



sam_2022-07-27 13-23-11_BR006896.pcrd

08/03/2022 14:48

Report Information

User: BioRad/sam
Data File Name: sam_2022-07-27 13-23-11_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: 07/27/2022 13:23
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 HSP90 T01-G control	Unk-1 HSP90 T01-G control	Unk-2 HSP90 T02-G control	Unk-2 HSP90 T02-G control	Unk-3 HSP90 T03-G control	Unk-3 HSP90 T03-G control	Unk-4 HSP90 T04-G control	Unk-4 HSP90 T04-G control	Unk-5 HSP90 T05-G control	Unk-5 HSP90 T05-G control	Unk-6 HSP90 T06-G control	Unk-6 HSP90 T06-G control
B	Unk-7 HSP90 T07-G control	Unk-7 HSP90 T07-G control	Unk-8 HSP90 T08-G control	Unk-8 HSP90 T08-G control	Unk-9 HSP90 T09-G control	Unk-9 HSP90 T09-G control	Unk-10 HSP90 T10-G control	Unk-10 HSP90 T10-G control	Unk-11 HSP90 T16-G heat stressed	Unk-11 HSP90 T16-G heat stressed	Unk-12 HSP90 T17-G heat stressed	Unk-12 HSP90 T17-G heat stressed
C	Unk-13 HSP90 T18-G heat stressed	Unk-13 HSP90 T18-G heat stressed	Unk-14 HSP90 T19-G heat stressed	Unk-14 HSP90 T19-G heat stressed	Unk-15 HSP90 T20-G heat stressed	Unk-15 HSP90 T20-G heat stressed	Unk-16 HSP90 T21-G heat stressed	Unk-16 HSP90 T21-G heat stressed	Unk-17 HSP90 T22-G heat stressed	Unk-17 HSP90 T22-G heat stressed	Unk-18 HSP90 T23-G heat stressed	Unk-18 HSP90 T23-G heat stressed

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
D	Unk-19 HSP90 T24-G heat stressed	Unk-19 HSP90 T24-G heat stressed	Unk-20 HSP90 T25-G heat stressed	Unk-20 HSP90 T25-G heat stressed	NTC-1 HSP90 control	NTC-1 HSP90 control						
E	Unk-21 SQSTM1 T01-G control	Unk-21 SQSTM1 T01-G control	Unk-22 SQSTM1 T02-G control	Unk-22 SQSTM1 T02-G control	Unk-23 SQSTM1 T03-G control	Unk-23 SQSTM1 T03-G control	Unk-24 SQSTM1 T04-G control	Unk-24 SQSTM1 T04-G control	Unk-25 SQSTM1 T05-G control	Unk-25 SQSTM1 T05-G control	Unk-26 SQSTM1 T06-G control	Unk-26 SQSTM1 T06-G control
F	Unk-27 SQSTM1 T07-G control	Unk-27 SQSTM1 T07-G control	Unk-28 SQSTM1 T08-G control	Unk-28 SQSTM1 T08-G control	Unk-29 SQSTM1 T09-G control	Unk-29 SQSTM1 T09-G control	Unk-30 SQSTM1 T10-G control	Unk-30 SQSTM1 T10-G control	Unk-31 SQSTM1 T16-G heat stressed	Unk-31 SQSTM1 T16-G heat stressed	Unk-32 SQSTM1 T17-G heat stressed	Unk-32 SQSTM1 T17-G heat stressed
G	Unk-33 SQSTM1 T18-G heat stressed	Unk-33 SQSTM1 T18-G heat stressed	Unk-34 SQSTM1 T19-G heat stressed	Unk-34 SQSTM1 T19-G heat stressed	Unk-35 SQSTM1 T20-G heat stressed	Unk-35 SQSTM1 T20-G heat stressed	Unk-36 SQSTM1 T21-G heat stressed	Unk-36 SQSTM1 T21-G heat stressed	Unk-37 SQSTM1 T22-G heat stressed	Unk-37 SQSTM1 T22-G heat stressed	Unk-38 SQSTM1 T23-G heat stressed	Unk-38 SQSTM1 T23-G heat stressed
H	Unk-39 SQSTM1 T24-G heat stressed	Unk-39 SQSTM1 T24-G heat stressed	Unk-40 SQSTM1 T25-G heat stressed	Unk-40 SQSTM1 T25-G heat stressed	NTC-2 SQSTM1 heat stressed	NTC-2 SQSTM1 heat stressed						

Quantification

Step #: 3

Analysis Mode: Fluorophore

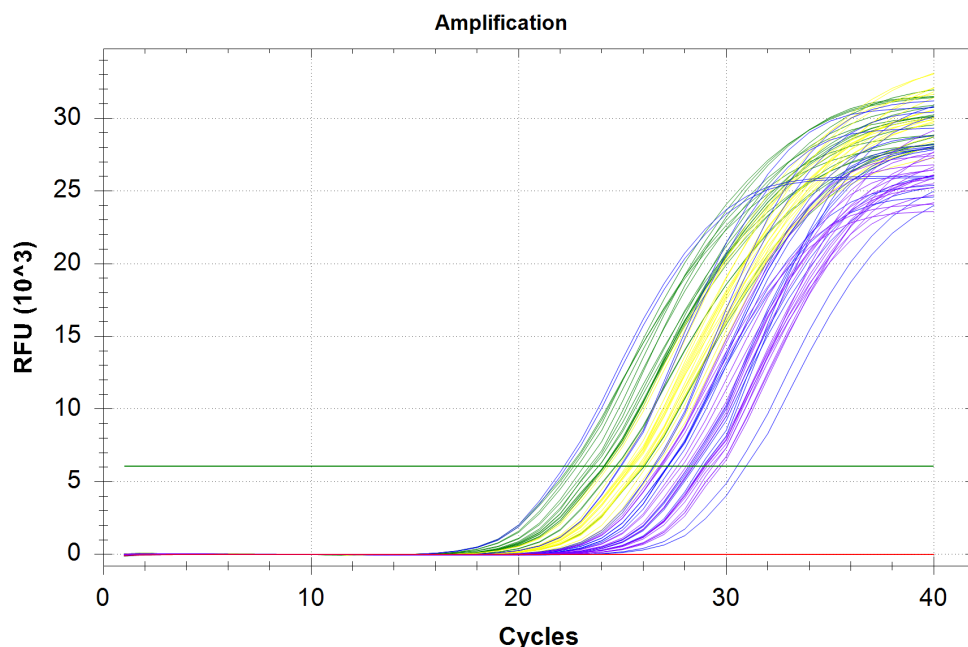
Cq Determination: Single Threshold

Baseline Method:

SYBR: Auto Calculated

Threshold Setting:

SYBR: 6062.90, Auto Calculated



Quantification Data

Well	Fluor	Target	Content	Sample	Biological Set Name	Cq	Cq Mean	Cq Std. Dev
A01	SYBR	HSP90	Unkn-01	T01-G	control	23.60	23.72	0.176

Quantification Data

Well	Fluor	Target	Content	Sample	Biological Set Name	Cq	Cq Mean	Cq Std. Dev
A02	SYBR	HSP90	Unkn-01	T01-G	control	23.85	23.72	0.176
A03	SYBR	HSP90	Unkn-02	T02-G	control	24.10	24.11	0.016
A04	SYBR	HSP90	Unkn-02	T02-G	control	24.12	24.11	0.016
A05	SYBR	HSP90	Unkn-03	T03-G	control	22.65	22.74	0.119
A06	SYBR	HSP90	Unkn-03	T03-G	control	22.82	22.74	0.119
A07	SYBR	HSP90	Unkn-04	T04-G	control	24.22	24.18	0.054
A08	SYBR	HSP90	Unkn-04	T04-G	control	24.14	24.18	0.054
A09	SYBR	HSP90	Unkn-05	T05-G	control	24.10	23.81	0.409
A10	SYBR	HSP90	Unkn-05	T05-G	control	23.52	23.81	0.409
A11	SYBR	HSP90	Unkn-06	T06-G	control	23.15	23.28	0.181
A12	SYBR	HSP90	Unkn-06	T06-G	control	23.41	23.28	0.181
B01	SYBR	HSP90	Unkn-07	T07-G	control	24.65	24.67	0.024
B02	SYBR	HSP90	Unkn-07	T07-G	control	24.69	24.67	0.024
B03	SYBR	HSP90	Unkn-08	T08-G	control	22.47	22.51	0.050
B04	SYBR	HSP90	Unkn-08	T08-G	control	22.54	22.51	0.050
B05	SYBR	HSP90	Unkn-09	T09-G	control	23.84	23.97	0.184
B06	SYBR	HSP90	Unkn-09	T09-G	control	24.10	23.97	0.184
B07	SYBR	HSP90	Unkn-10	T10-G	control	26.05	26.05	0.009
B08	SYBR	HSP90	Unkn-10	T10-G	control	26.04	26.05	0.009
B09	SYBR	HSP90	Unkn-11	T16-G	heat stressed	25.78	25.56	0.315
B10	SYBR	HSP90	Unkn-11	T16-G	heat stressed	25.34	25.56	0.315
B11	SYBR	HSP90	Unkn-12	T17-G	heat stressed	25.46	25.13	0.472
B12	SYBR	HSP90	Unkn-12	T17-G	heat stressed	24.79	25.13	0.472
C01	SYBR	HSP90	Unkn-13	T18-G	heat stressed	26.16	25.96	0.294
C02	SYBR	HSP90	Unkn-13	T18-G	heat stressed	25.75	25.96	0.294
C03	SYBR	HSP90	Unkn-14	T19-G	heat stressed	26.45	26.53	0.118
C04	SYBR	HSP90	Unkn-14	T19-G	heat stressed	26.62	26.53	0.118
C05	SYBR	HSP90	Unkn-15	T20-G	heat stressed	25.33	25.30	0.047
C06	SYBR	HSP90	Unkn-15	T20-G	heat stressed	25.26	25.30	0.047
C07	SYBR	HSP90	Unkn-16	T21-G	heat stressed	25.42	25.47	0.067
C08	SYBR	HSP90	Unkn-16	T21-G	heat stressed	25.52	25.47	0.067
C09	SYBR	HSP90	Unkn-17	T22-G	heat stressed	26.00	25.93	0.091
C10	SYBR	HSP90	Unkn-17	T22-G	heat stressed	25.87	25.93	0.091
C11	SYBR	HSP90	Unkn-18	T23-G	heat stressed	25.39	25.28	0.144
C12	SYBR	HSP90	Unkn-18	T23-G	heat stressed	25.18	25.28	0.144
D01	SYBR	HSP90	Unkn-19	T24-G	heat stressed	25.97	25.96	0.026

Quantification Data

Well	Fluor	Target	Content	Sample	Biological Set Name	Cq	Cq Mean	Cq Std. Dev
D02	SYBR	HSP90	Unkn-19	T24-G	heat stressed	25.94	25.96	0.026
D03	SYBR	HSP90	Unkn-20	T25-G	heat stressed	24.20	24.26	0.089
D04	SYBR	HSP90	Unkn-20	T25-G	heat stressed	24.33	24.26	0.089
D05	SYBR	HSP90	NTC-01		control	N/A	0.00	0.000
D06	SYBR	HSP90	NTC-01		control	N/A	0.00	0.000
E01	SYBR	SQSTM1	Unkn-21	T01-G	control	27.20	27.18	0.025
E02	SYBR	SQSTM1	Unkn-21	T01-G	control	27.17	27.18	0.025
E03	SYBR	SQSTM1	Unkn-22	T02-G	control	27.20	27.31	0.154
E04	SYBR	SQSTM1	Unkn-22	T02-G	control	27.42	27.31	0.154
E05	SYBR	SQSTM1	Unkn-23	T03-G	control	24.94	24.91	0.032
E06	SYBR	SQSTM1	Unkn-23	T03-G	control	24.89	24.91	0.032
E07	SYBR	SQSTM1	Unkn-24	T04-G	control	28.77	28.83	0.087
E08	SYBR	SQSTM1	Unkn-24	T04-G	control	28.90	28.83	0.087
E09	SYBR	SQSTM1	Unkn-25	T05-G	control	28.27	28.23	0.054
E10	SYBR	SQSTM1	Unkn-25	T05-G	control	28.19	28.23	0.054
E11	SYBR	SQSTM1	Unkn-26	T06-G	control	26.49	26.52	0.035
E12	SYBR	SQSTM1	Unkn-26	T06-G	control	26.54	26.52	0.035
F01	SYBR	SQSTM1	Unkn-27	T07-G	control	28.50	28.45	0.068
F02	SYBR	SQSTM1	Unkn-27	T07-G	control	28.40	28.45	0.068
F03	SYBR	SQSTM1	Unkn-28	T08-G	control	22.19	22.26	0.099
F04	SYBR	SQSTM1	Unkn-28	T08-G	control	22.33	22.26	0.099
F05	SYBR	SQSTM1	Unkn-29	T09-G	control	27.16	27.18	0.026
F06	SYBR	SQSTM1	Unkn-29	T09-G	control	27.19	27.18	0.026
F07	SYBR	SQSTM1	Unkn-30	T10-G	control	30.51	30.73	0.306
F08	SYBR	SQSTM1	Unkn-30	T10-G	control	30.95	30.73	0.306
F09	SYBR	SQSTM1	Unkn-31	T16-G	heat stressed	28.18	28.13	0.080
F10	SYBR	SQSTM1	Unkn-31	T16-G	heat stressed	28.07	28.13	0.080
F11	SYBR	SQSTM1	Unkn-32	T17-G	heat stressed	28.34	28.38	0.058
F12	SYBR	SQSTM1	Unkn-32	T17-G	heat stressed	28.42	28.38	0.058
G01	SYBR	SQSTM1	Unkn-33	T18-G	heat stressed	29.36	29.56	0.286
G02	SYBR	SQSTM1	Unkn-33	T18-G	heat stressed	29.76	29.56	0.286
G03	SYBR	SQSTM1	Unkn-34	T19-G	heat stressed	29.62	29.62	0.003
G04	SYBR	SQSTM1	Unkn-34	T19-G	heat stressed	29.62	29.62	0.003
G05	SYBR	SQSTM1	Unkn-35	T20-G	heat stressed	27.65	27.75	0.139
G06	SYBR	SQSTM1	Unkn-35	T20-G	heat stressed	27.85	27.75	0.139
G07	SYBR	SQSTM1	Unkn-36	T21-G	heat stressed	29.00	28.98	0.026
G08	SYBR	SQSTM1	Unkn-36	T21-G	heat stressed	28.96	28.98	0.026
G09	SYBR	SQSTM1	Unkn-37	T22-G	heat stressed	29.09	29.17	0.106

Quantification Data

Well	Fluor	Target	Content	Sample	Biological Set Name	Cq	Cq Mean	Cq Std. Dev
G10	SYBR	SQSTM1	Unkn-37	T22-G	heat stressed	29.24	29.17	0.106
G11	SYBR	SQSTM1	Unkn-38	T23-G	heat stressed	26.81	26.83	0.028
G12	SYBR	SQSTM1	Unkn-38	T23-G	heat stressed	26.85	26.83	0.028
H01	SYBR	SQSTM1	Unkn-39	T24-G	heat stressed	28.91	28.93	0.030
H02	SYBR	SQSTM1	Unkn-39	T24-G	heat stressed	28.95	28.93	0.030
H03	SYBR	SQSTM1	Unkn-40	T25-G	heat stressed	26.77	26.83	0.097
H04	SYBR	SQSTM1	Unkn-40	T25-G	heat stressed	26.90	26.83	0.097
H05	SYBR	SQSTM1	NTC-02		heat stressed	N/A	0.00	0.000
H06	SYBR	SQSTM1	NTC-02		heat stressed	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
HSP90	HSP90	False	Yes	100.0%
SQSTM1	SQSTM1	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

Sample Names

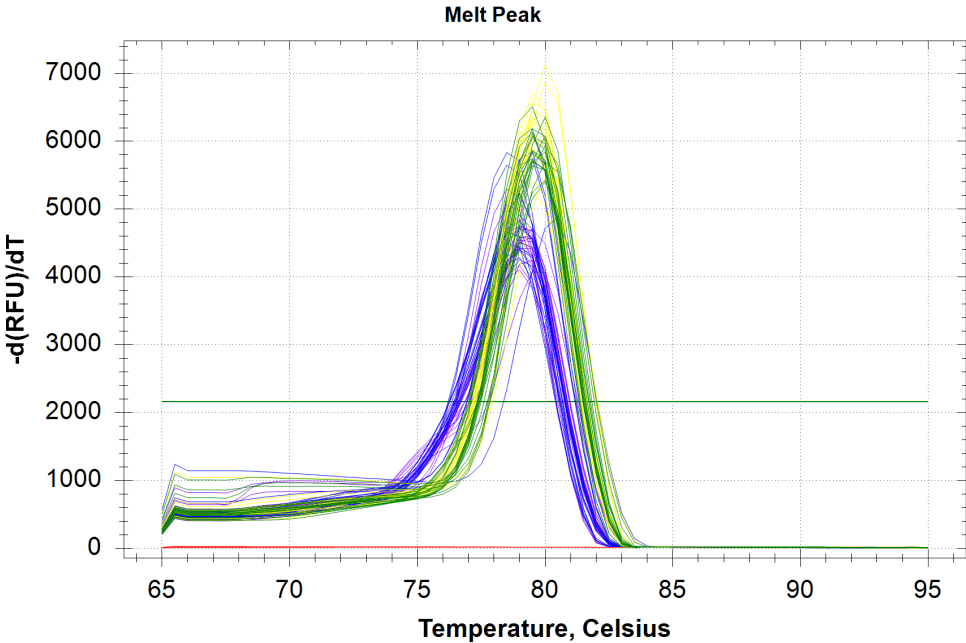
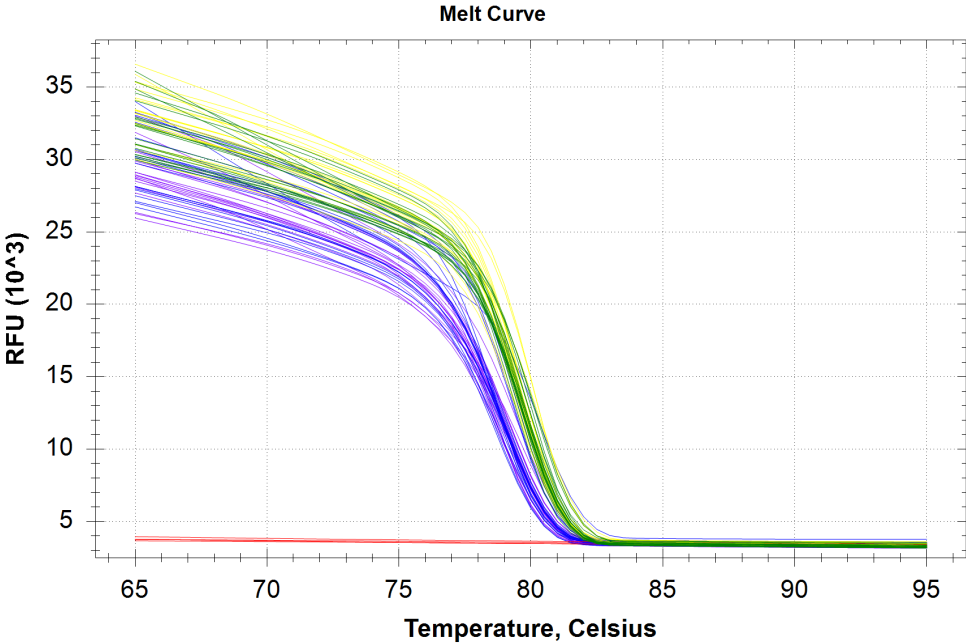
Name	Full Name	Control
T24-G	T24-G	No
T25-G	T25-G	No

Gene Expression - Bar Chart Data

Target	Sample	Control	Expression	Expression SEM	Corrected Expression SEM	Mean Cq	Cq SEM	P-Value
HSP90	T01-G		N/A	N/A	N/A	23.72	0.12419	N/A
HSP90	T02-G		N/A	N/A	N/A	24.11	0.01155	N/A
HSP90	T03-G		N/A	N/A	N/A	22.74	0.08416	N/A
HSP90	T04-G		N/A	N/A	N/A	24.18	0.03835	N/A
HSP90	T05-G		N/A	N/A	N/A	23.81	0.28936	N/A
HSP90	T06-G		N/A	N/A	N/A	23.28	0.12822	N/A
HSP90	T07-G		N/A	N/A	N/A	24.67	0.01681	N/A
HSP90	T08-G		N/A	N/A	N/A	22.51	0.03559	N/A
HSP90	T09-G		N/A	N/A	N/A	23.97	0.13016	N/A
HSP90	T10-G		N/A	N/A	N/A	26.05	0.00629	N/A
HSP90	T16-G		N/A	N/A	N/A	25.56	0.22295	N/A
HSP90	T17-G		N/A	N/A	N/A	25.13	0.33353	N/A
HSP90	T18-G		N/A	N/A	N/A	25.96	0.20807	N/A
HSP90	T19-G		N/A	N/A	N/A	26.53	0.08332	N/A
HSP90	T20-G		N/A	N/A	N/A	25.30	0.03353	N/A
HSP90	T21-G		N/A	N/A	N/A	25.47	0.04752	N/A
HSP90	T22-G		N/A	N/A	N/A	25.93	0.06411	N/A
HSP90	T23-G		N/A	N/A	N/A	25.28	0.10203	N/A
HSP90	T24-G		N/A	N/A	N/A	25.96	0.01826	N/A
HSP90	T25-G		N/A	N/A	N/A	24.26	0.06293	N/A
SQSTM1	T01-G		N/A	N/A	N/A	27.18	0.01769	N/A
SQSTM1	T02-G		N/A	N/A	N/A	27.31	0.10917	N/A
SQSTM1	T03-G		N/A	N/A	N/A	24.91	0.02288	N/A
SQSTM1	T04-G		N/A	N/A	N/A	28.83	0.06175	N/A
SQSTM1	T05-G		N/A	N/A	N/A	28.23	0.03852	N/A
SQSTM1	T06-G		N/A	N/A	N/A	26.52	0.02450	N/A
SQSTM1	T07-G		N/A	N/A	N/A	28.45	0.04841	N/A
SQSTM1	T08-G		N/A	N/A	N/A	22.26	0.06972	N/A
SQSTM1	T09-G		N/A	N/A	N/A	27.18	0.01846	N/A
SQSTM1	T10-G		N/A	N/A	N/A	30.73	0.21603	N/A
SQSTM1	T16-G		N/A	N/A	N/A	28.13	0.05687	N/A
SQSTM1	T17-G		N/A	N/A	N/A	28.38	0.04104	N/A
SQSTM1	T18-G		N/A	N/A	N/A	29.56	0.20230	N/A
SQSTM1	T19-G		N/A	N/A	N/A	29.62	0.00189	N/A
SQSTM1	T20-G		N/A	N/A	N/A	27.75	0.09814	N/A
SQSTM1	T21-G		N/A	N/A	N/A	28.98	0.01822	N/A
SQSTM1	T22-G		N/A	N/A	N/A	29.17	0.07489	N/A
SQSTM1	T23-G		N/A	N/A	N/A	26.83	0.01997	N/A
SQSTM1	T24-G		N/A	N/A	N/A	28.93	0.02131	N/A
SQSTM1	T25-G		N/A	N/A	N/A	26.83	0.06831	N/A

Melt Curve

Step #: 5



Melt Curve Data

Well	Fluor	Target	Content	Sample	Melt Temp
A01	SYBR	HSP90	Unkn-01	T01-G	80.00
A02	SYBR	HSP90	Unkn-01	T01-G	80.00
A03	SYBR	HSP90	Unkn-02	T02-G	79.50
A04	SYBR	HSP90	Unkn-02	T02-G	79.50

Melt Curve Data

Well	Fluor	Target	Content	Sample	Melt Temp
A05	SYBR	HSP90	Unkn-03	T03-G	79.50
A06	SYBR	HSP90	Unkn-03	T03-G	79.50
A07	SYBR	HSP90	Unkn-04	T04-G	79.50
A08	SYBR	HSP90	Unkn-04	T04-G	79.50
A09	SYBR	HSP90	Unkn-05	T05-G	79.50
A10	SYBR	HSP90	Unkn-05	T05-G	80.00
A11	SYBR	HSP90	Unkn-06	T06-G	80.00
A12	SYBR	HSP90	Unkn-06	T06-G	80.00
B01	SYBR	HSP90	Unkn-07	T07-G	79.50
B02	SYBR	HSP90	Unkn-07	T07-G	79.50
B03	SYBR	HSP90	Unkn-08	T08-G	79.50
B04	SYBR	HSP90	Unkn-08	T08-G	79.50
B05	SYBR	HSP90	Unkn-09	T09-G	80.00
B06	SYBR	HSP90	Unkn-09	T09-G	80.00
B07	SYBR	HSP90	Unkn-10	T10-G	79.50
B08	SYBR	HSP90	Unkn-10	T10-G	79.50
B09	SYBR	HSP90	Unkn-11	T16-G	79.50
B10	SYBR	HSP90	Unkn-11	T16-G	79.50
B11	SYBR	HSP90	Unkn-12	T17-G	79.50
B12	SYBR	HSP90	Unkn-12	T17-G	80.00
C01	SYBR	HSP90	Unkn-13	T18-G	79.50
C02	SYBR	HSP90	Unkn-13	T18-G	79.50
C03	SYBR	HSP90	Unkn-14	T19-G	79.50
C04	SYBR	HSP90	Unkn-14	T19-G	79.50
C05	SYBR	HSP90	Unkn-15	T20-G	79.50
C06	SYBR	HSP90	Unkn-15	T20-G	79.50
C07	SYBR	HSP90	Unkn-16	T21-G	79.50
C08	SYBR	HSP90	Unkn-16	T21-G	79.50
C09	SYBR	HSP90	Unkn-17	T22-G	79.50
C10	SYBR	HSP90	Unkn-17	T22-G	79.50
C11	SYBR	HSP90	Unkn-18	T23-G	80.00
C12	SYBR	HSP90	Unkn-18	T23-G	80.00
D01	SYBR	HSP90	Unkn-19	T24-G	79.50
D02	SYBR	HSP90	Unkn-19	T24-G	79.50
D03	SYBR	HSP90	Unkn-20	T25-G	79.50
D04	SYBR	HSP90	Unkn-20	T25-G	79.50
D05	SYBR	HSP90	NTC-01		None
D06	SYBR	HSP90	NTC-01		None
E01	SYBR	SQSTM1	Unkn-21	T01-G	79.00
E02	SYBR	SQSTM1	Unkn-21	T01-G	79.00
E03	SYBR	SQSTM1	Unkn-22	T02-G	79.00
E04	SYBR	SQSTM1	Unkn-22	T02-G	79.00
E05	SYBR	SQSTM1	Unkn-23	T03-G	78.50
E06	SYBR	SQSTM1	Unkn-23	T03-G	78.50
E07	SYBR	SQSTM1	Unkn-24	T04-G	79.50
E08	SYBR	SQSTM1	Unkn-24	T04-G	79.50
E09	SYBR	SQSTM1	Unkn-25	T05-G	79.00
E10	SYBR	SQSTM1	Unkn-25	T05-G	79.00
E11	SYBR	SQSTM1	Unkn-26	T06-G	79.50
E12	SYBR	SQSTM1	Unkn-26	T06-G	80.50

Melt Curve Data

Well	Fluor	Target	Content	Sample	Melt Temp
F01	SYBR	SQSTM1	Unkn-27	T07-G	79.00
F02	SYBR	SQSTM1	Unkn-27	T07-G	79.00
F03	SYBR	SQSTM1	Unkn-28	T08-G	79.00
F04	SYBR	SQSTM1	Unkn-28	T08-G	79.00
F05	SYBR	SQSTM1	Unkn-29	T09-G	78.50
F06	SYBR	SQSTM1	Unkn-29	T09-G	78.50
F07	SYBR	SQSTM1	Unkn-30	T10-G	79.00
F08	SYBR	SQSTM1	Unkn-30	T10-G	79.00
F09	SYBR	SQSTM1	Unkn-31	T16-G	79.00
F10	SYBR	SQSTM1	Unkn-31	T16-G	79.50
F11	SYBR	SQSTM1	Unkn-32	T17-G	78.50
F12	SYBR	SQSTM1	Unkn-32	T17-G	78.50
G01	SYBR	SQSTM1	Unkn-33	T18-G	79.50
G02	SYBR	SQSTM1	Unkn-33	T18-G	79.00
G03	SYBR	SQSTM1	Unkn-34	T19-G	79.00
G04	SYBR	SQSTM1	Unkn-34	T19-G	79.00
G05	SYBR	SQSTM1	Unkn-35	T20-G	79.00
G06	SYBR	SQSTM1	Unkn-35	T20-G	79.00
G07	SYBR	SQSTM1	Unkn-36	T21-G	79.50
G08	SYBR	SQSTM1	Unkn-36	T21-G	79.00
G09	SYBR	SQSTM1	Unkn-37	T22-G	79.00
G10	SYBR	SQSTM1	Unkn-37	T22-G	79.00
G11	SYBR	SQSTM1	Unkn-38	T23-G	79.00
G12	SYBR	SQSTM1	Unkn-38	T23-G	79.50
H01	SYBR	SQSTM1	Unkn-39	T24-G	79.50
H02	SYBR	SQSTM1	Unkn-39	T24-G	79.50
H03	SYBR	SQSTM1	Unkn-40	T25-G	79.00
H04	SYBR	SQSTM1	Unkn-40	T25-G	79.00
H05	SYBR	SQSTM1	NTC-02		None
H06	SYBR	SQSTM1	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	

Data

Description	Value	Use	Results	Exclude Wells	All excluded wells
Unknown without a Cq	N/A	True		False	
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:A9, A10, B9, B10, B11, B12, C1, C2, F7, F8, G1, G2.	False	