



Sam_2010-12-08 12-01-44_CC009827.pcrd

12/8/2010 1:42 PM

Report Information

User: BioRad\Sam
Data File Name: Sam_2010-12-08 12-01-44_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 12:01:58 PM
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

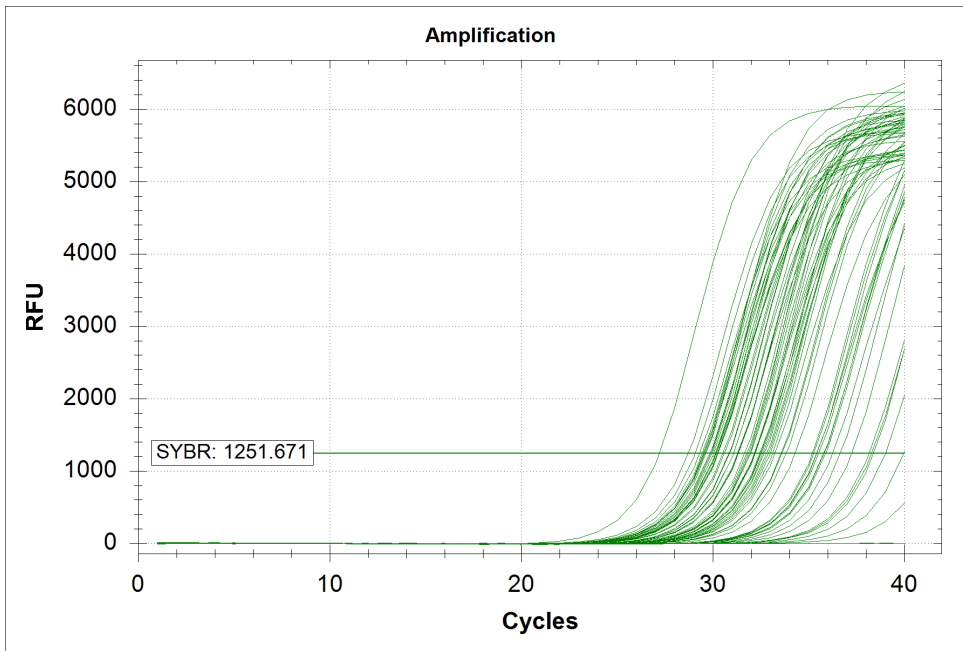
- 1: 95.0°C for 10:00
 - 2: 95.0°C for 0:10
 - 3: 55.0°C for 0:10
 - 4: 72.0°C for 0:20
- Plate Read
- 5: GOTO 2, 39 more times
 - 6: 95.0°C for 0:10
 - 7: Melt Curve 65°C to 95°C : Increment 0.5°C for 0:05
- Plate Read

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: 1251.67, Auto Calculated



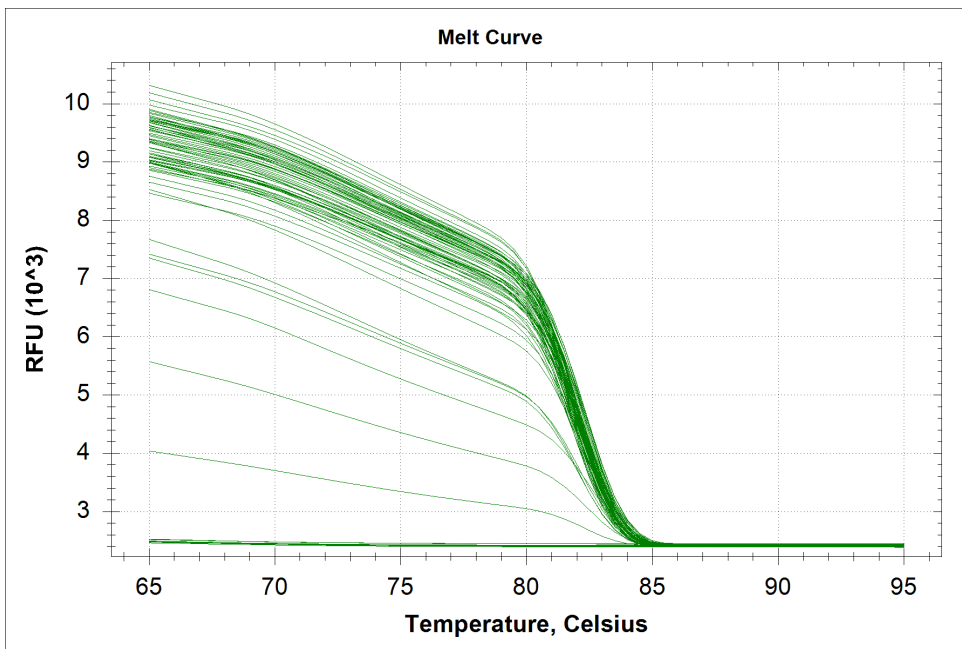
Quantitation Data

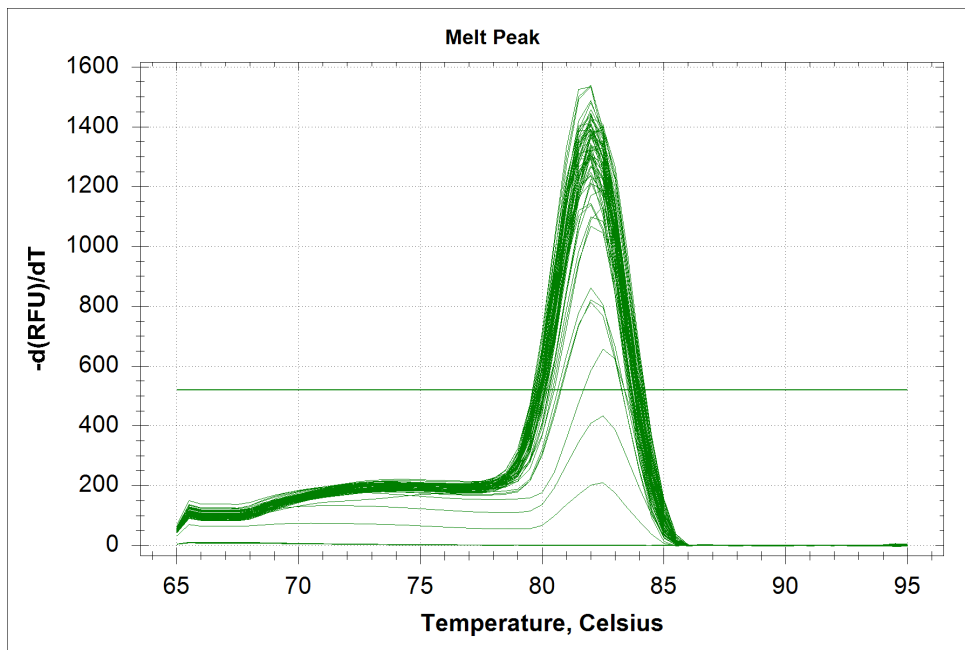
Well	Fluor	Content	Target	Sample	Threshold Cycle (C(t))	C(t) Mean	C(t) Std. Dev
A01	SYBR	Unkn	NEC1_RAT	06:5-31	32.45	32.45	0.000
A02	SYBR	Unkn	NEC1_RAT	06:5-32	35.19	35.19	0.000
A03	SYBR	Unkn	NEC1_RAT	06:5-34	32.48	32.48	0.000
A04	SYBR	Unkn	NEC1_RAT	06:5-35	35.80	35.80	0.000
A05	SYBR	Unkn	NEC1_RAT	06:5-36	30.26	30.26	0.000
A06	SYBR	Unkn	NEC1_RAT	06:5-37	29.63	29.63	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	37.24	37.24	0.000
B02	SYBR	Unkn	NEC1_RAT	06:6-44	27.20	27.20	0.000
B03	SYBR	Unkn	NEC1_RAT	06:6-45	33.11	33.11	0.000
B04	SYBR	Unkn	NEC1_RAT	06:6-46	32.17	32.17	0.000
B05	SYBR	Unkn	NEC1_RAT	06:6-47	32.21	32.21	0.000
B06	SYBR	Unkn	NEC1_RAT	06:6-49	31.85	31.85	0.000
B07	SYBR	Unkn	NEC1_RAT	06:6-50	33.56	33.56	0.000
B08	SYBR	Unkn	NEC1_RAT	06:6-51	31.92	31.92	0.000
B09	SYBR	Unkn	NEC1_RAT	06:6-52	31.65	31.65	0.000
B10	SYBR	NTC	NEC1_RAT		N/A	0.00	0.000
C01	SYBR	Unkn	NEC1_RAT	07:12-1	33.60	33.60	0.000
C02	SYBR	Unkn	NEC1_RAT	07:12-2	N/A	0.00	0.000
C03	SYBR	Unkn	NEC1_RAT	07:12-3	31.32	31.32	0.000
C04	SYBR	Unkn	NEC1_RAT	07:12-4	N/A	0.00	0.000
C05	SYBR	Unkn	NEC1_RAT	07:12-5	32.68	32.68	0.000
C06	SYBR	Unkn	NEC1_RAT	07:12-6	38.37	38.37	0.000
C07	SYBR	Unkn	NEC1_RAT	07:12-7	35.42	35.42	0.000
C08	SYBR	Unkn	NEC1_RAT	07:12-8	32.61	32.61	0.000
C09	SYBR	Unkn	NEC1_RAT	07:12-9	33.00	33.00	0.000
C10	SYBR	Unkn	NEC1_RAT	07:12-10	35.79	35.79	0.000
D01	SYBR	Unkn	NEC1_RAT	07:12-11	N/A	0.00	0.000
D02	SYBR	Unkn	NEC1_RAT	07:12-12	35.88	35.88	0.000
D03	SYBR	Unkn	NEC1_RAT	07:12-13	38.16	38.16	0.000
D04	SYBR	Unkn	NEC1_RAT	07:12-14	35.51	35.51	0.000
D05	SYBR	Unkn	NEC1_RAT	07:12-15	39.97	39.97	0.000
D06	SYBR	Unkn	NEC1_RAT	07:12-16	36.64	36.64	0.000
D07	SYBR	Unkn	NEC1_RAT	07:12-17	N/A	0.00	0.000
D08	SYBR	Unkn	NEC1_RAT	07:12-18	39.02	39.02	0.000
D09	SYBR	Unkn	NEC1_RAT	07:12-20	35.26	35.26	0.000
D10	SYBR	NTC	NEC1_RAT		N/A	0.00	0.000
E01	SYBR	Unkn	NEC1_RAT	08:3-5	32.81	32.81	0.000
E02	SYBR	Unkn	NEC1_RAT	08:3-6	30.59	30.59	0.000
E03	SYBR	Unkn	NEC1_RAT	08:3-7	38.28	38.28	0.000
E04	SYBR	Unkn	NEC1_RAT	08:3-8	35.41	35.41	0.000

E05	SYBR	Unkn	NEC1_RAT	08:3-9	34.28	34.28	0.000
E06	SYBR	Unkn	NEC1_RAT	08:3-10	31.77	31.77	0.000
E07	SYBR	Unkn	NEC1_RAT	08:3-11	32.19	32.19	0.000
E08	SYBR	Unkn	NEC1_RAT	08:3-12	29.58	29.58	0.000
E09	SYBR	Unkn	NEC1_RAT	08:3-13	30.04	30.04	0.000
E10	SYBR	Unkn	NEC1_RAT	08:3-14	33.24	33.24	0.000
F01	SYBR	Unkn	NEC1_RAT	08:3-15	30.87	30.87	0.000
F02	SYBR	Unkn	NEC1_RAT	08:3-16	30.51	30.51	0.000
F03	SYBR	Unkn	NEC1_RAT	08:3-17	31.29	31.29	0.000
F04	SYBR	Unkn	NEC1_RAT	08:3-18	36.24	36.24	0.000
F05	SYBR	Unkn	NEC1_RAT	08:3-19	29.96	29.96	0.000
F06	SYBR	Unkn	NEC1_RAT	08:3-20	NA	0.00	0.000
F07	SYBR	Unkn	NEC1_RAT	08:3-21	32.16	32.16	0.000
F08	SYBR	Unkn	NEC1_RAT	08:3-22	30.23	30.23	0.000
F09	SYBR	Unkn	NEC1_RAT	08:3-23	32.90	32.90	0.000
F10	SYBR	Unkn	NEC1_RAT	08:3-25	31.08	31.08	0.000
G01	SYBR	Unkn	NEC1_RAT	08:4-1	31.08	31.08	0.000
G02	SYBR	Unkn	NEC1_RAT	08:4-2	28.70	28.70	0.000
G03	SYBR	Unkn	NEC1_RAT	08:4-3	29.44	29.44	0.000
G04	SYBR	Unkn	NEC1_RAT	08:4-4	31.33	31.33	0.000
G05	SYBR	Unkn	NEC1_RAT	08:4-5	33.82	33.82	0.000
G06	SYBR	Unkn	NEC1_RAT	08:4-6	31.31	31.31	0.000
G07	SYBR	Unkn	NEC1_RAT	08:4-7	32.53	32.53	0.000
G08	SYBR	Unkn	NEC1_RAT	08:4-8	29.50	29.50	0.000
G09	SYBR	Unkn	NEC1_RAT	08:4-9	29.89	29.89	0.000
G10	SYBR	Unkn	NEC1_RAT	08:4-10	30.84	30.84	0.000
H01	SYBR	Unkn	NEC1_RAT	08:4-11	29.53	29.53	0.000
H02	SYBR	Unkn	NEC1_RAT	08:4-12	29.84	29.84	0.000
H03	SYBR	Unkn	NEC1_RAT	08:4-13	30.17	30.17	0.000
H04	SYBR	Unkn	NEC1_RAT	08:4-14	30.26	30.26	0.000
H05	SYBR	Unkn	NEC1_RAT	08:4-15	30.13	30.13	0.000
H06	SYBR	Unkn	NEC1_RAT	08:4-16	30.16	30.16	0.000
H07	SYBR	Unkn	NEC1_RAT	08:4-17	29.30	29.30	0.000
H08	SYBR	Unkn	NEC1_RAT	08:4-18	31.98	31.98	0.000
H09	SYBR	Unkn	NEC1_RAT	08:4-18	29.08	29.08	0.000

Melt Curve

Step #: 7





Melt Curve Data

Well	Fluor	Content	Sample	Melt Temp
A01	SYBR	Unkn	06:5-31	82.00
A02	SYBR	Unkn	06:5-32	82.00
A03	SYBR	Unkn	06:5-34	82.00
A04	SYBR	Unkn	06:5-35	82.50
A05	SYBR	Unkn	06:5-36	82.50
A06	SYBR	Unkn	06:5-37	82.00
B01	SYBR	Unkn	06:6-43	82.00
B02	SYBR	Unkn	06:6-44	82.50
B03	SYBR	Unkn	06:6-45	82.00
B04	SYBR	Unkn	06:6-46	82.00
B05	SYBR	Unkn	06:6-47	82.50
B06	SYBR	Unkn	06:6-49	82.00
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	82.00
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	82.50
C10	SYBR	Unkn	07:12-10	82.00
D02	SYBR	Unkn	07:12-12	82.00
D03	SYBR	Unkn	07:12-13	82.00
D04	SYBR	Unkn	07:12-14	82.00
D06	SYBR	Unkn	07:12-16	82.50
D08	SYBR	Unkn	07:12-18	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	82.50
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	82.00
G01	SYBR	Unkn	08:4-1	82.00
G02	SYBR	Unkn	08:4-2	82.00
G03	SYBR	Unkn	08:4-3	82.50
G04	SYBR	Unkn	08:4-4	82.00
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	82.00
H03	SYBR	Unkn	08:4-13	82.00
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