sam_2018-10-18 11-28-40_BR006896_18s.pcrd

10/18/2018 13:31

Report Information

User: BioRad/sam
Data File Name: sam_2018-10-18 11-28-40_BR006896_18s.pcrd
Data File Path: \\owl.fish.washington.edu\web\scaphapoda\qPCR_data\cfx_connect_data
Well Group Name: All Wells
Report Differs from Last Save: No

Run Setup

Run Information

Run Date: 10/18/2018 11:28
Run User: sam
Run Type: User-defined
Plate File: 20181018_gigas_cDNA.pltd
ID:
Notes:
Sample Volume: 20
Temperature Control Mode: Calculated
Lid Temperature: 105
Base Serial Number: BR006896
Optical Head Serial Number: 788BR07000

Protocol

1: 98.0°C for 2:00
2: 98.0°C for 0:02
3: 55.0°C for 0:05
Plate Read
4: GOTO 2, 39 more times
5: Melt Curve 75.0°C to 95.0°C: Increment 0.2°C 0:10
Plate Read

Plate Display

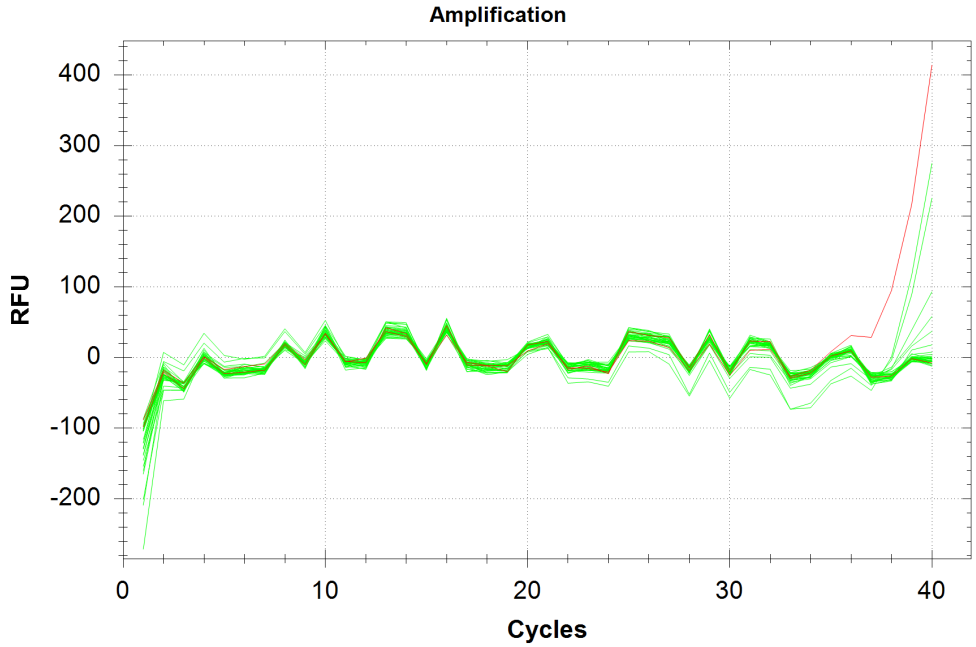
	1	2	3	4	5	6	7	8	9	10	11	12
A	Unk-1 18s D01-C	Unk-1 18s D01-C	Unk-2 18s D02-C	Unk-2 18s D02-C	Unk-3 18s D09-C	Unk-3 18s D09-C	Unk-4 18s D10-C	Unk-4 18s D10-C	Unk-5 18s D11-C	Unk-5 18s D11-C	Unk-6 18s D12-C	Unk-6 18s D12-C
B	Unk-7 18s D19-C	Unk-7 18s D19-C	Unk-8 18s D20-C	Unk-8 18s D20-C	Unk-9 18s T01-C	Unk-9 18s T01-C	Unk-10 18s T02-C	Unk-10 18s T02-C	Unk-11 18s T09-C	Unk-11 18s T09-C	Unk-12 18s T10-C	Unk-12 18s T10-C
C	Unk-13 18s T11-C	Unk-13 18s T11-C	Unk-14 18s T12-C	Unk-14 18s T12-C	Unk-15 18s T19-C	Unk-15 18s T19-C	Unk-16 18s T20-C	Unk-16 18s T20-C	NTC-1 18s	NTC-1 18s		
D												
E	*Unk-17 HSC70 D01-C	*Unk-17 HSC70 D01-C	*Unk-18 HSC70 D02-C	*Unk-18 HSC70 D02-C	*Unk-19 HSC70 D09-C	*Unk-19 HSC70 D09-C	*Unk-20 HSC70 D10-C	*Unk-20 HSC70 D10-C	*Unk-21 HSC70 D11-C	*Unk-21 HSC70 D11-C	*Unk-22 HSC70 D12-C	*Unk-22 HSC70 D12-C
F	*Unk-23 HSC70 D19-C	*Unk-23 HSC70 D19-C	*Unk-24 HSC70 D20-C	*Unk-24 HSC70 D20-C	*Unk-25 HSC70 T01-C	*Unk-25 HSC70 T01-C	*Unk-26 HSC70 T02-C	*Unk-26 HSC70 T02-C	*Unk-27 HSC70 T09-C	*Unk-27 HSC70 T09-C	*Unk-28 HSC70 T10-C	*Unk-28 HSC70 T10-C

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
G	*Unk-29 HSC70 T11-C	*Unk-29 HSC70 T11-C	*Unk-30 HSC70 T12-C	*Unk-30 HSC70 T12-C	*Unk-31 HSC70 T19-C	*Unk-31 HSC70 T19-C	*Unk-32 HSC70 T20-C	*Unk-32 HSC70 T20-C	*NTC-2 HSC70	*NTC-2 HSC70		
H												

Quantification

Step #: 3
Analysis Mode: Fluorophore
Cq Determination: Single Threshold
Baseline Method:
SYBR: Auto Calculated
Threshold Setting:
SYBR: None, Auto Calculated



Quantification Data

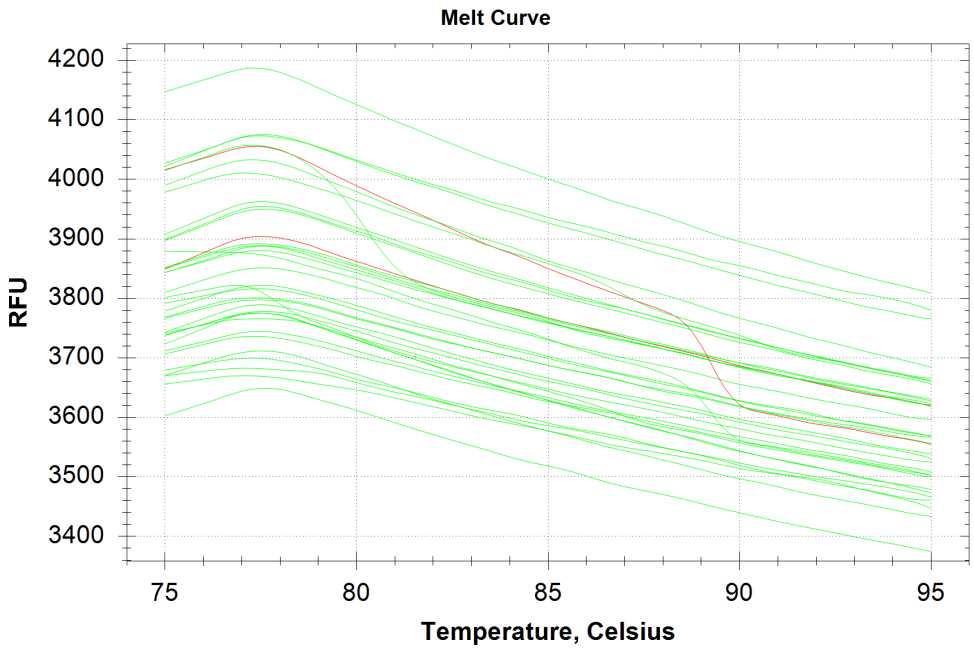
Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A01	SYBR	18s	Unkn-01	D01-C	N/A	0.00	0.000
A02	SYBR	18s	Unkn-01	D01-C	N/A	0.00	0.000
A03	SYBR	18s	Unkn-02	D02-C	N/A	0.00	0.000
A04	SYBR	18s	Unkn-02	D02-C	N/A	0.00	0.000
A05	SYBR	18s	Unkn-03	D09-C	N/A	0.00	0.000
A06	SYBR	18s	Unkn-03	D09-C	N/A	0.00	0.000
A07	SYBR	18s	Unkn-04	D10-C	N/A	0.00	0.000
A08	SYBR	18s	Unkn-04	D10-C	N/A	0.00	0.000
A09	SYBR	18s	Unkn-05	D11-C	N/A	0.00	0.000
A10	SYBR	18s	Unkn-05	D11-C	N/A	0.00	0.000
A11	SYBR	18s	Unkn-06	D12-C	N/A	0.00	0.000
A12	SYBR	18s	Unkn-06	D12-C	N/A	0.00	0.000
B01	SYBR	18s	Unkn-07	D19-C	N/A	0.00	0.000

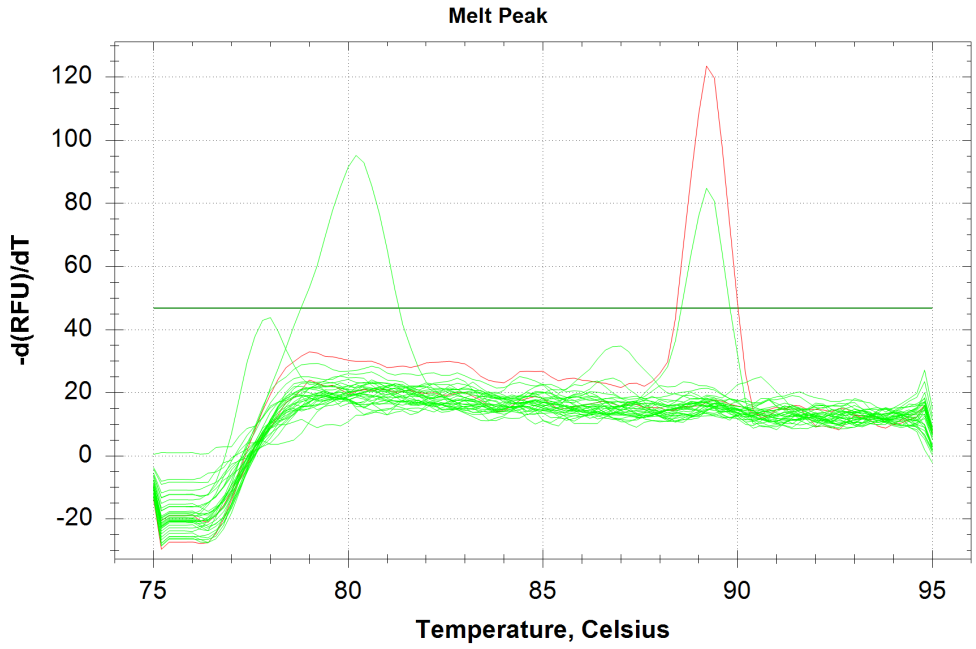
Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
B02	SYBR	18s	Unkn-07	D19-C	N/A	0.00	0.000
B03	SYBR	18s	Unkn-08	D20-C	N/A	0.00	0.000
B04	SYBR	18s	Unkn-08	D20-C	N/A	0.00	0.000
B05	SYBR	18s	Unkn-09	T01-C	N/A	0.00	0.000
B06	SYBR	18s	Unkn-09	T01-C	N/A	0.00	0.000
B07	SYBR	18s	Unkn-10	T02-C	N/A	0.00	0.000
B08	SYBR	18s	Unkn-10	T02-C	N/A	0.00	0.000
B09	SYBR	18s	Unkn-11	T09-C	N/A	0.00	0.000
B10	SYBR	18s	Unkn-11	T09-C	N/A	0.00	0.000
B11	SYBR	18s	Unkn-12	T10-C	N/A	0.00	0.000
B12	SYBR	18s	Unkn-12	T10-C	N/A	0.00	0.000
C01	SYBR	18s	Unkn-13	T11-C	N/A	0.00	0.000
C02	SYBR	18s	Unkn-13	T11-C	N/A	0.00	0.000
C03	SYBR	18s	Unkn-14	T12-C	N/A	0.00	0.000
C04	SYBR	18s	Unkn-14	T12-C	N/A	0.00	0.000
C05	SYBR	18s	Unkn-15	T19-C	N/A	0.00	0.000
C06	SYBR	18s	Unkn-15	T19-C	N/A	0.00	0.000
C07	SYBR	18s	Unkn-16	T20-C	N/A	0.00	0.000
C08	SYBR	18s	Unkn-16	T20-C	N/A	0.00	0.000
C09	SYBR	18s	NTC-01		N/A	0.00	0.000
C10	SYBR	18s	NTC-01		N/A	0.00	0.000

Melt Curve

Step #: 5





Melt Curve Data

Well	Fluor	Target	Content	Sample	Melt Temp
A01	SYBR	18s	Unkn-01	D01-C	None
A02	SYBR	18s	Unkn-01	D01-C	None
A03	SYBR	18s	Unkn-02	D02-C	80.20
A04	SYBR	18s	Unkn-02	D02-C	None
A05	SYBR	18s	Unkn-03	D09-C	None
A06	SYBR	18s	Unkn-03	D09-C	None
A07	SYBR	18s	Unkn-04	D10-C	None
A08	SYBR	18s	Unkn-04	D10-C	None
A09	SYBR	18s	Unkn-05	D11-C	89.20
A10	SYBR	18s	Unkn-05	D11-C	None
A11	SYBR	18s	Unkn-06	D12-C	None
A12	SYBR	18s	Unkn-06	D12-C	None
B01	SYBR	18s	Unkn-07	D19-C	None
B02	SYBR	18s	Unkn-07	D19-C	None
B03	SYBR	18s	Unkn-08	D20-C	None
B04	SYBR	18s	Unkn-08	D20-C	None
B05	SYBR	18s	Unkn-09	T01-C	None
B06	SYBR	18s	Unkn-09	T01-C	None
B07	SYBR	18s	Unkn-10	T02-C	None
B08	SYBR	18s	Unkn-10	T02-C	None
B09	SYBR	18s	Unkn-11	T09-C	None
B10	SYBR	18s	Unkn-11	T09-C	None
B11	SYBR	18s	Unkn-12	T10-C	None
B12	SYBR	18s	Unkn-12	T10-C	None
C01	SYBR	18s	Unkn-13	T11-C	None
C02	SYBR	18s	Unkn-13	T11-C	None
C03	SYBR	18s	Unkn-14	T12-C	None
C04	SYBR	18s	Unkn-14	T12-C	None
C05	SYBR	18s	Unkn-15	T19-C	None

Melt Curve Data

Well	Fluor	Target	Content	Sample	Melt Temp
C06	SYBR	18s	Unkn-15	T19-C	None
C07	SYBR	18s	Unkn-16	T20-C	None
C08	SYBR	18s	Unkn-16	T20-C	None
C09	SYBR	18s	NTC-01		89.20
C10	SYBR	18s	NTC-01		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	SYBR:A1, A2, A3, A4, A5, A6, A7, A8, A9, A10, A11, A12, B1, B2, B3, B4, B5, B6, B7, B8, B9, B10, B11, B12, C1, C2, C3, C4, C5, C6, C7, C8.	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		False	