



sam_2018-12-06 13-24-33_BR006896.pcrd

12/10/2018 09:06

Report Information

User: BioRad/sam

Data File Name: sam_2018-12-06 13-24-33_BR006896.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: 12/06/2018 13:24

Run User: sam

Run Type: User-defined

Plate File: QuickPlate_96 wells_All Channels_01.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

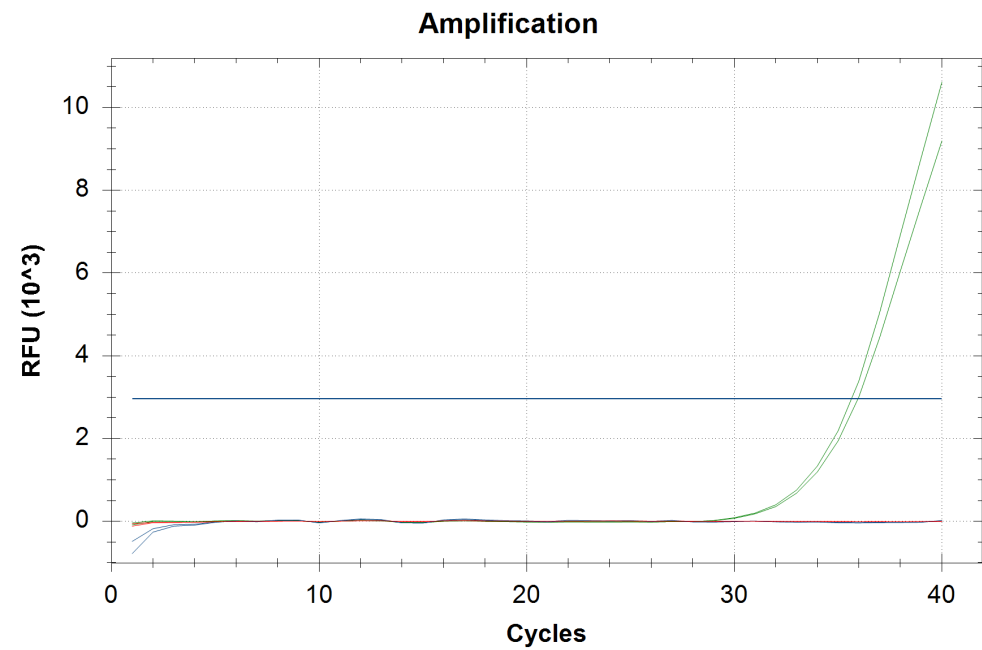
Plate Read

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
A												
B	Unk-1 VTG pooled_cD NA	Unk-1 VTG pooled_cD NA	Unk-2 VTG gDNA	Unk-2 VTG gDNA	NTC-1 VTG	NTC-1 VTG						
C												
D												
E												
F												
G												
H												

Quantification

Step #: 3
Analysis Mode: Fluorophore
Cq Determination: Single Threshold
Baseline Method:
FAM: Auto Calculated
Threshold Setting:
FAM: 2957.36, Auto Calculated



Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
B01	FAM	VTG	Unkn-1	pooled_cDNA	35.96	35.80	0.223
B02	FAM	VTG	Unkn-1	pooled_cDNA	35.64	35.80	0.223
B03	FAM	VTG	Unkn-2	gDNA	N/A	0.00	0.000
B04	FAM	VTG	Unkn-2	gDNA	N/A	0.00	0.000
B05	FAM	VTG	NTC-1		N/A	0.00	0.000
B06	FAM	VTG	NTC-1		N/A	0.00	0.000

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	

Data

Description	Value	Use	Results	Exclude Wells	All excluded wells
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	FAM:B3, B4.	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	FAM:B1, B2.	False	