



sam_2020-07-29 06-54-35_BR006896.pcrd

7/29/2020 8:36 AM

Report Information

User: BioRad/sam
Data File Name: sam_2020-07-29 06-54-35_BR006896.pcrd
Data File Path: F:\
Well Group Name: All Wells
Report Differs from Last Save: Yes

Run Setup

Run Information

Run Date: 7/29/2020 6:54 AM
Run User: sam
Run Type: User-defined
Plate File: 20200729_pgen_TIF3s8-1_primer_tests.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 70.0°C to 85.0°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 TIF3s8-2 cDNA	Unk-1 TIF3s8-2 cDNA	Pos-1 TIF3s8-2 gDNA	Pos-1 TIF3s8-2 gDNA	NTC-1 TIF3s8-2	NTC-1 TIF3s8-2						
B												
C												
D												
E												
F												
G												
H												

Quantification

Step #: 3

Analysis Mode: Fluorophore

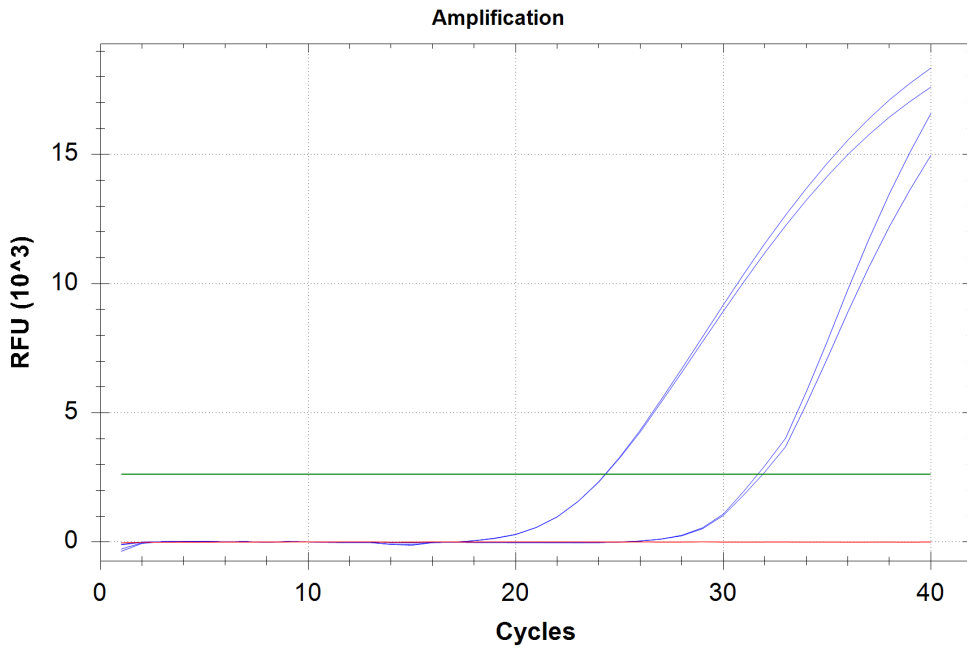
Cq Determination: Single Threshold

Baseline Method:

SYBR: Auto Calculated

Threshold Setting:

SYBR: 2629.41, Auto Calculated



Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A01	SYBR	TIF3s8-2	Unkn-1	cDNA	31.91	31.79	0.169
A02	SYBR	TIF3s8-2	Unkn-1	cDNA	31.67	31.79	0.169
A03	SYBR	TIF3s8-2	Pos Ctrl-1	gDNA	24.31	24.33	0.017
A04	SYBR	TIF3s8-2	Pos Ctrl-1	gDNA	24.34	24.33	0.017
A05	SYBR	TIF3s8-2	NTC-1		N/A	0.00	0.000
A06	SYBR	TIF3s8-2	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	

Data

Description	Value	Use	Results	Exclude Wells	All excluded wells
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	
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	