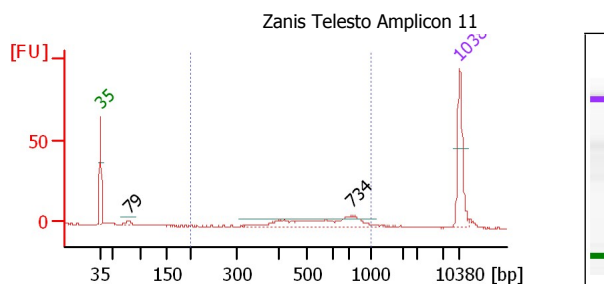
Region table for sample 10 : Zanis Telesto Amplicon 10

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	252.1	84	530	25.2	234.29	725.2	Blue

Peak table for sample 10 :

Zanis Telesto Amplicon 10

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.2	Lower Marker
2	592	196.69	503.6	
3	10,380	75.00	10.9	Upper Marker



Overall Results for sample 11 : Zanis Telesto Amplicon 11

Number of peaks found: 2
 Noise: 0.2
 Corr. Area 1: 82.2

Region table for sample 11 : Zanis Telesto Amplicon 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	82.2	75	602	26.2	87.96	242.2	Blue

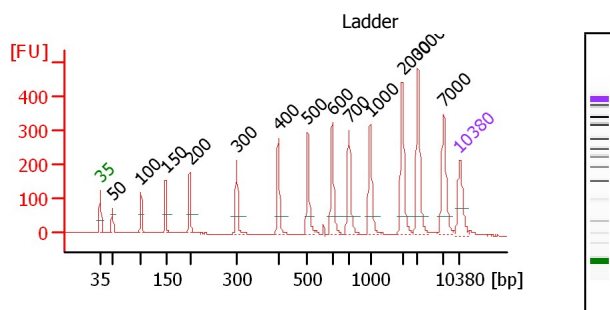
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Electropherogram Summary Continued ...

Peak table for sample 11 : Zanis Telesto Amplicon 11

Peak	Size [bp]	Conc. [pg/μl]	Molarity [pmol/l]	Observations
1	35	125.00	5,411.2	Lower Marker
2	79	12.26	234.9	
3	734	89.73	185.2	
4	10,380	75.00	10.9	Upper Marker



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

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