



# Emma\_2010-11-19 14-04-20\_CC009827.pcrd

11/19/2010 4:11 PM

## Report Information

User: BioRad\admin  
Data File Name: Emma\_2010-11-19 14-04-20\_CC009827.pcrd  
Data File Path: C:\Documents and Settings\mx3000 user\Desktop\Emma  
Selected Well Group: All Wells

## Experiment Setup

### Run Information

Run Date: 11/19/2010 2:04:30 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 3:00
- 2: 95.0°C for 0:10
- 3: 55.0°C for 0:10
- 4: 72.0°C for 0:30
- 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 FAM	Unk FAM	Unk FAM	NTC FAM	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX
	Day 1	Day 2	Day 3		Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705
B	Unk FAM	Unk FAM	Unk FAM	NTC FAM	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX
	Day 1	Day 2	Day 3		Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705
C	Unk FAM	Unk FAM	Unk FAM	NTC FAM	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX
	Day 1	Day 2	Day 3		Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705
D	Unk FAM	Unk FAM	Unk FAM	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX
	Day 1	Day 2	Day 3	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705
E	Unk FAM	Unk FAM	Unk FAM	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX
	Day 1	Day 2	Day 3	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705
F	Unk FAM	Unk FAM	Unk FAM	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX
	Day 1	Day 2	Day 3	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705
G	Unk FAM	Unk FAM	Unk FAM	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX
	Day 1	Day 2	Day 3	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705
H	Unk FAM	Unk FAM	Unk FAM	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX	Unk FAM HEX
	Day 1	Day 2	Day 3	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705	Texas Red Cy5 Quasar 705

### Quantitation

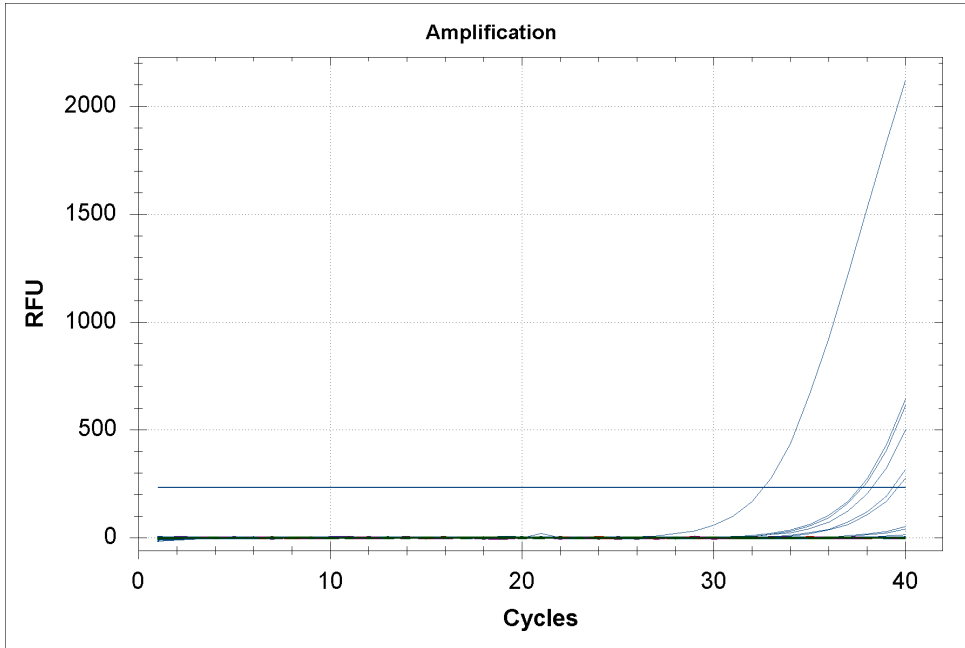
Step #: 4  
Analysis Mode: Baseline Subtracted Curve Fit  
Ct Determination: Single Threshold

**Baseline Method per Fluorophore:**

HEX: Auto Calculated  
FAM: Auto Calculated  
Quasar 705: Auto Calculated  
Cy5: Auto Calculated  
Texas Red: Auto Calculated

**Threshold Setting per Fluorophore:**

HEX: None, Auto Calculated  
FAM: 234.65, Auto Calculated  
Quasar 705: None, Auto Calculated  
Cy5: None, Auto Calculated  
Texas Red: None, Auto Calculated



**Quantitation Data**

Well	Fluor	Content	Target	Sample	Threshold Cycle ( C(t) )	C(t) Mean	C(t) Std. Dev
A05	Cy5	Unkn			N/A	0.00	0.000
A06	Cy5	Unkn			N/A	0.00	0.000
A07	Cy5	Unkn			N/A	0.00	0.000
A08	Cy5	Unkn			N/A	0.00	0.000
A09	Cy5	Unkn			N/A	0.00	0.000
A10	Cy5	Unkn			N/A	0.00	0.000
A11	Cy5	Unkn			N/A	0.00	0.000
A12	Cy5	Unkn			N/A	0.00	0.000
B05	Cy5	Unkn			N/A	0.00	0.000
B06	Cy5	Unkn			N/A	0.00	0.000
B07	Cy5	Unkn			N/A	0.00	0.000
B08	Cy5	Unkn			N/A	0.00	0.000
B09	Cy5	Unkn			N/A	0.00	0.000
B10	Cy5	Unkn			N/A	0.00	0.000
B11	Cy5	Unkn			N/A	0.00	0.000
B12	Cy5	Unkn			N/A	0.00	0.000
C05	Cy5	Unkn			N/A	0.00	0.000
C06	Cy5	Unkn			N/A	0.00	0.000
C07	Cy5	Unkn			N/A	0.00	0.000
C08	Cy5	Unkn			N/A	0.00	0.000
C09	Cy5	Unkn			N/A	0.00	0.000
C10	Cy5	Unkn			N/A	0.00	0.000
C11	Cy5	Unkn			N/A	0.00	0.000
C12	Cy5	Unkn			N/A	0.00	0.000
D04	Cy5	Unkn			N/A	0.00	0.000
D05	Cy5	Unkn			N/A	0.00	0.000
D06	Cy5	Unkn			N/A	0.00	0.000
D07	Cy5	Unkn			N/A	0.00	0.000
D08	Cy5	Unkn			N/A	0.00	0.000
D09	Cy5	Unkn			N/A	0.00	0.000
D10	Cy5	Unkn			N/A	0.00	0.000
D11	Cy5	Unkn			N/A	0.00	0.000
D12	Cy5	Unkn			N/A	0.00	0.000
E04	Cy5	Unkn			N/A	0.00	0.000

E05	Cy5	Unkn			N/A	0.00	0.000
E06	Cy5	Unkn			N/A	0.00	0.000
E07	Cy5	Unkn			N/A	0.00	0.000
E08	Cy5	Unkn			N/A	0.00	0.000
E09	Cy5	Unkn			N/A	0.00	0.000
E10	Cy5	Unkn			N/A	0.00	0.000
E11	Cy5	Unkn			N/A	0.00	0.000
E12	Cy5	Unkn			N/A	0.00	0.000
F04	Cy5	Unkn			N/A	0.00	0.000
F05	Cy5	Unkn			N/A	0.00	0.000
F06	Cy5	Unkn			N/A	0.00	0.000
F07	Cy5	Unkn			N/A	0.00	0.000
F08	Cy5	Unkn			N/A	0.00	0.000
F09	Cy5	Unkn			N/A	0.00	0.000
F10	Cy5	Unkn			N/A	0.00	0.000
F11	Cy5	Unkn			N/A	0.00	0.000
F12	Cy5	Unkn			N/A	0.00	0.000
G04	Cy5	Unkn			N/A	0.00	0.000
G05	Cy5	Unkn			N/A	0.00	0.000
G06	Cy5	Unkn			N/A	0.00	0.000
G07	Cy5	Unkn			N/A	0.00	0.000
G08	Cy5	Unkn			N/A	0.00	0.000
G09	Cy5	Unkn			N/A	0.00	0.000
G10	Cy5	Unkn			N/A	0.00	0.000
G11	Cy5	Unkn			N/A	0.00	0.000
G12	Cy5	Unkn			N/A	0.00	0.000
H04	Cy5	Unkn			N/A	0.00	0.000
H05	Cy5	Unkn			N/A	0.00	0.000
H06	Cy5	Unkn			N/A	0.00	0.000
H07	Cy5	Unkn			N/A	0.00	0.000
H08	Cy5	Unkn			N/A	0.00	0.000
H09	Cy5	Unkn			N/A	0.00	0.000
H10	Cy5	Unkn			N/A	0.00	0.000
H11	Cy5	Unkn			N/A	0.00	0.000
H12	Cy5	Unkn			N/A	0.00	0.000
A01	FAM	Unkn		Day 1	N/A	0.00	0.000
A02	FAM	Unkn		Day 2	37.77	37.77	0.000
A03	FAM	Unkn		Day 3	N/A	0.00	0.000
A04	FAM	NTC			N/A	0.00	0.000
A05	FAM	Unkn			N/A	0.00	0.000
A06	FAM	Unkn			N/A	0.00	0.000
A07	FAM	Unkn			N/A	0.00	0.000
A08	FAM	Unkn			N/A	0.00	0.000
A09	FAM	Unkn			N/A	0.00	0.000
A10	FAM	Unkn			N/A	0.00	0.000
A11	FAM	Unkn			N/A	0.00	0.000
A12	FAM	Unkn			N/A	0.00	0.000
B01	FAM	Unkn		Day 1	N/A	0.00	0.000
B02	FAM	Unkn		Day 2	N/A	0.00	0.000
B03	FAM	Unkn		Day 3	N/A	0.00	0.000
B04	FAM	NTC			N/A	0.00	0.000
B05	FAM	Unkn			N/A	0.00	0.000
B06	FAM	Unkn			N/A	0.00	0.000
B07	FAM	Unkn			N/A	0.00	0.000
B08	FAM	Unkn			N/A	0.00	0.000
B09	FAM	Unkn			N/A	0.00	0.000
B10	FAM	Unkn			N/A	0.00	0.000
B11	FAM	Unkn			N/A	0.00	0.000
B12	FAM	Unkn			N/A	0.00	0.000
C01	FAM	Unkn		Day 1	N/A	0.00	0.000
C02	FAM	Unkn		Day 2	39.34	39.34	0.000
C03	FAM	Unkn		Day 3	N/A	0.00	0.000
C04	FAM	NTC			N/A	0.00	0.000
C05	FAM	Unkn			N/A	0.00	0.000
C06	FAM	Unkn			N/A	0.00	0.000
C07	FAM	Unkn			N/A	0.00	0.000
C08	FAM	Unkn			N/A	0.00	0.000
C09	FAM	Unkn			N/A	0.00	0.000
C10	FAM	Unkn			N/A	0.00	0.000
C11	FAM	Unkn			N/A	0.00	0.000
C12	FAM	Unkn			N/A	0.00	0.000

D01	FAM	Unkn		Day 1	N/A	0.00	0.000
D02	FAM	Unkn		Day 2	N/A	0.00	0.000
D03	FAM	Unkn		Day 3	32.61	32.61	0.000
D04	FAM	Unkn			N/A	0.00	0.000
D05	FAM	Unkn			N/A	0.00	0.000
D06	FAM	Unkn			N/A	0.00	0.000
D07	FAM	Unkn			N/A	0.00	0.000
D08	FAM	Unkn			N/A	0.00	0.000
D09	FAM	Unkn			N/A	0.00	0.000
D10	FAM	Unkn			N/A	0.00	0.000
D11	FAM	Unkn			N/A	0.00	0.000
D12	FAM	Unkn			N/A	0.00	0.000
E01	FAM	Unkn		Day 1	N/A	0.00	0.000
E02	FAM	Unkn		Day 2	39.61	39.61	0.000
E03	FAM	Unkn		Day 3	N/A	0.00	0.000
E04	FAM	Unkn			N/A	0.00	0.000
E05	FAM	Unkn			N/A	0.00	0.000
E06	FAM	Unkn			N/A	0.00	0.000
E07	FAM	Unkn			N/A	0.00	0.000
E08	FAM	Unkn			N/A	0.00	0.000
E09	FAM	Unkn			N/A	0.00	0.000
E10	FAM	Unkn			N/A	0.00	0.000
E11	FAM	Unkn			N/A	0.00	0.000
E12	FAM	Unkn			N/A	0.00	0.000
F01	FAM	Unkn		Day 1	N/A	0.00	0.000
F02	FAM	Unkn		Day 2	N/A	0.00	0.000
F03	FAM	Unkn		Day 3	38.26	38.26	0.000
F04	FAM	Unkn			N/A	0.00	0.000
F05	FAM	Unkn			N/A	0.00	0.000
F06	FAM	Unkn			N/A	0.00	0.000
F07	FAM	Unkn			N/A	0.00	0.000
F08	FAM	Unkn			N/A	0.00	0.000
F09	FAM	Unkn			N/A	0.00	0.000
F10	FAM	Unkn			N/A	0.00	0.000
F11	FAM	Unkn			N/A	0.00	0.000
F12	FAM	Unkn			N/A	0.00	0.000
G01	FAM	Unkn		Day 1	N/A	0.00	0.000
G02	FAM	Unkn		Day 2	37.63	37.63	0.000
G03	FAM	Unkn		Day 3	N/A	0.00	0.000
G04	FAM	Unkn			N/A	0.00	0.000
G05	FAM	Unkn			N/A	0.00	0.000
G06	FAM	Unkn			N/A	0.00	0.000
G07	FAM	Unkn			N/A	0.00	0.000
G08	FAM	Unkn			N/A	0.00	0.000
G09	FAM	Unkn			N/A	0.00	0.000
G10	FAM	Unkn			N/A	0.00	0.000
G11	FAM	Unkn			N/A	0.00	0.000
G12	FAM	Unkn			N/A	0.00	0.000
H01	FAM	Unkn		Day 1	N/A	0.00	0.000
H02	FAM	Unkn		Day 2	N/A	0.00	0.000
H03	FAM	Unkn		Day 3	N/A	0.00	0.000
H04	FAM	Unkn			N/A	0.00	0.000
H05	FAM	Unkn			N/A	0.00	0.000
H06	FAM	Unkn			N/A	0.00	0.000
H07	FAM	Unkn			N/A	0.00	0.000
H08	FAM	Unkn			N/A	0.00	0.000
H09	FAM	Unkn			N/A	0.00	0.000
H10	FAM	Unkn			N/A	0.00	0.000
H11	FAM	Unkn			N/A	0.00	0.000
H12	FAM	Unkn			N/A	0.00	0.000
A05	HEX	Unkn			N/A	0.00	0.000
A06	HEX	Unkn			N/A	0.00	0.000
A07	HEX	Unkn			N/A	0.00	0.000
A08	HEX	Unkn			N/A	0.00	0.000
A09	HEX	Unkn			N/A	0.00	0.000
A10	HEX	Unkn			N/A	0.00	0.000
A11	HEX	Unkn			N/A	0.00	0.000
A12	HEX	Unkn			N/A	0.00	0.000
B05	HEX	Unkn			N/A	0.00	0.000
B06	HEX	Unkn			N/A	0.00	0.000
B07	HEX	Unkn			N/A	0.00	0.000

B08	HEX	Unkn			N/A	0.00	0.000
B09	HEX	Unkn			N/A	0.00	0.000
B10	HEX	Unkn			N/A	0.00	0.000
B11	HEX	Unkn			N/A	0.00	0.000
B12	HEX	Unkn			N/A	0.00	0.000
C05	HEX	Unkn			N/A	0.00	0.000
C06	HEX	Unkn			N/A	0.00	0.000
C07	HEX	Unkn			N/A	0.00	0.000
C08	HEX	Unkn			N/A	0.00	0.000
C09	HEX	Unkn			N/A	0.00	0.000
C10	HEX	Unkn			N/A	0.00	0.000
C11	HEX	Unkn			N/A	0.00	0.000
C12	HEX	Unkn			N/A	0.00	0.000
D04	HEX	Unkn			N/A	0.00	0.000
D05	HEX	Unkn			N/A	0.00	0.000
D06	HEX	Unkn			N/A	0.00	0.000
D07	HEX	Unkn			N/A	0.00	0.000
D08	HEX	Unkn			N/A	0.00	0.000
D09	HEX	Unkn			N/A	0.00	0.000
D10	HEX	Unkn			N/A	0.00	0.000
D11	HEX	Unkn			N/A	0.00	0.000
D12	HEX	Unkn			N/A	0.00	0.000
E04	HEX	Unkn			N/A	0.00	0.000
E05	HEX	Unkn			N/A	0.00	0.000
E06	HEX	Unkn			N/A	0.00	0.000
E07	HEX	Unkn			N/A	0.00	0.000
E08	HEX	Unkn			N/A	0.00	0.000
E09	HEX	Unkn			N/A	0.00	0.000
E10	HEX	Unkn			N/A	0.00	0.000
E11	HEX	Unkn			N/A	0.00	0.000
E12	HEX	Unkn			N/A	0.00	0.000
F04	HEX	Unkn			N/A	0.00	0.000
F05	HEX	Unkn			N/A	0.00	0.000
F06	HEX	Unkn			N/A	0.00	0.000
F07	HEX	Unkn			N/A	0.00	0.000
F08	HEX	Unkn			N/A	0.00	0.000
F09	HEX	Unkn			N/A	0.00	0.000
F10	HEX	Unkn			N/A	0.00	0.000
F11	HEX	Unkn			N/A	0.00	0.000
F12	HEX	Unkn			N/A	0.00	0.000
G04	HEX	Unkn			N/A	0.00	0.000
G05	HEX	Unkn			N/A	0.00	0.000
G06	HEX	Unkn			N/A	0.00	0.000
G07	HEX	Unkn			N/A	0.00	0.000
G08	HEX	Unkn			N/A	0.00	0.000
G09	HEX	Unkn			N/A	0.00	0.000
G10	HEX	Unkn			N/A	0.00	0.000
G11	HEX	Unkn			N/A	0.00	0.000
G12	HEX	Unkn			N/A	0.00	0.000
H04	HEX	Unkn			N/A	0.00	0.000
H05	HEX	Unkn			N/A	0.00	0.000
H06	HEX	Unkn			N/A	0.00	0.000
H07	HEX	Unkn			N/A	0.00	0.000
H08	HEX	Unkn			N/A	0.00	0.000
H09	HEX	Unkn			N/A	0.00	0.000
H10	HEX	Unkn			N/A	0.00	0.000
H11	HEX	Unkn			N/A	0.00	0.000
H12	HEX	Unkn			N/A	0.00	0.000
A05	Quasar 705	Unkn			N/A	0.00	0.000
A06	Quasar 705	Unkn			N/A	0.00	0.000
A07	Quasar 705	Unkn			N/A	0.00	0.000
A08	Quasar 705	Unkn			N/A	0.00	0.000
A09	Quasar 705	Unkn			N/A	0.00	0.000
A10	Quasar 705	Unkn			N/A	0.00	0.000
A11	Quasar 705	Unkn			N/A	0.00	0.000
A12	Quasar 705	Unkn			N/A	0.00	0.000
B05	Quasar 705	Unkn			N/A	0.00	0.000
B06	Quasar 705	Unkn			N/A	0.00	0.000
B07	Quasar 705	Unkn			N/A	0.00	0.000
B08	Quasar 705	Unkn			N/A	0.00	0.000
B09	Quasar 705	Unkn			N/A	0.00	0.000

B10	Quasar 705	Unkn			N/A	0.00	0.000
B11	Quasar 705	Unkn			N/A	0.00	0.000
B12	Quasar 705	Unkn			N/A	0.00	0.000
C05	Quasar 705	Unkn			N/A	0.00	0.000
C06	Quasar 705	Unkn			N/A	0.00	0.000
C07	Quasar 705	Unkn			N/A	0.00	0.000
C08	Quasar 705	Unkn			N/A	0.00	0.000
C09	Quasar 705	Unkn			N/A	0.00	0.000
C10	Quasar 705	Unkn			N/A	0.00	0.000
C11	Quasar 705	Unkn			N/A	0.00	0.000
C12	Quasar 705	Unkn			N/A	0.00	0.000
D04	Quasar 705	Unkn			N/A	0.00	0.000
D05	Quasar 705	Unkn			N/A	0.00	0.000
D06	Quasar 705	Unkn			N/A	0.00	0.000
D07	Quasar 705	Unkn			N/A	0.00	0.000
D08	Quasar 705	Unkn			N/A	0.00	0.000
D09	Quasar 705	Unkn			N/A	0.00	0.000
D10	Quasar 705	Unkn			N/A	0.00	0.000
D11	Quasar 705	Unkn			N/A	0.00	0.000
D12	Quasar 705	Unkn			N/A	0.00	0.000
E04	Quasar 705	Unkn			N/A	0.00	0.000
E05	Quasar 705	Unkn			N/A	0.00	0.000
E06	Quasar 705	Unkn			N/A	0.00	0.000
E07	Quasar 705	Unkn			N/A	0.00	0.000
E08	Quasar 705	Unkn			N/A	0.00	0.000
E09	Quasar 705	Unkn			N/A	0.00	0.000
E10	Quasar 705	Unkn			N/A	0.00	0.000
E11	Quasar 705	Unkn			N/A	0.00	0.000
E12	Quasar 705	Unkn			N/A	0.00	0.000
F04	Quasar 705	Unkn			N/A	0.00	0.000
F05	Quasar 705	Unkn			N/A	0.00	0.000
F06	Quasar 705	Unkn			N/A	0.00	0.000
F07	Quasar 705	Unkn			N/A	0.00	0.000
F08	Quasar 705	Unkn			N/A	0.00	0.000
F09	Quasar 705	Unkn			N/A	0.00	0.000
F10	Quasar 705	Unkn			N/A	0.00	0.000
F11	Quasar 705	Unkn			N/A	0.00	0.000
F12	Quasar 705	Unkn			N/A	0.00	0.000
G04	Quasar 705	Unkn			N/A	0.00	0.000
G05	Quasar 705	Unkn			N/A	0.00	0.000
G06	Quasar 705	Unkn			N/A	0.00	0.000
G07	Quasar 705	Unkn			N/A	0.00	0.000
G08	Quasar 705	Unkn			N/A	0.00	0.000
G09	Quasar 705	Unkn			N/A	0.00	0.000
G10	Quasar 705	Unkn			N/A	0.00	0.000
G11	Quasar 705	Unkn			N/A	0.00	0.000
G12	Quasar 705	Unkn			N/A	0.00	0.000
H04	Quasar 705	Unkn			N/A	0.00	0.000
H05	Quasar 705	Unkn			N/A	0.00	0.000
H06	Quasar 705	Unkn			N/A	0.00	0.000
H07	Quasar 705	Unkn			N/A	0.00	0.000
H08	Quasar 705	Unkn			N/A	0.00	0.000
H09	Quasar 705	Unkn			N/A	0.00	0.000
H10	Quasar 705	Unkn			N/A	0.00	0.000
H11	Quasar 705	Unkn			N/A	0.00	0.000
H12	Quasar 705	Unkn			N/A	0.00	0.000
A05	Texas Red	Unkn			N/A	0.00	0.000
A06	Texas Red	Unkn			N/A	0.00	0.000
A07	Texas Red	Unkn			N/A	0.00	0.000
A08	Texas Red	Unkn			N/A	0.00	0.000
A09	Texas Red	Unkn			N/A	0.00	0.000
A10	Texas Red	Unkn			N/A	0.00	0.000
A11	Texas Red	Unkn			N/A	0.00	0.000
A12	Texas Red	Unkn			N/A	0.00	0.000
B05	Texas Red	Unkn			N/A	0.00	0.000
B06	Texas Red	Unkn			N/A	0.00	0.000
B07	Texas Red	Unkn			N/A	0.00	0.000
B08	Texas Red	Unkn			N/A	0.00	0.000
B09	Texas Red	Unkn			N/A	0.00	0.000
B10	Texas Red	Unkn			N/A	0.00	0.000
B11	Texas Red	Unkn			N/A	0.00	0.000

B12	Texas Red	Unkn			N/A	0.00	0.000
C05	Texas Red	Unkn			N/A	0.00	0.000
C06	Texas Red	Unkn			N/A	0.00	0.000
C07	Texas Red	Unkn			N/A	0.00	0.000
C08	Texas Red	Unkn			N/A	0.00	0.000
C09	Texas Red	Unkn			N/A	0.00	0.000
C10	Texas Red	Unkn			N/A	0.00	0.000
C11	Texas Red	Unkn			N/A	0.00	0.000
C12	Texas Red	Unkn			N/A	0.00	0.000
D04	Texas Red	Unkn			N/A	0.00	0.000
D05	Texas Red	Unkn			N/A	0.00	0.000
D06	Texas Red	Unkn			N/A	0.00	0.000
D07	Texas Red	Unkn			N/A	0.00	0.000
D08	Texas Red	Unkn			N/A	0.00	0.000
D09	Texas Red	Unkn			N/A	0.00	0.000
D10	Texas Red	Unkn			N/A	0.00	0.000
D11	Texas Red	Unkn			N/A	0.00	0.000
D12	Texas Red	Unkn			N/A	0.00	0.000
E04	Texas Red	Unkn			N/A	0.00	0.000
E05	Texas Red	Unkn			N/A	0.00	0.000
E06	Texas Red	Unkn			N/A	0.00	0.000
E07	Texas Red	Unkn			N/A	0.00	0.000
E08	Texas Red	Unkn			N/A	0.00	0.000
E09	Texas Red	Unkn			N/A	0.00	0.000
E10	Texas Red	Unkn			N/A	0.00	0.000
E11	Texas Red	Unkn			N/A	0.00	0.000
E12	Texas Red	Unkn			N/A	0.00	0.000
F04	Texas Red	Unkn			N/A	0.00	0.000
F05	Texas Red	Unkn			N/A	0.00	0.000
F06	Texas Red	Unkn			N/A	0.00	0.000
F07	Texas Red	Unkn			N/A	0.00	0.000
F08	Texas Red	Unkn			N/A	0.00	0.000
F09	Texas Red	Unkn			N/A	0.00	0.000
F10	Texas Red	Unkn			N/A	0.00	0.000
F11	Texas Red	Unkn			N/A	0.00	0.000
F12	Texas Red	Unkn			N/A	0.00	0.000
G04	Texas Red	Unkn			N/A	0.00	0.000
G05	Texas Red	Unkn			N/A	0.00	0.000
G06	Texas Red	Unkn			N/A	0.00	0.000
G07	Texas Red	Unkn			N/A	0.00	0.000
G08	Texas Red	Unkn			N/A	0.00	0.000
G09	Texas Red	Unkn			N/A	0.00	0.000
G10	Texas Red	Unkn			N/A	0.00	0.000
G11	Texas Red	Unkn			N/A	0.00	0.000
G12	Texas Red	Unkn			N/A	0.00	0.000
H04	Texas Red	Unkn			N/A	0.00	0.000
H05	Texas Red	Unkn			N/A	0.00	0.000
H06	Texas Red	Unkn			N/A	0.00	0.000
H07	Texas Red	Unkn			N/A	0.00	0.000
H08	Texas Red	Unkn			N/A	0.00	0.000
H09	Texas Red	Unkn			N/A	0.00	0.000
H10	Texas Red	Unkn			N/A	0.00	0.000
H11	Texas Red	Unkn			N/A	0.00	0.000
H12	Texas Red	Unkn			N/A	0.00	0.000

## Gene Expression

Expression analysis is not possible, wells must contain at least two samples with target(s), which have a valid C(t).

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**Target Names**

Name	Full Name	Reference	Auto Efficiency	Efficiency
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**Sample Names**

Name	Full Name	Control
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**Gene Expression Data**

Target	Sample	Ctrl	Expression	Expression SEM	Corrected Expression SEM	Mean C(t)	C(t) SEM
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