



Roberts Lab_2012-10-26 10-48-07_CC009827.pcrd

10/26/2012 1:42 PM

Report Information

User: BioRad/Roberts Lab
Data File Name: Roberts Lab_2012-10-26 10-48-07_CC009827.pcrd
Data File Path: C:\Users\srlab\Dropbox\Roberts Lab CFX96 Data (7)\Sam
Well Group Name: All Wells
Report Differs from Last Save: Yes

Run Setup

Run Information

Run User: Roberts Lab
Run Date: 10/26/2012 10:48 AM
ID:
Notes:
Sample Volume: 20
Temperature Control Mode: Calculated
Lid Temperature: 105
Base Serial Number: CC009827
Optical Head Serial Number: 785BR3659

Protocol

- 1: 98.0°C for 2:00
- 2: 98.0°C for 0:02
- 3: 60.0°C for 0:05
Plate Read
- 4: GOTO 2, 39 more times
- 5: Melt Curve 65.0°C to 95.0°C : Increment 0.2°C 0:10
Plate Read

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
A	Unk EF1a 1C2 8.5.11	Unk EF1a 1C3 8.5.11	Unk EF1a 1C4 8.5.11	Unk EF1a 3C1 8.5.11	Unk EF1a 3C2 8.5.11	Unk EF1a 3C3 8.5.11	Unk EF1a 4C1 8.5.11	Unk EF1a 4C2 8.5.11	Unk EF1a 4C3 8.5.11	Unk EF1a 1C1 7.29.11	Unk EF1a 1C2 7.29.11	Unk EF1a 1C3 7.29.11
B	Unk EF1a 3C1 7.29.11	Unk EF1a 3C2 7.29.11	Unk EF1a 3C3 7.29.11	Unk EF1a 4C1 7.29.11	Unk EF1a 4C2 7.29.11	Unk EF1a 4C3 7.29.11	Unk EF1a 3C6 8.12.11	Unk EF1a 3C4 8.12.11	Unk EF1a 3C2 8.12.11	Unk EF1a 3C5 8.12.11	Unk EF1a 4C4 8.12.11	Unk EF1a 4C6 8.12.11
C	Unk EF1a 1C6 8.12.11	Unk EF1a 1C5 8.12.11	Unk EF1a 4C5 8.12.11	Unk EF1a 4C2 8.12.11	Unk EF1a 1C1 8.12.11	Unk EF1a 1C2 8.12.11	Unk EF1a 4C5 8.9.11	Unk EF1a 4C4 8.9.11	Unk EF1a 4C6 8.9.11	Unk EF1a 1C6 8.9.11	Unk EF1a 1C5 8.9.11	Unk EF1a 1C1 8.9.11

	1	2	3	4	5	6	7	8	9	10	11	12
D	Unk EF1a 3C6 8.9.11	Unk EF1a 3C5 8.9.11	Unk EF1a 3C4 8.9.11	Unk EF1a 1C4 8.2.11	Unk EF1a 1C5 8.2.11	Unk EF1a 1C6 8.2.11	Unk EF1a 4C5 8.2.11	Unk EF1a 4C6 8.2.11	Unk EF1a 4C4 8.2.11	Unk EF1a 3C5 8.2.11	Unk EF1a 3C6 8.2.11	Unk EF1a 3C4 8.2.11
E	Unk EF1a Day0-1	Unk EF1a Day0-2	Unk EF1a Day0-3	Unk EF1a Day0-4	Unk EF1a Day0-5	Pos-1 EF1a Pooled cDNA	Pos-1 EF1a Pooled cDNA	NTC-1 EF1a	NTC-1 EF1a			
F												
G												
H												

Quantification

Step #: 3

Analysis Mode: Fluorophore

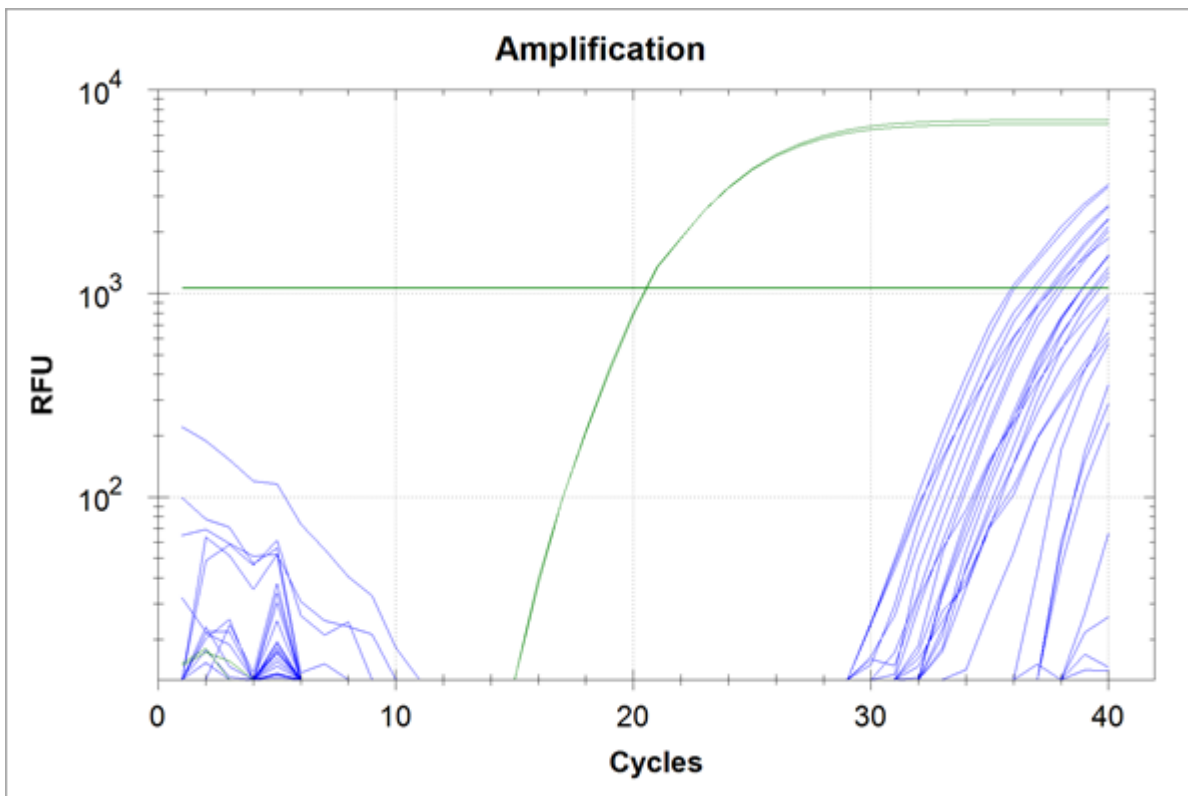
Cq Determination: Single Threshold

Baseline Method:

SYBR: Auto Calculated

Threshold Setting:

SYBR: 1064.60, Auto Calculated



Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A01	SYBR	EF1a	Unkn	1C2 8.5.11	N/A	0.00	0.000
A02	SYBR	EF1a	Unkn	1C3 8.5.11	N/A	0.00	0.000
A03	SYBR	EF1a	Unkn	1C4 8.5.11	N/A	0.00	0.000
A04	SYBR	EF1a	Unkn	3C1 8.5.11	N/A	0.00	0.000
A05	SYBR	EF1a	Unkn	3C2 8.5.11	N/A	0.00	0.000

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A06	SYBR	EF1a	Unkn	3C3 8.5.11	N/A	0.00	0.000
A07	SYBR	EF1a	Unkn	4C1 8.5.11	N/A	0.00	0.000
A08	SYBR	EF1a	Unkn	4C2 8.5.11	N/A	0.00	0.000
A09	SYBR	EF1a	Unkn	4C3 8.5.11	N/A	0.00	0.000
A10	SYBR	EF1a	Unkn	1C1 7.29.11	N/A	0.00	0.000
A11	SYBR	EF1a	Unkn	1C2 7.29.11	N/A	0.00	0.000
A12	SYBR	EF1a	Unkn	1C3 7.29.11	N/A	0.00	0.000
B01	SYBR	EF1a	Unkn	3C1 7.29.11	N/A	0.00	0.000
B02	SYBR	EF1a	Unkn	3C2 7.29.11	N/A	0.00	0.000
B03	SYBR	EF1a	Unkn	3C3 7.29.11	N/A	0.00	0.000
B04	SYBR	EF1a	Unkn	4C1 7.29.11	N/A	0.00	0.000
B05	SYBR	EF1a	Unkn	4C2 7.29.11	N/A	0.00	0.000
B06	SYBR	EF1a	Unkn	4C3 7.29.11	N/A	0.00	0.000
B07	SYBR	EF1a	Unkn	3C6 8.12.11	N/A	0.00	0.000
B08	SYBR	EF1a	Unkn	3C4 8.12.11	N/A	0.00	0.000
B09	SYBR	EF1a	Unkn	3C2 8.12.11	N/A	0.00	0.000
B10	SYBR	EF1a	Unkn	3C5 8.12.11	N/A	0.00	0.000
B11	SYBR	EF1a	Unkn	4C4 8.12.11	37.66	37.66	0.000
B12	SYBR	EF1a	Unkn	4C6 8.12.11	N/A	0.00	0.000
C01	SYBR	EF1a	Unkn	1C6 8.12.11	N/A	0.00	0.000
C02	SYBR	EF1a	Unkn	1C5 8.12.11	N/A	0.00	0.000
C03	SYBR	EF1a	Unkn	4C5 8.12.11	39.40	39.40	0.000
C04	SYBR	EF1a	Unkn	4C2 8.12.11	N/A	0.00	0.000
C05	SYBR	EF1a	Unkn	1C1 8.12.11	N/A	0.00	0.000
C06	SYBR	EF1a	Unkn	1C2 8.12.11	N/A	0.00	0.000
C07	SYBR	EF1a	Unkn	4C5 8.9.11	N/A	0.00	0.000
C08	SYBR	EF1a	Unkn	4C4 8.9.11	N/A	0.00	0.000
C09	SYBR	EF1a	Unkn	4C6 8.9.11	N/A	0.00	0.000
C10	SYBR	EF1a	Unkn	1C6 8.9.11	N/A	0.00	0.000
C11	SYBR	EF1a	Unkn	1C5 8.9.11	N/A	0.00	0.000
C12	SYBR	EF1a	Unkn	1C1 8.9.11	36.81	36.81	0.000
D01	SYBR	EF1a	Unkn	3C6 8.9.11	N/A	0.00	0.000
D02	SYBR	EF1a	Unkn	3C5 8.9.11	36.04	36.04	0.000
D03	SYBR	EF1a	Unkn	3C4 8.9.11	37.57	37.57	0.000
D04	SYBR	EF1a	Unkn	1C4 8.2.11	39.29	39.29	0.000
D05	SYBR	EF1a	Unkn	1C5 8.2.11	37.01	37.01	0.000
D06	SYBR	EF1a	Unkn	1C6 8.2.11	38.08	38.08	0.000
D07	SYBR	EF1a	Unkn	4C5 8.2.11	37.86	37.86	0.000
D08	SYBR	EF1a	Unkn	4C6 8.2.11	38.90	38.90	0.000
D09	SYBR	EF1a	Unkn	4C4 8.2.11	37.45	37.45	0.000
D10	SYBR	EF1a	Unkn	3C5 8.2.11	35.91	35.91	0.000
D11	SYBR	EF1a	Unkn	3C6 8.2.11	38.91	38.91	0.000
D12	SYBR	EF1a	Unkn	3C4 8.2.11	39.60	39.60	0.000
E01	SYBR	EF1a	Unkn	Day0-1	N/A	0.00	0.000
E02	SYBR	EF1a	Unkn	Day0-2	N/A	0.00	0.000
E03	SYBR	EF1a	Unkn	Day0-3	38.90	38.90	0.000
E04	SYBR	EF1a	Unkn	Day0-4	N/A	0.00	0.000
E05	SYBR	EF1a	Unkn	Day0-5	N/A	0.00	0.000
E06	SYBR	EF1a	Pos Ctrl-1	Pooled cDNA	20.50	20.49	0.026

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
E07	SYBR	EF1a	Pos Ctrl-1	Pooled cDNA	20.47	20.49	0.026
E08	SYBR	EF1a	NTC-1		N/A	0.00	0.000
E09	SYBR	EF1a	NTC-1		N/A	0.00	0.000

QC Parameters

Description	Value	Use	Results	Exclude Wells	All excluded wells
Negative control with a Cq less than	38	True		False	
NTC with a Cq less than	38	True		False	
NRT with a Cq less than	38	True		False	
Positive control with a Cq greater than	30	True		False	
Unknown without a Cq	N/A	True	SYBR:A1, A2, A3, A4, A5, A6, A7, A8, A9, A10, A11, A12, B1, B2, B3, B4, B5, B6, B7, B8, B9, B10, B12, C1, C2, C4, C5, C6, C7, C8, C9, C10, C11, D1, E1, E2, E4, E5.	False	
Standard without a Cq	N/A	True		False	
Efficiency greater than	110.0	True			
Efficiency less than	90.0	True			
Std Curve R ² less than	0.980	True			
Replicate group Cq Std Dev greater than	0.20	True		False	