



# admin\_2011-01-17 13-27- 10\_CC009827\_TelomereAssay\_Test4\_CGS.pcrd

1/18/2011 5:54 PM

## Report Information

User: BioRad\admin  
Data File Name: admin\_2011-01-17 13-27-10\_CC009827\_TelomereAssay\_Test4\_CGS.pcrd  
Data File Path: C:\Users\srlab\Documents\My Dropbox\Roberts Lab CFX96 Data (7)\Caroline\TelomereAssay  
Selected Well Group: All Wells

## Experiment Setup

### Run Information

Run Date: 1/17/2011 1:28:06 PM  
Run User: BioRad\admin  
ID:  
Notes:  
Sample Volume: 25  
Temperature Control Mode: Calculated  
Lid Temperature: 105  
Base Serial Number: CC009827  
Optical Head Serial Number: 785BR3659

### Protocol

1: 95.0°C for 10:00  
2: 95.0°C for 0:15  
3: 56.0°C for 1:00  
4: 72.0°C for 0:10  
Plate Read  
5: GOTO 2, 39 more times  
6: 95.0°C for 0:10  
7: Melt Curve 65°C to 95°C : Increment 0.1°C for 0:05  
Plate Read

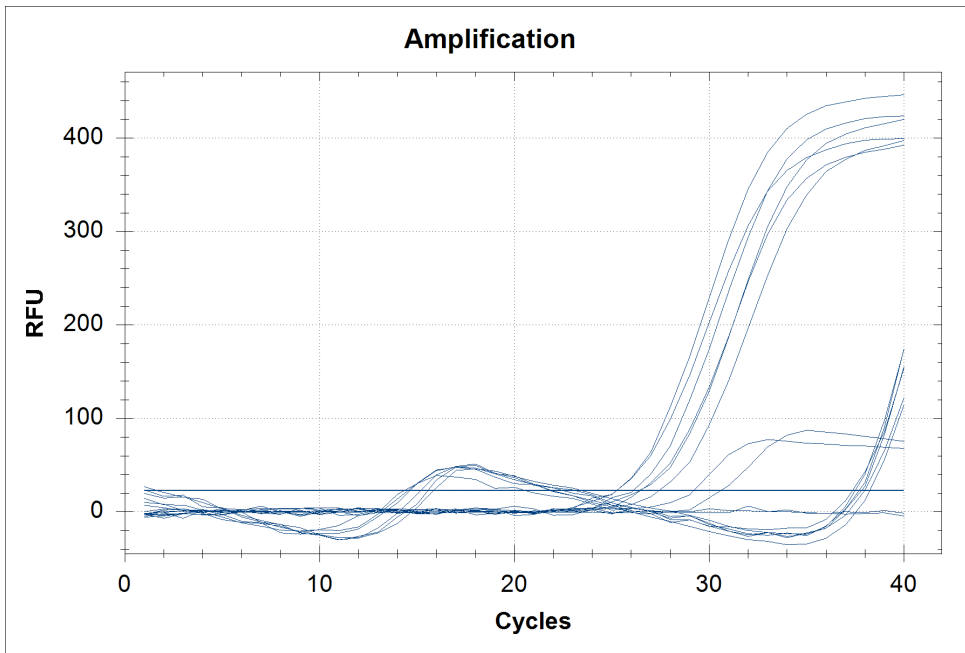
### Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
A	Unk Telomere Adult_1	Unk ElongationF Adult_1										
B	Unk Telomere Adult_1	Unk ElongationF Adult_1										
C	Unk Telomere Adult_2	Unk ElongationF Adult_2										
D	Unk Telomere Juv_1	Unk ElongationF Juv_1										
E	Unk Telomere Juv_1	Unk ElongationF Juv_1										
F	Unk Telomere Juv_2	Unk ElongationF Juv_2										
G	Neg Telomere	Neg ElongationF										
H	Neg Telomere	Neg ElongationF										

## Quantitation

Step #: 4  
Analysis Mode: Baseline Subtracted Curve Fit  
Ct Determination: Single Threshold  
Baseline Method per Fluorophore:  
FAM: Auto Calculated  
Threshold Setting per Fluorophore:  
FAM: 22.97, User Defined

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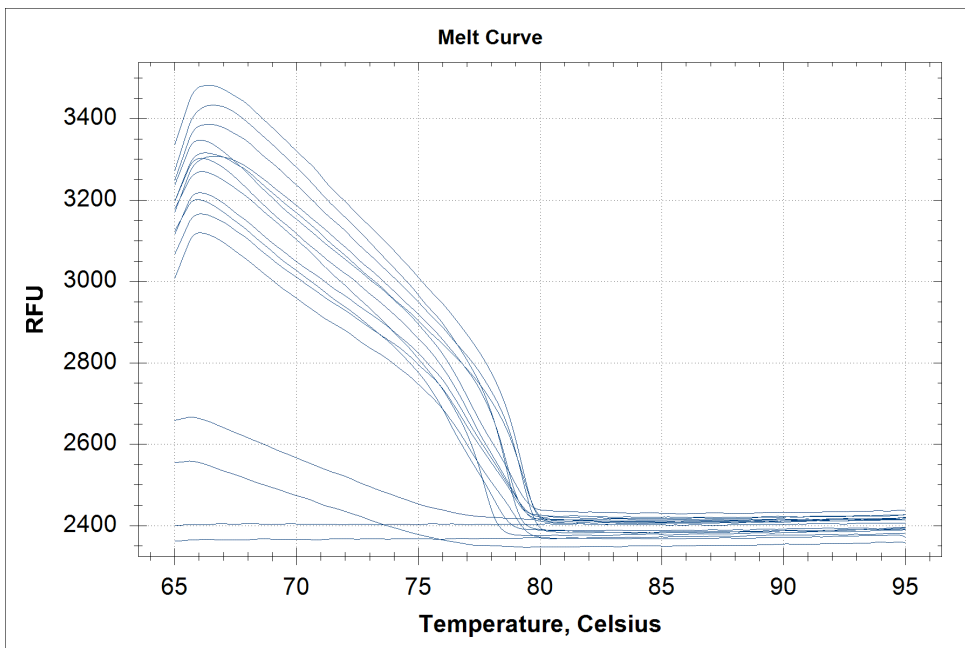


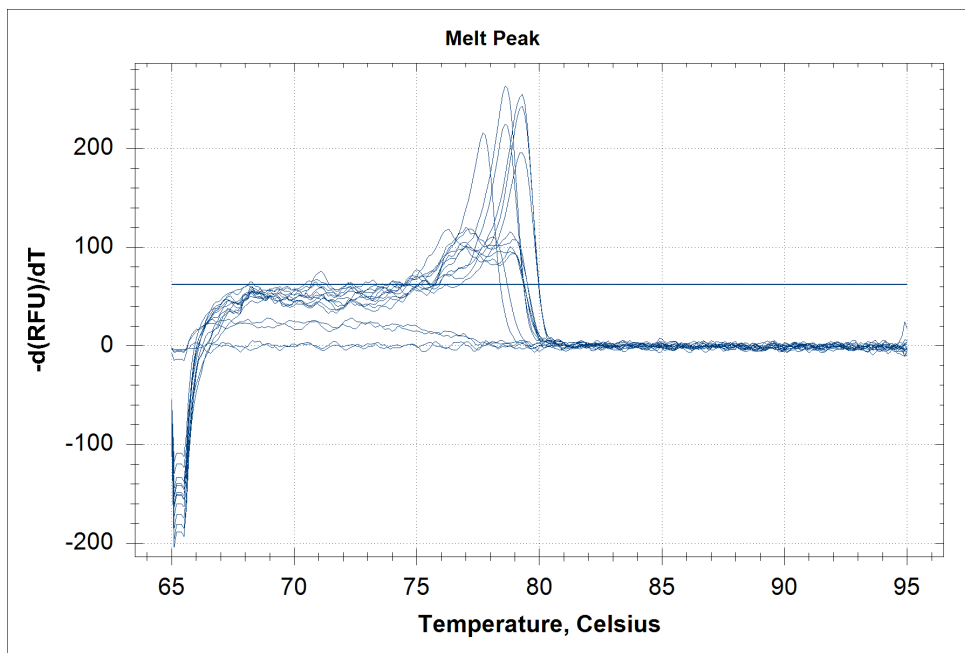
#### Quantitation Data

Well	Fluor	Content	Target	Sample	Threshold Cycle ( C(t) )	C(t) Mean	C(t) Std. Dev
A01	FAM	Unkn	Telomere	Adult_1	37.83	37.83	0.000
A02	FAM	Unkn	ElongationF	Adult_1	26.48	26.48	0.000
B01	FAM	Unkn	Telomere	Adult_1	37.70	37.70	0.000
B02	FAM	Unkn	ElongationF	Adult_1	26.42	26.42	0.000
C01	FAM	Unkn	Telomere	Adult_2	15.86	15.86	0.000
C02	FAM	Unkn	ElongationF	Adult_2	27.43	27.43	0.000
D01	FAM	Unkn	Telomere	Juv_1	14.65	14.65	0.000
D02	FAM	Unkn	ElongationF	Juv_1	25.25	25.25	0.000
E01	FAM	Unkn	Telomere	Juv_1	37.50	37.50	0.000
E02	FAM	Unkn	ElongationF	Juv_1	25.25	25.25	0.000
F01	FAM	Unkn	Telomere	Juv_2	37.36	37.36	0.000
F02	FAM	Unkn	ElongationF	Juv_2	26.11	26.11	0.000
G01	FAM	Neg Ctrl	Telomere		30.60	30.60	0.000
G02	FAM	Neg Ctrl	ElongationF		N/A	0.00	0.000
H01	FAM	Neg Ctrl	Telomere		29.22	29.22	0.000
H02	FAM	Neg Ctrl	ElongationF		N/A	0.00	0.000

#### Melt Curve

Step #: 7





Melt Curve Data

Well	Fluor	Content	Sample	Melt Temp
A01	FAM	Unkn	Adult_1	79.30
A01	FAM	Unkn	Adult_1	72.20
A02	FAM	Unkn	Adult_1	77.00
A02	FAM	Unkn	Adult_1	78.90
B01	FAM	Unkn	Adult_1	79.30
B01	FAM	Unkn	Adult_1	71.10
B02	FAM	Unkn	Adult_1	77.00
B02	FAM	Unkn	Adult_1	78.80
C01	FAM	Unkn	Adult_2	79.30
C02	FAM	Unkn	Adult_2	78.80
C02	FAM	Unkn	Adult_2	77.00
D01	FAM	Unkn	Juv_1	77.70
D01	FAM	Unkn	Juv_1	70.90
D02	FAM	Unkn	Juv_1	77.00
D02	FAM	Unkn	Juv_1	78.80
E01	FAM	Unkn	Juv_1	78.60
E01	FAM	Unkn	Juv_1	75.00
E02	FAM	Unkn	Juv_1	76.30
E02	FAM	Unkn	Juv_1	78.10
F01	FAM	Unkn	Juv_2	78.60
F01	FAM	Unkn	Juv_2	76.10
F02	FAM	Unkn	Juv_2	77.10
F02	FAM	Unkn	Juv_2	78.90