



Sam_2010-09-09 09-22-55_CC009827.pcrd

9/9/2010 1:46 PM

Report Information

User: BioRad\Sam
Data File Name: Sam_2010-09-09 09-22-55_CC009827.pcrd
Data File Path: C:\Users\Sam\Documents\My Dropbox\Sam Friedman Lab
Selected Well Group: All Wells

Experiment Setup

Run Information

Run Date: 9/9/2010 9:23:01 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 Mercenaria_18s CA	Unk GST-Pi CA	Unk MM_HemoDef CA	Unk Mm_Lysozyme CA	Unk Mm_TRAF-6 CA	Unk MM_RACK1 CA	Unk Mm_HSP70 CA	Unk Mm_Ferritin CA	Unk Mm_Actin CA	Unk Mm_EFb CA	Unk Mm_SenescProt CA	
B	Unk Mercenaria_18s MA	Unk GST-Pi MA	Unk MM_HemoDef MA	Unk Mm_Lysozyme MA	Unk Mm_TRAF-6 MA	Unk MM_RACK1 MA	Unk Mm_HSP70 MA	Unk Mm_Ferritin MA	Unk Mm_Actin MA	Unk Mm_EFb MA	Unk Mm_SenescProt MA	
C	Unk Mercenaria_18s MAX	Unk GST-Pi MAX	Unk MM_HemoDef MAX	Unk Mm_Lysozyme MAX	Unk Mm_TRAF-6 MAX	Unk MM_RACK1 MAX	Unk Mm_HSP70 MAX	Unk Mm_Ferritin MAX	Unk Mm_Actin MAX	Unk Mm_EFb MAX	Unk Mm_SenescProt MAX	
D	NTC Mercenaria_18s	NTC GST-Pi	NTC MM_HemoDef	NTC Mm_Lysozyme	NTC Mm_TRAF-6	NTC MM_RACK1	NTC Mm_HSP70	NTC Mm_Ferritin	NTC Mm_Actin	NTC Mm_EFb	NTC Mm_SenescProt	
E	Unk Mm_18s CA	Unk Mercenaria_Rel CA	Unk Mm_BigDef CA	Unk Mm_C1q-TNF CA	Unk Mm_TLR CA	Unk MM_PeroxProlRec CA	Unk Mm_STI CA	Unk Mm_Metallothion CA	Unk Mm_TIAP-1 CA	Unk Mm_NADH-IV CA	Unk Mm_CyP450 CA	
F	Unk Mm_18s MA	Unk Mercenaria_Rel MA	Unk Mm_BigDef MA	Unk Mm_C1q-TNF MA	Unk Mm_TLR MA	Unk MM_PeroxProlRec MA	Unk Mm_STI MA	Unk Mm_Metallothion MA	Unk Mm_TIAP-1 MA	Unk Mm_NADH-IV MA	Unk Mm_CyP450 MA	
G	Unk Mm_18s MAX	Unk Mercenaria_Rel MAX	Unk Mm_BigDef MAX	Unk Mm_C1q-TNF MAX	Unk Mm_TLR MAX	Unk MM_PeroxProlRec MAX	Unk Mm_STI MAX	Unk Mm_Metallothion MAX	Unk Mm_TIAP-1 MAX	Unk Mm_NADH-IV MAX	Unk Mm_CyP450 MAX	
H	NTC Mm_18s	NTC Mercenaria_Rel	NTC Mm_BigDef	NTC Mm_C1q-TNF	NTC Mm_TLR	NTC MM_PeroxProlRec	NTC Mm_STI	NTC Mm_Metallothion	NTC Mm_TIAP-1	NTC Mm_NADH-IV	NTC Mm_CyP450	

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: 166.63, Auto Calculated

Quantitation Data

Well	Fluor	Content	Target	Sample	Threshold Cycle (C(t))	C(t) Mean	C(t) Std. Dev
A02	SYBR	Unkn	GST-Pi	CA	30.42	30.42	0.000
B02	SYBR	Unkn	GST-Pi	MA	29.71	29.71	0.000
C02	SYBR	Unkn	GST-Pi	MAX	29.31	29.31	0.000
D02	SYBR	NTC	GST-Pi		N/A	0.00	0.000
A01	SYBR	Unkn	Mercenaria_18s	CA	15.94	15.94	0.000
B01	SYBR	Unkn	Mercenaria_18s	MA	17.06	17.06	0.000

C01	SYBR	Unkn	Mercenaria_18s	MAX	17.50	17.50	0.000
D01	SYBR	NTC	Mercenaria_18s		N/A	0.00	0.000
E02	SYBR	Unkn	Mercenaria_Rel	CA	N/A	0.00	0.000
F02	SYBR	Unkn	Mercenaria_Rel	MA	N/A	0.00	0.000
G02	SYBR	Unkn	Mercenaria_Rel	MAX	N/A	0.00	0.000
H02	SYBR	NTC	Mercenaria_Rel		N/A	0.00	0.000
E01	SYBR	Unkn	Mm_18s	CA	18.23	18.23	0.000
F01	SYBR	Unkn	Mm_18s	MA	19.28	19.28	0.000
G01	SYBR	Unkn	Mm_18s	MAX	20.09	20.09	0.000
H01	SYBR	NTC	Mm_18s		N/A	0.00	0.000
A09	SYBR	Unkn	Mm_Actin	CA	28.04	28.04	0.000
B09	SYBR	Unkn	Mm_Actin	MA	28.17	28.17	0.000
C09	SYBR	Unkn	Mm_Actin	MAX	27.46	27.46	0.000
D09	SYBR	NTC	Mm_Actin		N/A	0.00	0.000
E03	SYBR	Unkn	Mm_BigDef	CA	28.49	28.49	0.000
F03	SYBR	Unkn	Mm_BigDef	MA	24.56	24.56	0.000
G03	SYBR	Unkn	Mm_BigDef	MAX	25.21	25.21	0.000
H03	SYBR	NTC	Mm_BigDef		N/A	0.00	0.000
E04	SYBR	Unkn	Mm_C1q-TNF	CA	27.59	27.59	0.000
F04	SYBR	Unkn	Mm_C1q-TNF	MA	26.86	26.86	0.000
G04	SYBR	Unkn	Mm_C1q-TNF	MAX	27.97	27.97	0.000
H04	SYBR	NTC	Mm_C1q-TNF		N/A	0.00	0.000
E11	SYBR	Unkn	Mm_CytP450	CA	N/A	0.00	0.000
F11	SYBR	Unkn	Mm_CytP450	MA	N/A	0.00	0.000
G11	SYBR	Unkn	Mm_CytP450	MAX	N/A	0.00	0.000
H11	SYBR	NTC	Mm_CytP450		N/A	0.00	0.000
A10	SYBR	Unkn	Mm_EFb	CA	31.77	31.77	0.000
B10	SYBR	Unkn	Mm_EFb	MA	31.97	31.97	0.000
C10	SYBR	Unkn	Mm_EFb	MAX	30.91	30.91	0.000
D10	SYBR	NTC	Mm_EFb		N/A	0.00	0.000
A08	SYBR	Unkn	Mm_Ferritin	CA	24.67	24.67	0.000
B08	SYBR	Unkn	Mm_Ferritin	MA	24.05	24.05	0.000
C08	SYBR	Unkn	Mm_Ferritin	MAX	23.48	23.48	0.000
D08	SYBR	NTC	Mm_Ferritin		N/A	0.00	0.000
A03	SYBR	Unkn	MM_HemoDef	CA	29.25	29.25	0.000
B03	SYBR	Unkn	MM_HemoDef	MA	27.84	27.84	0.000
C03	SYBR	Unkn	MM_HemoDef	MAX	29.80	29.80	0.000
D03	SYBR	NTC	MM_HemoDef		N/A	0.00	0.000
A07	SYBR	Unkn	Mm_HSP70	CA	25.68	25.68	0.000
B07	SYBR	Unkn	Mm_HSP70	MA	26.03	26.03	0.000
C07	SYBR	Unkn	Mm_HSP70	MAX	25.65	25.65	0.000
D07	SYBR	NTC	Mm_HSP70		N/A	0.00	0.000
A04	SYBR	Unkn	Mm_Lysozyme	CA	32.01	32.01	0.000
B04	SYBR	Unkn	Mm_Lysozyme	MA	32.54	32.54	0.000
C04	SYBR	Unkn	Mm_Lysozyme	MAX	31.59	31.59	0.000
D04	SYBR	NTC	Mm_Lysozyme		N/A	0.00	0.000
E08	SYBR	Unkn	Mm_Metallothion	CA	27.14	27.14	0.000
F08	SYBR	Unkn	Mm_Metallothion	MA	26.45	26.45	0.000
G08	SYBR	Unkn	Mm_Metallothion	MAX	26.44	26.44	0.000
H08	SYBR	NTC	Mm_Metallothion		38.81	38.81	0.000
E10	SYBR	Unkn	Mm_NADH-IV	CA	30.56	30.56	0.000
F10	SYBR	Unkn	Mm_NADH-IV	MA	32.13	32.13	0.000
G10	SYBR	Unkn	Mm_NADH-IV	MAX	32.89	32.89	0.000
H10	SYBR	NTC	Mm_NADH-IV		N/A	0.00	0.000
E06	SYBR	Unkn	MM_PeroxProlRec	CA	N/A	0.00	0.000
F06	SYBR	Unkn	MM_PeroxProlRec	MA	N/A	0.00	0.000
G06	SYBR	Unkn	MM_PeroxProlRec	MAX	N/A	0.00	0.000
H06	SYBR	NTC	MM_PeroxProlRec		N/A	0.00	0.000
A06	SYBR	Unkn	MM_RACK1	CA	23.57	23.57	0.000
B06	SYBR	Unkn	MM_RACK1	MA	23.52	23.52	0.000
C06	SYBR	Unkn	MM_RACK1	MAX	23.21	23.21	0.000
D06	SYBR	NTC	MM_RACK1		N/A	0.00	0.000
A11	SYBR	Unkn	Mm_SenescProt	CA	20.37	20.37	0.000
B11	SYBR	Unkn	Mm_SenescProt	MA	21.61	21.61	0.000
C11	SYBR	Unkn	Mm_SenescProt	MAX	22.28	22.28	0.000
D11	SYBR	NTC	Mm_SenescProt		N/A	0.00	0.000
E07	SYBR	Unkn	Mm_STI	CA	N/A	0.00	0.000
F07	SYBR	Unkn	Mm_STI	MA	N/A	0.00	0.000
G07	SYBR	Unkn	Mm_STI	MAX	N/A	0.00	0.000
H07	SYBR	NTC	Mm_STI		N/A	0.00	0.000
E09	SYBR	Unkn	Mm_TfAP-1	CA	35.10	35.10	0.000

F09	SYBR	Unkn	Mm_TfAP-1	MA	35.87	35.87	0.000
G09	SYBR	Unkn	Mm_TfAP-1	MAX	37.65	37.65	0.000
H09	SYBR	NTC	Mm_TfAP-1		N/A	0.00	0.000
E05	SYBR	Unkn	Mm_TLR	CA	N/A	0.00	0.000
F05	SYBR	Unkn	Mm_TLR	MA	N/A	0.00	0.000
G05	SYBR	Unkn	Mm_TLR	MAX	N/A	0.00	0.000
H05	SYBR	NTC	Mm_TLR		N/A	0.00	0.000
A05	SYBR	Unkn	Mm_TRAF-6	CA	N/A	0.00	0.000
B05	SYBR	Unkn	Mm_TRAF-6	MA	N/A	0.00	0.000
C05	SYBR	Unkn	Mm_TRAF-6	MAX	N/A	0.00	0.000
D05	SYBR	NTC	Mm_TRAF-6		N/A	0.00	0.000