



sam_2022-07-27 11-15-14_BR006896.pcrd

7/28/2022 10:05

Report Information

User: BioRad/sam
Data File Name: sam_2022-07-27 11-15-14_BR006896.pcrd
Data File Path: C:\Users\Samb\Downloads
Well Group Name: All Wells
Report Differs from Last Save: No

Run Setup

Run Information

Run Date: 7/27/2022 11:15
Run User: sam
Run Type: User-defined
Plate File: 20220727_cfx_mussel_plate.pltd
ID:
Notes:
Sample Volume: 20
Temperature Control Mode: Calculated
Lid Temperature: 105
Base Serial Number: BR006896
Optical Head Serial Number: 788BR07000

Protocol

- 1: 95.0°C for 0:30
- 2: 95.0°C for 0:03
- 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 0.5°C 0:05
Plate Read

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
A	Unk-1 HSC70 T01-G control	Unk-1 HSC70 T01-G control	Unk-2 HSC70 T02-G control	Unk-2 HSC70 T02-G control	Unk-3 HSC70 T03-G control	Unk-3 HSC70 T03-G control	Unk-4 HSC70 T04-G control	Unk-4 HSC70 T04-G control	Unk-5 HSC70 T05-G control	Unk-5 HSC70 T05-G control	Unk-6 HSC70 T06-G control	Unk-6 HSC70 T06-G control
B	Unk-7 HSC70 T07-G control	Unk-7 HSC70 T07-G control	Unk-8 HSC70 T08-G control	Unk-8 HSC70 T08-G control	Unk-9 HSC70 T09-G control	Unk-9 HSC70 T09-G control	Unk-10 HSC70 T10-G control	Unk-10 HSC70 T10-G control	Unk-11 HSC70 T16-G heat stressed	Unk-11 HSC70 T16-G heat stressed	Unk-12 HSC70 T17-G heat stressed	Unk-12 HSC70 T17-G heat stressed
C	Unk-13 HSC70 T18-G heat stressed	Unk-13 HSC70 T18-G heat stressed	Unk-14 HSC70 T19-G heat stressed	Unk-14 HSC70 T19-G heat stressed	Unk-15 HSC70 T20-G heat stressed	Unk-15 HSC70 T20-G heat stressed	Unk-16 HSC70 T21-G heat stressed	Unk-16 HSC70 T21-G heat stressed	Unk-17 HSC70 T22-G heat stressed	Unk-17 HSC70 T22-G heat stressed	Unk-18 HSC70 T23-G heat stressed	Unk-18 HSC70 T23-G heat stressed

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
D	Unk-19 HSC70 T24-G heat stressed	Unk-19 HSC70 T24-G heat stressed	Unk-20 HSC70 T25-G heat stressed	Unk-20 HSC70 T25-G heat stressed	NTC-1 HSC70	NTC-1 HSC70						
E	Unk-21 sHSP24 T01-G control	Unk-21 sHSP24 T01-G control	Unk-22 sHSP24 T02-G control	Unk-22 sHSP24 T02-G control	Unk-23 sHSP24 T03-G control	Unk-23 sHSP24 T03-G control	Unk-24 sHSP24 T04-G control	Unk-24 sHSP24 T04-G control	Unk-25 sHSP24 T05-G control	Unk-25 sHSP24 T05-G control	Unk-26 sHSP24 T06-G control	Unk-26 sHSP24 T06-G control
F	Unk-27 sHSP24 T07-G control	Unk-27 sHSP24 T07-G control	Unk-28 sHSP24 T08-G control	Unk-28 sHSP24 T08-G control	Unk-29 sHSP24 T09-G control	Unk-29 sHSP24 T09-G control	Unk-30 sHSP24 T10-G control	Unk-30 sHSP24 T10-G control	Unk-31 sHSP24 T16-G heat stressed	Unk-31 sHSP24 T16-G heat stressed	Unk-32 sHSP24 T17-G heat stressed	Unk-32 sHSP24 T17-G heat stressed
G	Unk-33 sHSP24 T18-G heat stressed	Unk-33 sHSP24 T18-G heat stressed	Unk-34 sHSP24 T19-G heat stressed	Unk-34 sHSP24 T19-G heat stressed	Unk-35 sHSP24 T20-G heat stressed	Unk-35 sHSP24 T20-G heat stressed	Unk-36 sHSP24 T21-G heat stressed	Unk-36 sHSP24 T21-G heat stressed	Unk-37 sHSP24 T22-G heat stressed	Unk-37 sHSP24 T22-G heat stressed	Unk-38 sHSP24 T23-G heat stressed	Unk-38 sHSP24 T23-G heat stressed
H	Unk-39 sHSP24 T24-G heat stressed	Unk-39 sHSP24 T24-G heat stressed	Unk-40 sHSP24 T25-G heat stressed	Unk-40 sHSP24 T25-G heat stressed	NTC-2 sHSP24	NTC-2 sHSP24						

Quantification

Step #: 3

Analysis Mode: Fluorophore

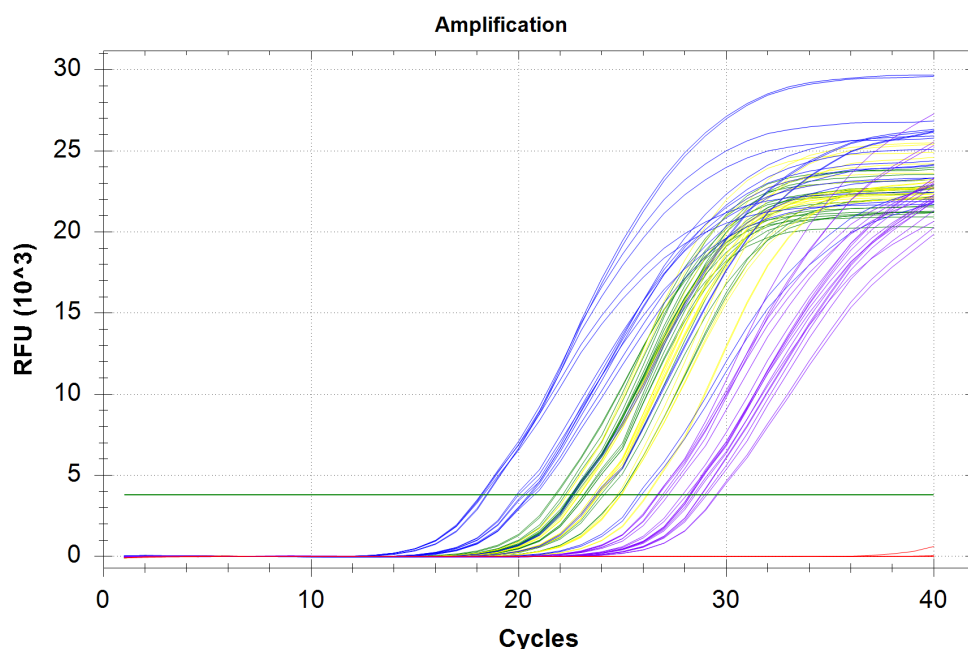
Cq Determination: Single Threshold

Baseline Method:

SYBR: Auto Calculated

Threshold Setting:

SYBR: 3801.26, Auto Calculated



Quantification Data

Well	Fluor	Target	Content	Sample	Biological Set Name	Cq	Cq Mean	Cq Std. Dev
A01	SYBR	HSC70	Unkn-01	T01-G	control	22.52	22.57	0.067

Quantification Data

Well	Fluor	Target	Content	Sample	Biological Set Name	Cq	Cq Mean	Cq Std. Dev
A02	SYBR	HSC70	Unkn-01	T01-G	control	22.61	22.57	0.067
A03	SYBR	HSC70	Unkn-02	T02-G	control	22.61	22.67	0.096
A04	SYBR	HSC70	Unkn-02	T02-G	control	22.74	22.67	0.096
A05	SYBR	HSC70	Unkn-03	T03-G	control	22.12	22.18	0.083
A06	SYBR	HSC70	Unkn-03	T03-G	control	22.24	22.18	0.083
A07	SYBR	HSC70	Unkn-04	T04-G	control	23.15	23.14	0.018
A08	SYBR	HSC70	Unkn-04	T04-G	control	23.13	23.14	0.018
A09	SYBR	HSC70	Unkn-05	T05-G	control	23.26	23.26	0.005
A10	SYBR	HSC70	Unkn-05	T05-G	control	23.25	23.26	0.005
A11	SYBR	HSC70	Unkn-06	T06-G	control	23.96	24.04	0.113
A12	SYBR	HSC70	Unkn-06	T06-G	control	24.12	24.04	0.113
B01	SYBR	HSC70	Unkn-07	T07-G	control	22.56	22.56	0.004
B02	SYBR	HSC70	Unkn-07	T07-G	control	22.56	22.56	0.004
B03	SYBR	HSC70	Unkn-08	T08-G	control	21.74	21.77	0.047
B04	SYBR	HSC70	Unkn-08	T08-G	control	21.81	21.77	0.047
B05	SYBR	HSC70	Unkn-09	T09-G	control	22.54	22.60	0.086
B06	SYBR	HSC70	Unkn-09	T09-G	control	22.66	22.60	0.086
B07	SYBR	HSC70	Unkn-10	T10-G	control	24.81	24.82	0.006
B08	SYBR	HSC70	Unkn-10	T10-G	control	24.82	24.82	0.006
B09	SYBR	HSC70	Unkn-11	T16-G	heat stressed	23.72	23.72	0.007
B10	SYBR	HSC70	Unkn-11	T16-G	heat stressed	23.73	23.72	0.007
B11	SYBR	HSC70	Unkn-12	T17-G	heat stressed	22.90	22.92	0.024
B12	SYBR	HSC70	Unkn-12	T17-G	heat stressed	22.94	22.92	0.024
C01	SYBR	HSC70	Unkn-13	T18-G	heat stressed	23.82	23.80	0.016
C02	SYBR	HSC70	Unkn-13	T18-G	heat stressed	23.79	23.80	0.016
C03	SYBR	HSC70	Unkn-14	T19-G	heat stressed	24.74	24.85	0.152
C04	SYBR	HSC70	Unkn-14	T19-G	heat stressed	24.96	24.85	0.152
C05	SYBR	HSC70	Unkn-15	T20-G	heat stressed	23.87	23.86	0.003
C06	SYBR	HSC70	Unkn-15	T20-G	heat stressed	23.86	23.86	0.003
C07	SYBR	HSC70	Unkn-16	T21-G	heat stressed	23.61	23.61	0.002
C08	SYBR	HSC70	Unkn-16	T21-G	heat stressed	23.61	23.61	0.002
C09	SYBR	HSC70	Unkn-17	T22-G	heat stressed	26.22	26.19	0.033
C10	SYBR	HSC70	Unkn-17	T22-G	heat stressed	26.17	26.19	0.033
C11	SYBR	HSC70	Unkn-18	T23-G	heat stressed	22.33	22.33	0.001
C12	SYBR	HSC70	Unkn-18	T23-G	heat stressed	22.33	22.33	0.001
D01	SYBR	HSC70	Unkn-19	T24-G	heat stressed	24.91	24.92	0.016

Quantification Data

Well	Fluor	Target	Content	Sample	Biological Set Name	Cq	Cq Mean	Cq Std. Dev
D02	SYBR	HSC70	Unkn-19	T24-G	heat stressed	24.93	24.92	0.016
D03	SYBR	HSC70	Unkn-20	T25-G	heat stressed	22.81	22.86	0.071
D04	SYBR	HSC70	Unkn-20	T25-G	heat stressed	22.91	22.86	0.071
D05	SYBR	HSC70	NTC-01			N/A	0.00	0.000
D06	SYBR	HSC70	NTC-01			N/A	0.00	0.000
E01	SYBR	sHSP24	Unkn-21	T01-G	control	20.55	20.52	0.046
E02	SYBR	sHSP24	Unkn-21	T01-G	control	20.49	20.52	0.046
E03	SYBR	sHSP24	Unkn-22	T02-G	control	22.57	22.61	0.050
E04	SYBR	sHSP24	Unkn-22	T02-G	control	22.64	22.61	0.050
E05	SYBR	sHSP24	Unkn-23	T03-G	control	18.24	18.22	0.031
E06	SYBR	sHSP24	Unkn-23	T03-G	control	18.20	18.22	0.031
E07	SYBR	sHSP24	Unkn-24	T04-G	control	23.71	23.75	0.055
E08	SYBR	sHSP24	Unkn-24	T04-G	control	23.79	23.75	0.055
E09	SYBR	sHSP24	Unkn-25	T05-G	control	20.31	20.26	0.073
E10	SYBR	sHSP24	Unkn-25	T05-G	control	20.21	20.26	0.073
E11	SYBR	sHSP24	Unkn-26	T06-G	control	18.48	18.46	0.032
E12	SYBR	sHSP24	Unkn-26	T06-G	control	18.44	18.46	0.032
F01	SYBR	sHSP24	Unkn-27	T07-G	control	20.00	19.95	0.066
F02	SYBR	sHSP24	Unkn-27	T07-G	control	19.90	19.95	0.066
F03	SYBR	sHSP24	Unkn-28	T08-G	control	18.18	18.24	0.090
F04	SYBR	sHSP24	Unkn-28	T08-G	control	18.30	18.24	0.090
F05	SYBR	sHSP24	Unkn-29	T09-G	control	20.61	20.69	0.104
F06	SYBR	sHSP24	Unkn-29	T09-G	control	20.76	20.69	0.104
F07	SYBR	sHSP24	Unkn-30	T10-G	control	25.76	25.84	0.116
F08	SYBR	sHSP24	Unkn-30	T10-G	control	25.92	25.84	0.116
F09	SYBR	sHSP24	Unkn-31	T16-G	heat stressed	29.07	29.01	0.075
F10	SYBR	sHSP24	Unkn-31	T16-G	heat stressed	28.96	29.01	0.075
F11	SYBR	sHSP24	Unkn-32	T17-G	heat stressed	28.30	28.40	0.149
F12	SYBR	sHSP24	Unkn-32	T17-G	heat stressed	28.51	28.40	0.149
G01	SYBR	sHSP24	Unkn-33	T18-G	heat stressed	28.22	28.26	0.050
G02	SYBR	sHSP24	Unkn-33	T18-G	heat stressed	28.29	28.26	0.050
G03	SYBR	sHSP24	Unkn-34	T19-G	heat stressed	28.78	28.80	0.019
G04	SYBR	sHSP24	Unkn-34	T19-G	heat stressed	28.81	28.80	0.019
G05	SYBR	sHSP24	Unkn-35	T20-G	heat stressed	27.89	28.00	0.149
G06	SYBR	sHSP24	Unkn-35	T20-G	heat stressed	28.10	28.00	0.149
G07	SYBR	sHSP24	Unkn-36	T21-G	heat stressed	26.93	27.07	0.200
G08	SYBR	sHSP24	Unkn-36	T21-G	heat stressed	27.21	27.07	0.200
G09	SYBR	sHSP24	Unkn-37	T22-G	heat stressed	26.67	26.71	0.043

Quantification Data

Well	Fluor	Target	Content	Sample	Biological Set Name	Cq	Cq Mean	Cq Std. Dev
G10	SYBR	sHSP24	Unkn-37	T22-G	heat stressed	26.74	26.71	0.043
G11	SYBR	sHSP24	Unkn-38	T23-G	heat stressed	27.05	26.88	0.243
G12	SYBR	sHSP24	Unkn-38	T23-G	heat stressed	26.71	26.88	0.243
H01	SYBR	sHSP24	Unkn-39	T24-G	heat stressed	28.25	28.34	0.120
H02	SYBR	sHSP24	Unkn-39	T24-G	heat stressed	28.42	28.34	0.120
H03	SYBR	sHSP24	Unkn-40	T25-G	heat stressed	29.52	29.55	0.040
H04	SYBR	sHSP24	Unkn-40	T25-G	heat stressed	29.58	29.55	0.040
H05	SYBR	sHSP24	NTC-02			N/A	0.00	0.000
H06	SYBR	sHSP24	NTC-02			N/A	0.00	0.000

Bar Chart

Normalized expression analysis is not possible, either because no target is assigned as a reference or the selected target(s) is not a

Target Names

Name	Full Name	Reference	Auto Efficiency	Efficiency
HSC70	HSC70	False	Yes	100.0%
sHSP24	sHSP24	False	Yes	100.0%

Sample Names

Name	Full Name	Control
T01-G	T01-G	No
T02-G	T02-G	No
T03-G	T03-G	No
T04-G	T04-G	No
T05-G	T05-G	No
T06-G	T06-G	No
T07-G	T07-G	No
T08-G	T08-G	No
T09-G	T09-G	No
T10-G	T10-G	No
T16-G	T16-G	No
T17-G	T17-G	No
T18-G	T18-G	No
T19-G	T19-G	No
T20-G	T20-G	No
T21-G	T21-G	No
T22-G	T22-G	No
T23-G	T23-G	No
T24-G	T24-G	No

Sample Names

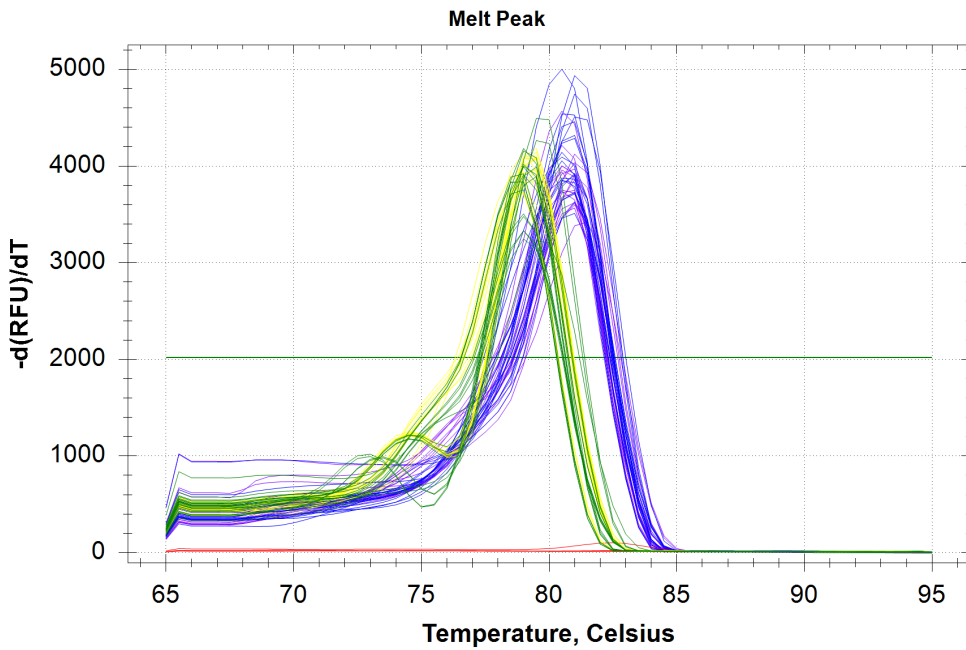
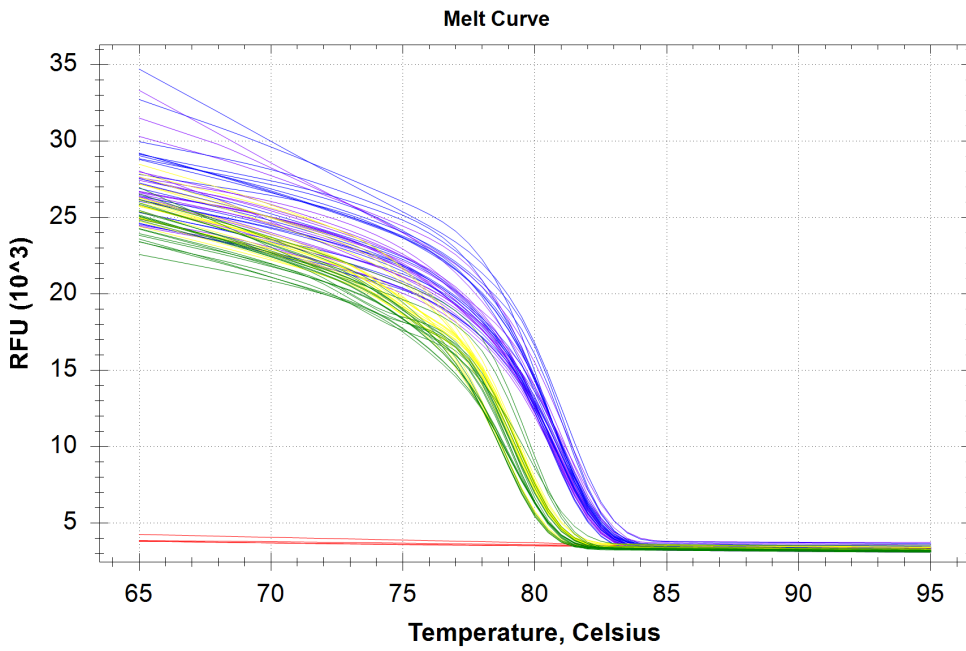
Name	Full Name	Control
T25-G	T25-G	No

Gene Expression - Bar Chart Data

Target	Sample	Control	Expression	Expression SEM	Corrected Expression SEM	Mean Cq	Cq SEM	P-Value
HSC70	T01-G		N/A	N/A	N/A	22.57	0.04711	N/A
HSC70	T02-G		N/A	N/A	N/A	22.67	0.06796	N/A
HSC70	T03-G		N/A	N/A	N/A	22.18	0.05834	N/A
HSC70	T04-G		N/A	N/A	N/A	23.14	0.01288	N/A
HSC70	T05-G		N/A	N/A	N/A	23.26	0.00382	N/A
HSC70	T06-G		N/A	N/A	N/A	24.04	0.07972	N/A
HSC70	T07-G		N/A	N/A	N/A	22.56	0.00303	N/A
HSC70	T08-G		N/A	N/A	N/A	21.77	0.03293	N/A
HSC70	T09-G		N/A	N/A	N/A	22.60	0.06048	N/A
HSC70	T10-G		N/A	N/A	N/A	24.82	0.00424	N/A
HSC70	T16-G		N/A	N/A	N/A	23.72	0.00495	N/A
HSC70	T17-G		N/A	N/A	N/A	22.92	0.01695	N/A
HSC70	T18-G		N/A	N/A	N/A	23.80	0.01139	N/A
HSC70	T19-G		N/A	N/A	N/A	24.85	0.10731	N/A
HSC70	T20-G		N/A	N/A	N/A	23.86	0.00190	N/A
HSC70	T21-G		N/A	N/A	N/A	23.61	0.00119	N/A
HSC70	T22-G		N/A	N/A	N/A	26.19	0.02354	N/A
HSC70	T23-G		N/A	N/A	N/A	22.33	0.00060	N/A
HSC70	T24-G		N/A	N/A	N/A	24.92	0.01100	N/A
HSC70	T25-G		N/A	N/A	N/A	22.86	0.05030	N/A
sHSP24	T01-G		N/A	N/A	N/A	20.52	0.03227	N/A
sHSP24	T02-G		N/A	N/A	N/A	22.61	0.03506	N/A
sHSP24	T03-G		N/A	N/A	N/A	18.22	0.02211	N/A
sHSP24	T04-G		N/A	N/A	N/A	23.75	0.03856	N/A
sHSP24	T05-G		N/A	N/A	N/A	20.26	0.05152	N/A
sHSP24	T06-G		N/A	N/A	N/A	18.46	0.02240	N/A
sHSP24	T07-G		N/A	N/A	N/A	19.95	0.04652	N/A
sHSP24	T08-G		N/A	N/A	N/A	18.24	0.06341	N/A
sHSP24	T09-G		N/A	N/A	N/A	20.69	0.07346	N/A
sHSP24	T10-G		N/A	N/A	N/A	25.84	0.08221	N/A
sHSP24	T16-G		N/A	N/A	N/A	29.01	0.05271	N/A
sHSP24	T17-G		N/A	N/A	N/A	28.40	0.10536	N/A
sHSP24	T18-G		N/A	N/A	N/A	28.26	0.03525	N/A
sHSP24	T19-G		N/A	N/A	N/A	28.80	0.01309	N/A
sHSP24	T20-G		N/A	N/A	N/A	28.00	0.10541	N/A
sHSP24	T21-G		N/A	N/A	N/A	27.07	0.14174	N/A
sHSP24	T22-G		N/A	N/A	N/A	26.71	0.03067	N/A
sHSP24	T23-G		N/A	N/A	N/A	26.88	0.17153	N/A
sHSP24	T24-G		N/A	N/A	N/A	28.34	0.08471	N/A
sHSP24	T25-G		N/A	N/A	N/A	29.55	0.02826	N/A

Melt Curve

Step #: 5



Melt Curve Data

Well	Fluor	Target	Content	Sample	Melt Temp
A01	SYBR	HSC70	Unkn-01	T01-G	79.00
A02	SYBR	HSC70	Unkn-01	T01-G	79.00
A03	SYBR	HSC70	Unkn-02	T02-G	79.00
A04	SYBR	HSC70	Unkn-02	T02-G	79.00
A05	SYBR	HSC70	Unkn-03	T03-G	79.50
A06	SYBR	HSC70	Unkn-03	T03-G	79.50

Melt Curve Data

Well	Fluor	Target	Content	Sample	Melt Temp
A07	SYBR	HSC70	Unkn-04	T04-G	79.00
A08	SYBR	HSC70	Unkn-04	T04-G	79.00
A09	SYBR	HSC70	Unkn-05	T05-G	79.00
A10	SYBR	HSC70	Unkn-05	T05-G	79.00
A11	SYBR	HSC70	Unkn-06	T06-G	79.50
A12	SYBR	HSC70	Unkn-06	T06-G	79.00
B01	SYBR	HSC70	Unkn-07	T07-G	79.00
B02	SYBR	HSC70	Unkn-07	T07-G	79.00
B03	SYBR	HSC70	Unkn-08	T08-G	79.00
B04	SYBR	HSC70	Unkn-08	T08-G	79.00
B05	SYBR	HSC70	Unkn-09	T09-G	79.50
B06	SYBR	HSC70	Unkn-09	T09-G	79.50
B07	SYBR	HSC70	Unkn-10	T10-G	79.00
B08	SYBR	HSC70	Unkn-10	T10-G	79.00
B09	SYBR	HSC70	Unkn-11	T16-G	79.00
B10	SYBR	HSC70	Unkn-11	T16-G	79.00
B11	SYBR	HSC70	Unkn-12	T17-G	79.50
B12	SYBR	HSC70	Unkn-12	T17-G	79.50
C01	SYBR	HSC70	Unkn-13	T18-G	79.00
C02	SYBR	HSC70	Unkn-13	T18-G	79.00
C03	SYBR	HSC70	Unkn-14	T19-G	79.00
C04	SYBR	HSC70	Unkn-14	T19-G	79.00
C05	SYBR	HSC70	Unkn-15	T20-G	79.50
C06	SYBR	HSC70	Unkn-15	T20-G	79.00
C07	SYBR	HSC70	Unkn-16	T21-G	79.50
C08	SYBR	HSC70	Unkn-16	T21-G	79.50
C09	SYBR	HSC70	Unkn-17	T22-G	79.50
C10	SYBR	HSC70	Unkn-17	T22-G	79.50
C11	SYBR	HSC70	Unkn-18	T23-G	79.50
C12	SYBR	HSC70	Unkn-18	T23-G	79.50
D01	SYBR	HSC70	Unkn-19	T24-G	79.00
D02	SYBR	HSC70	Unkn-19	T24-G	78.50
D03	SYBR	HSC70	Unkn-20	T25-G	79.50
D04	SYBR	HSC70	Unkn-20	T25-G	79.50
D05	SYBR	HSC70	NTC-01		None
D06	SYBR	HSC70	NTC-01		None
E01	SYBR	sHSP24	Unkn-21	T01-G	81.00
E02	SYBR	sHSP24	Unkn-21	T01-G	80.50
E03	SYBR	sHSP24	Unkn-22	T02-G	81.00
E04	SYBR	sHSP24	Unkn-22	T02-G	81.00
E05	SYBR	sHSP24	Unkn-23	T03-G	80.50
E06	SYBR	sHSP24	Unkn-23	T03-G	80.50
E07	SYBR	sHSP24	Unkn-24	T04-G	81.00
E08	SYBR	sHSP24	Unkn-24	T04-G	81.00
E09	SYBR	sHSP24	Unkn-25	T05-G	80.50
E10	SYBR	sHSP24	Unkn-25	T05-G	80.50
E11	SYBR	sHSP24	Unkn-26	T06-G	80.50
E12	SYBR	sHSP24	Unkn-26	T06-G	81.00
F01	SYBR	sHSP24	Unkn-27	T07-G	81.00
F02	SYBR	sHSP24	Unkn-27	T07-G	81.00

Melt Curve Data

Well	Fluor	Target	Content	Sample	Melt Temp
F03	SYBR	sHSP24	Unkn-28	T08-G	81.00
F04	SYBR	sHSP24	Unkn-28	T08-G	81.00
F05	SYBR	sHSP24	Unkn-29	T09-G	80.50
F06	SYBR	sHSP24	Unkn-29	T09-G	80.50
F07	SYBR	sHSP24	Unkn-30	T10-G	81.00
F08	SYBR	sHSP24	Unkn-30	T10-G	81.00
F09	SYBR	sHSP24	Unkn-31	T16-G	81.00
F10	SYBR	sHSP24	Unkn-31	T16-G	81.00
F11	SYBR	sHSP24	Unkn-32	T17-G	80.50
F12	SYBR	sHSP24	Unkn-32	T17-G	80.50
G01	SYBR	sHSP24	Unkn-33	T18-G	80.50
G02	SYBR	sHSP24	Unkn-33	T18-G	80.50
G03	SYBR	sHSP24	Unkn-34	T19-G	81.00
G04	SYBR	sHSP24	Unkn-34	T19-G	81.00
G05	SYBR	sHSP24	Unkn-35	T20-G	80.50
G06	SYBR	sHSP24	Unkn-35	T20-G	80.50
G07	SYBR	sHSP24	Unkn-36	T21-G	81.00
G08	SYBR	sHSP24	Unkn-36	T21-G	80.50
G09	SYBR	sHSP24	Unkn-37	T22-G	81.00
G10	SYBR	sHSP24	Unkn-37	T22-G	81.00
G11	SYBR	sHSP24	Unkn-38	T23-G	80.50
G12	SYBR	sHSP24	Unkn-38	T23-G	81.00
H01	SYBR	sHSP24	Unkn-39	T24-G	81.50
H02	SYBR	sHSP24	Unkn-39	T24-G	81.00
H03	SYBR	sHSP24	Unkn-40	T25-G	81.00
H04	SYBR	sHSP24	Unkn-40	T25-G	81.00
H05	SYBR	sHSP24	NTC-02		None
H06	SYBR	sHSP24	NTC-02		None

QC Parameters

Data

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		False	

Data

Description	Value	Use	Results	Exclude Wells	All excluded wells
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	SYBR:G7, G8, G11, G12.	False	