



# Sam\_2010-12-08 10-24-42\_CC009827.pcrd

12/8/2010 1:41 PM

## Report Information

User: BioRad\Sam  
Data File Name: Sam\_2010-12-08 10-24-42\_CC009827.pcrd  
Data File Path: C:\Users\Sam\Documents\My Dropbox\Friedman Lab\Sam Friedman Lab\CFX Data Files  
Selected Well Group: All Wells

## Experiment Setup

### Run Information

Run Date: 12/8/2010 10:24:55 AM  
Run User: BioRad\Sam  
ID:  
Notes:  
Sample Volume: 25  
Temperature Control Mode: Calculated  
Lid Temperature: 105  
Base Serial Number: CC009827  
Optical Head Serial Number: 785BR3659

### Protocol

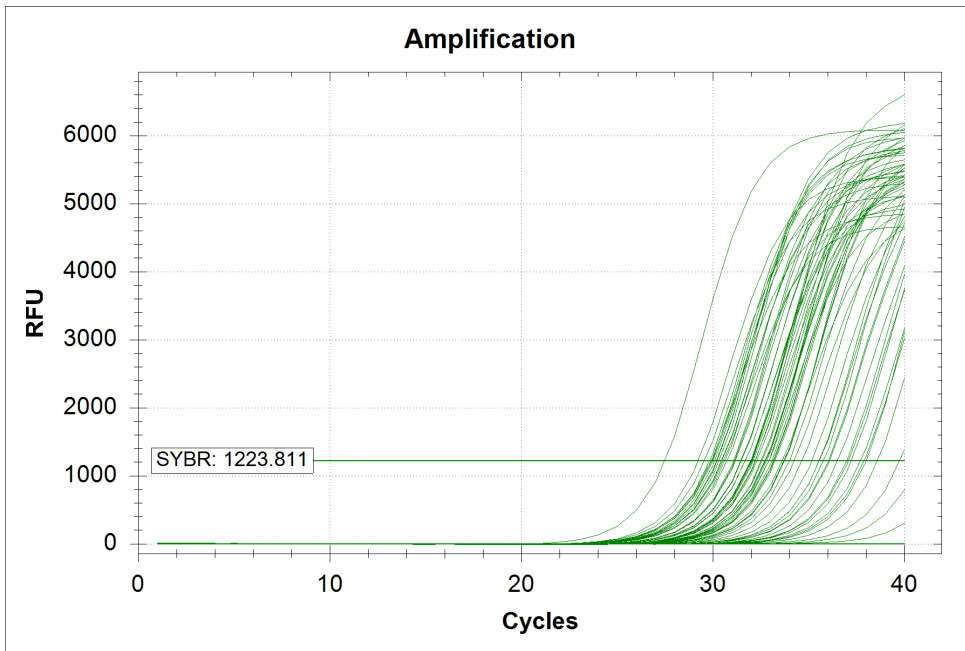
- 1: 95.0°C for 10:00
  - 2: 95.0°C for 0:10
  - 3: 55.0°C for 0:10
  - 4: 72.0°C for 0:20
- Plate Read
- 5: GOTO 2, 39 more times
  - 6: 95.0°C for 0:10
  - 7: Melt Curve 65°C to 95°C : Increment 0.5°C for 0:05
- Plate Read

### Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
A	Unk NEC1_RAT 06:5-31	Unk NEC1_RAT 06-5:32	Unk NEC1_RAT 06:5-34	Unk NEC1_RAT 06:5-35	Unk NEC1_RAT 06:5-36	Unk NEC1_RAT 06:5-37	NTC NEC1_RAT	NTC NEC1_RAT	NTC NEC1_RAT	NTC NEC1_RAT		
B	Unk NEC1_RAT 06:6-43	Unk NEC1_RAT 06:6-44	Unk NEC1_RAT 06:6-45	Unk NEC1_RAT 06:6-46	Unk NEC1_RAT 06:6-47	Unk NEC1_RAT 06:6-49	Unk NEC1_RAT 06:6-50	Unk NEC1_RAT 06:6-51	Unk NEC1_RAT 06:6-52	NTC NEC1_RAT		
C	Unk NEC1_RAT 07:12-1	Unk NEC1_RAT 07:12-2	Unk NEC1_RAT 07:12-3	Unk NEC1_RAT 07:12-4	Unk NEC1_RAT 07:12-5	Unk NEC1_RAT 07:12-6	Unk NEC1_RAT 07:12-7	Unk NEC1_RAT 07:12-8	Unk NEC1_RAT 07:12-9	Unk NEC1_RAT 07:12-10		
D	Unk NEC1_RAT 07:12-11	Unk NEC1_RAT 07:12-12	Unk NEC1_RAT 07:12-13	Unk NEC1_RAT 07:12-14	Unk NEC1_RAT 07:12-15	Unk NEC1_RAT 07:12-16	Unk NEC1_RAT 07:12-17	Unk NEC1_RAT 07:12-18	Unk NEC1_RAT 07:12-20	NTC NEC1_RAT		
E	Unk NEC1_RAT 08:3-5	Unk NEC1_RAT 08:3-6	Unk NEC1_RAT 08:3-7	Unk NEC1_RAT 08:3-8	Unk NEC1_RAT 08:3-9	Unk NEC1_RAT 08:3-10	Unk NEC1_RAT 08:3-11	Unk NEC1_RAT 08:3-12	Unk NEC1_RAT 08:3-13	Unk NEC1_RAT 08:3-14		
F	Unk NEC1_RAT 08:3-15	Unk NEC1_RAT 08:3-16	Unk NEC1_RAT 08:3-17	Unk NEC1_RAT 08:3-18	Unk NEC1_RAT 08:3-19	Unk NEC1_RAT 08:3-20	Unk NEC1_RAT 08:3-21	Unk NEC1_RAT 08:3-22	Unk NEC1_RAT 08:3-23	Unk NEC1_RAT 08:3-25		
G	Unk NEC1_RAT 08:4-1	Unk NEC1_RAT 08:4-2	Unk NEC1_RAT 08:4-3	Unk NEC1_RAT 08:4-4	Unk NEC1_RAT 08:4-5	Unk NEC1_RAT 08:4-6	Unk NEC1_RAT 08:4-7	Unk NEC1_RAT 08:4-8	Unk NEC1_RAT 08:4-9	Unk NEC1_RAT 08:4-10		
H	Unk NEC1_RAT 08:4-11	Unk NEC1_RAT 08:4-12	Unk NEC1_RAT 08:4-13	Unk NEC1_RAT 08:4-14	Unk NEC1_RAT 08:4-15	Unk NEC1_RAT 08:4-16	Unk NEC1_RAT 08:4-17	Unk NEC1_RAT 08:4-18	Unk NEC1_RAT 08:4-18			

## Quantitation

Step #: 4  
Analysis Mode: Baseline Subtracted Curve Fit  
Ct Determination: Single Threshold  
Baseline Method per Fluorophore:  
SYBR: Auto Calculated  
Threshold Setting per Fluorophore:  
SYBR: 1223.81, Auto Calculated



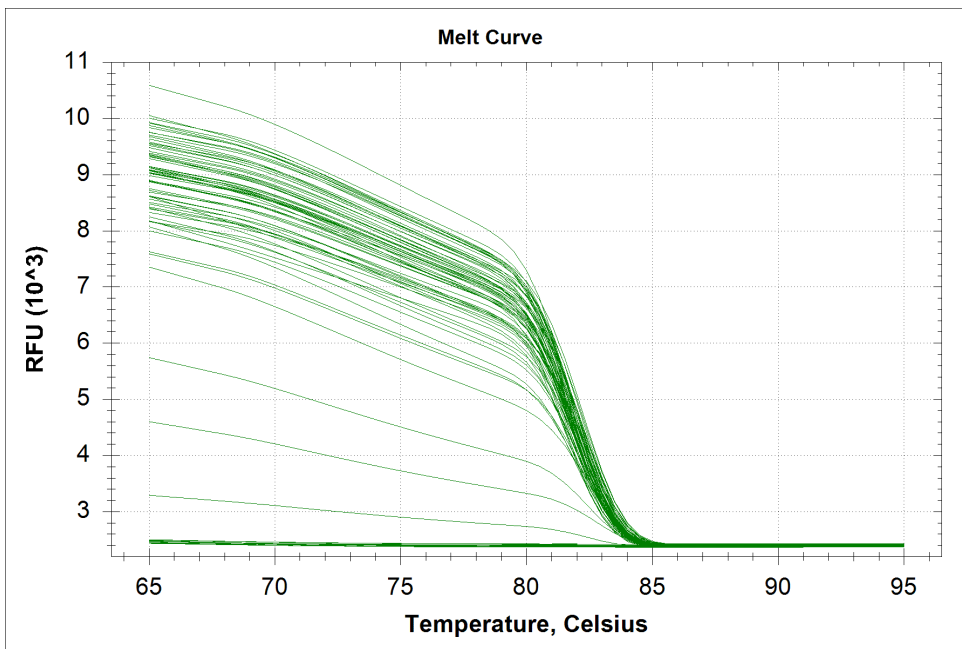
#### Quantitation Data

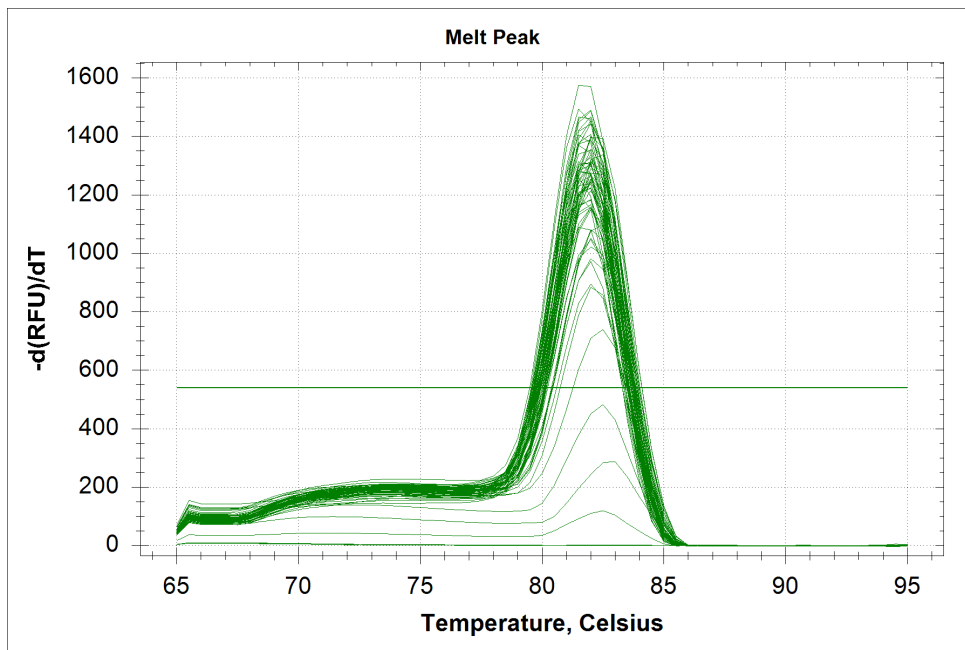
Well	Fluor	Content	Target	Sample	Threshold Cycle ( C(t) )	C(t) Mean	C(t) Std. Dev
A01	SYBR	Unkn	NEC1_RAT	06:5-31	32.71	32.71	0.000
A02	SYBR	Unkn	NEC1_RAT	06:5-32	35.75	35.75	0.000
A03	SYBR	Unkn	NEC1_RAT	06:5-34	33.15	33.15	0.000
A04	SYBR	Unkn	NEC1_RAT	06:5-35	35.53	35.53	0.000
A05	SYBR	Unkn	NEC1_RAT	06:5-36	30.08	30.08	0.000
A06	SYBR	Unkn	NEC1_RAT	06:5-37	30.18	30.18	0.000
A07	SYBR	NTC	NEC1_RAT		N/A	0.00	0.000
A08	SYBR	NTC	NEC1_RAT		N/A	0.00	0.000
A09	SYBR	NTC	NEC1_RAT		N/A	0.00	0.000
A10	SYBR	NTC	NEC1_RAT		N/A	0.00	0.000
B01	SYBR	Unkn	NEC1_RAT	06:6-43	36.99	36.99	0.000
B02	SYBR	Unkn	NEC1_RAT	06:6-44	27.47	27.47	0.000
B03	SYBR	Unkn	NEC1_RAT	06:6-45	33.69	33.69	0.000
B04	SYBR	Unkn	NEC1_RAT	06:6-46	32.79	32.79	0.000
B05	SYBR	Unkn	NEC1_RAT	06:6-47	32.50	32.50	0.000
B06	SYBR	Unkn	NEC1_RAT	06:6-49	32.21	32.21	0.000
B07	SYBR	Unkn	NEC1_RAT	06:6-50	33.73	33.73	0.000
B08	SYBR	Unkn	NEC1_RAT	06:6-51	32.05	32.05	0.000
B09	SYBR	Unkn	NEC1_RAT	06:6-52	31.98	31.98	0.000
B10	SYBR	NTC	NEC1_RAT		N/A	0.00	0.000
C01	SYBR	Unkn	NEC1_RAT	07:12-1	34.00	34.00	0.000
C02	SYBR	Unkn	NEC1_RAT	07:12-2	N/A	0.00	0.000
C03	SYBR	Unkn	NEC1_RAT	07:12-3	32.09	32.09	0.000
C04	SYBR	Unkn	NEC1_RAT	07:12-4	N/A	0.00	0.000
C05	SYBR	Unkn	NEC1_RAT	07:12-5	33.18	33.18	0.000
C06	SYBR	Unkn	NEC1_RAT	07:12-6	38.01	38.01	0.000
C07	SYBR	Unkn	NEC1_RAT	07:12-7	37.21	37.21	0.000
C08	SYBR	Unkn	NEC1_RAT	07:12-8	32.91	32.91	0.000
C09	SYBR	Unkn	NEC1_RAT	07:12-9	33.69	33.69	0.000
C10	SYBR	Unkn	NEC1_RAT	07:12-10	36.08	36.08	0.000
D01	SYBR	Unkn	NEC1_RAT	07:12-11	N/A	0.00	0.000
D02	SYBR	Unkn	NEC1_RAT	07:12-12	37.89	37.89	0.000
D03	SYBR	Unkn	NEC1_RAT	07:12-13	N/A	0.00	0.000
D04	SYBR	Unkn	NEC1_RAT	07:12-14	36.03	36.03	0.000
D05	SYBR	Unkn	NEC1_RAT	07:12-15	39.73	39.73	0.000
D06	SYBR	Unkn	NEC1_RAT	07:12-16	38.57	38.57	0.000
D07	SYBR	Unkn	NEC1_RAT	07:12-17	N/A	0.00	0.000
D08	SYBR	Unkn	NEC1_RAT	07:12-18	N/A	0.00	0.000
D09	SYBR	Unkn	NEC1_RAT	07:12-20	35.54	35.54	0.000
D10	SYBR	NTC	NEC1_RAT		N/A	0.00	0.000
E01	SYBR	Unkn	NEC1_RAT	08:3-5	33.60	33.60	0.000
E02	SYBR	Unkn	NEC1_RAT	08:3-6	31.68	31.68	0.000
E03	SYBR	Unkn	NEC1_RAT	08:3-7	37.69	37.69	0.000
E04	SYBR	Unkn	NEC1_RAT	08:3-8	36.48	36.48	0.000

E05	SYBR	Unkn	NEC1_RAT	08:3-9	35.16	35.16	0.000
E06	SYBR	Unkn	NEC1_RAT	08:3-10	32.55	32.55	0.000
E07	SYBR	Unkn	NEC1_RAT	08:3-11	32.74	32.74	0.000
E08	SYBR	Unkn	NEC1_RAT	08:3-12	29.82	29.82	0.000
E09	SYBR	Unkn	NEC1_RAT	08:3-13	30.72	30.72	0.000
E10	SYBR	Unkn	NEC1_RAT	08:3-14	33.23	33.23	0.000
F01	SYBR	Unkn	NEC1_RAT	08:3-15	31.45	31.45	0.000
F02	SYBR	Unkn	NEC1_RAT	08:3-16	32.92	32.92	0.000
F03	SYBR	Unkn	NEC1_RAT	08:3-17	32.29	32.29	0.000
F04	SYBR	Unkn	NEC1_RAT	08:3-18	37.07	37.07	0.000
F05	SYBR	Unkn	NEC1_RAT	08:3-19	30.61	30.61	0.000
F06	SYBR	Unkn	NEC1_RAT	08:3-20	NA	0.00	0.000
F07	SYBR	Unkn	NEC1_RAT	08:3-21	32.71	32.71	0.000
F08	SYBR	Unkn	NEC1_RAT	08:3-22	30.21	30.21	0.000
F09	SYBR	Unkn	NEC1_RAT	08:3-23	34.23	34.23	0.000
F10	SYBR	Unkn	NEC1_RAT	08:3-25	31.12	31.12	0.000
G01	SYBR	Unkn	NEC1_RAT	08:4-1	31.47	31.47	0.000
G02	SYBR	Unkn	NEC1_RAT	08:4-2	29.22	29.22	0.000
G03	SYBR	Unkn	NEC1_RAT	08:4-3	29.94	29.94	0.000
G04	SYBR	Unkn	NEC1_RAT	08:4-4	32.19	32.19	0.000
G05	SYBR	Unkn	NEC1_RAT	08:4-5	34.63	34.63	0.000
G06	SYBR	Unkn	NEC1_RAT	08:4-6	32.00	32.00	0.000
G07	SYBR	Unkn	NEC1_RAT	08:4-7	33.08	33.08	0.000
G08	SYBR	Unkn	NEC1_RAT	08:4-8	30.30	30.30	0.000
G09	SYBR	Unkn	NEC1_RAT	08:4-9	30.00	30.00	0.000
G10	SYBR	Unkn	NEC1_RAT	08:4-10	31.08	31.08	0.000
H01	SYBR	Unkn	NEC1_RAT	08:4-11	31.67	31.67	0.000
H02	SYBR	Unkn	NEC1_RAT	08:4-12	30.53	30.53	0.000
H03	SYBR	Unkn	NEC1_RAT	08:4-13	NA	0.00	0.000
H04	SYBR	Unkn	NEC1_RAT	08:4-14	30.45	30.45	0.000
H05	SYBR	Unkn	NEC1_RAT	08:4-15	30.44	30.44	0.000
H06	SYBR	Unkn	NEC1_RAT	08:4-16	31.16	31.16	0.000
H07	SYBR	Unkn	NEC1_RAT	08:4-17	29.90	29.90	0.000
H08	SYBR	Unkn	NEC1_RAT	08:4-18	32.02	32.02	0.000
H09	SYBR	Unkn	NEC1_RAT	08:4-18	29.53	29.53	0.000

## Melt Curve

Step #: 7





**Melt Curve Data**

Well	Fluor	Content	Sample	Melt Temp
A01	SYBR	Unkn	06:5-31	81.50
A02	SYBR	Unkn	06:5-32	82.00
A03	SYBR	Unkn	06:5-34	82.00
A04	SYBR	Unkn	06:5-35	82.00
A05	SYBR	Unkn	06:5-36	82.50
A06	SYBR	Unkn	06:5-37	81.50
B01	SYBR	Unkn	06:6-43	82.00
B02	SYBR	Unkn	06:6-44	82.00
B03	SYBR	Unkn	06:6-45	81.50
B04	SYBR	Unkn	06:6-46	81.50
B05	SYBR	Unkn	06:6-47	82.00
B06	SYBR	Unkn	06:6-49	81.50
B07	SYBR	Unkn	06:6-50	82.00
B08	SYBR	Unkn	06:6-51	82.00
B09	SYBR	Unkn	06:6-52	82.00
C01	SYBR	Unkn	07:12-1	82.00
C03	SYBR	Unkn	07:12-3	82.00
C05	SYBR	Unkn	07:12-5	81.50
C06	SYBR	Unkn	07:12-6	82.00
C07	SYBR	Unkn	07:12-7	82.00
C08	SYBR	Unkn	07:12-8	82.00
C09	SYBR	Unkn	07:12-9	82.00
C10	SYBR	Unkn	07:12-10	82.00
D02	SYBR	Unkn	07:12-12	82.00
D04	SYBR	Unkn	07:12-14	82.00
D06	SYBR	Unkn	07:12-16	82.50
D09	SYBR	Unkn	07:12-20	82.50
E01	SYBR	Unkn	08:3-5	82.00
E02	SYBR	Unkn	08:3-6	82.00
E03	SYBR	Unkn	08:3-7	82.00
E04	SYBR	Unkn	08:3-8	82.00
E05	SYBR	Unkn	08:3-9	82.00
E06	SYBR	Unkn	08:3-10	82.00
E07	SYBR	Unkn	08:3-11	82.00
E08	SYBR	Unkn	08:3-12	82.00
E09	SYBR	Unkn	08:3-13	82.00
E10	SYBR	Unkn	08:3-14	82.00
F01	SYBR	Unkn	08:3-15	82.00
F02	SYBR	Unkn	08:3-16	82.00
F03	SYBR	Unkn	08:3-17	81.50
F04	SYBR	Unkn	08:3-18	82.00
F05	SYBR	Unkn	08:3-19	82.00
F07	SYBR	Unkn	08:3-21	82.00
F08	SYBR	Unkn	08:3-22	82.00

F09	SYBR	Unkn	08:3-23	82.00
F10	SYBR	Unkn	08:3-25	81.50
G01	SYBR	Unkn	08:4-1	82.00
G02	SYBR	Unkn	08:4-2	82.00
G03	SYBR	Unkn	08:4-3	82.00
G04	SYBR	Unkn	08:4-4	81.50
G05	SYBR	Unkn	08:4-5	82.00
G06	SYBR	Unkn	08:4-6	82.00
G07	SYBR	Unkn	08:4-7	82.00
G08	SYBR	Unkn	08:4-8	82.00
G09	SYBR	Unkn	08:4-9	82.00
G10	SYBR	Unkn	08:4-10	82.00
H01	SYBR	Unkn	08:4-11	82.00
H02	SYBR	Unkn	08:4-12	81.50
H04	SYBR	Unkn	08:4-14	82.00
H05	SYBR	Unkn	08:4-15	82.00
H06	SYBR	Unkn	08:4-16	82.00
H07	SYBR	Unkn	08:4-17	81.50
H08	SYBR	Unkn	08:4-18	82.00
H09	SYBR	Unkn	08:4-18	82.00