



sam_2020-03-10 16-09-06_BR006896.pcrd

03/11/2020 06:55

Report Information

User: BioRad/sam

Data File Name: sam_2020-03-10 16-09-06_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: 03/10/2020 16:09

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: 60.0°C for 0:05

Plate Read

4: GOTO 2, 39 more times

5: Melt Curve 70.0°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 SRID 1176/7 6141_123_ 9	Unk SRID 1176/7 6141_123_ 9	Unk SRID 1176/7 6153_209_ 12	Unk SRID 1176/7 6153_209_ 12	Unk SRID 1176/7 6173_210_ 12	Unk SRID 1176/7 6173_210_ 12	Unk SRID 1176/7 6149_226_ 12	Unk SRID 1176/7 6149_226_ 12	Unk SRID 1176/7 6128_231_ 12	Unk SRID 1176/7 6128_231_ 12	Unk SRID 1176/7 6160_238_ 12	Unk SRID 1176/7 6160_238_ 12
B	Unk SRID 1176/7 6164_257_ 12	Unk SRID 1176/7 6164_257_ 12	Unk SRID 1176/7 6255_262_ 12	Unk SRID 1176/7 6255_262_ 12	Unk SRID 1176/7 6234_263_ 12	Unk SRID 1176/7 6234_263_ 12	Unk SRID 1176/7 6266_264_ 12	Unk SRID 1176/7 6266_264_ 12	Unk SRID 1176/7 6223_270_ 12	Unk SRID 1176/7 6223_270_ 12	Unk SRID 1176/7 6261_273_ 12	Unk SRID 1176/7 6261_273_ 12
C	Unk SRID 1176/7 6253_275_ 12	Unk SRID 1176/7 6253_275_ 12	Unk SRID 1176/7 6273_280_ 12	Unk SRID 1176/7 6273_280_ 12	Unk SRID 1176/7 6265_282_ 12	Unk SRID 1176/7 6265_282_ 12	Unk SRID 1176/7 6228_290_ 12	Unk SRID 1176/7 6228_290_ 12	Unk SRID 1176/7 6230_292_ 12	Unk SRID 1176/7 6230_292_ 12	Unk SRID 1176/7 6115_307_ 12	Unk SRID 1176/7 6115_307_ 12

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
D	Unk SRID 1176/7 6272_338_ 12	Unk SRID 1176/7 6272_338_ 12	Unk SRID 1176/7 6141_451_ 26	Unk SRID 1176/7 6141_451_ 26	Unk SRID 1176/7 6144_477_ 26	Unk SRID 1176/7 6144_477_ 26	Unk SRID 1176/7 6211_481_ 26	Unk SRID 1176/7 6211_481_ 26	Pos SRID 1176/7	Pos SRID 1176/7	NTC SRID 1176/7	NTC SRID 1176/7
E	*Unk FAM	*Unk FAM	*Unk FAM	*Unk FAM	*Unk FAM	*Unk FAM	*Unk FAM	*Unk FAM	*Unk FAM	*Unk FAM	*Unk FAM	*Unk FAM
F	*Unk FAM	*Unk FAM	*Unk FAM	*Unk FAM	*Unk FAM	*Unk FAM	*Unk FAM	*Unk FAM	*Unk FAM	*Unk FAM	*Unk FAM	*Unk FAM
G	*Unk FAM	*Unk FAM	*Unk FAM	*Unk FAM	*Unk FAM	*Unk FAM	*Unk FAM	*Unk FAM	*Unk FAM	*Unk FAM	*Unk FAM	*Unk FAM
H	*Unk FAM	*Unk FAM	*Unk FAM	*Unk FAM	*Unk FAM	*Unk FAM	*Unk FAM	*Unk FAM	*Unk FAM	*Unk FAM	*Unk FAM	*Unk FAM

Quantification

Step #: 3

Analysis Mode: Fluorophore

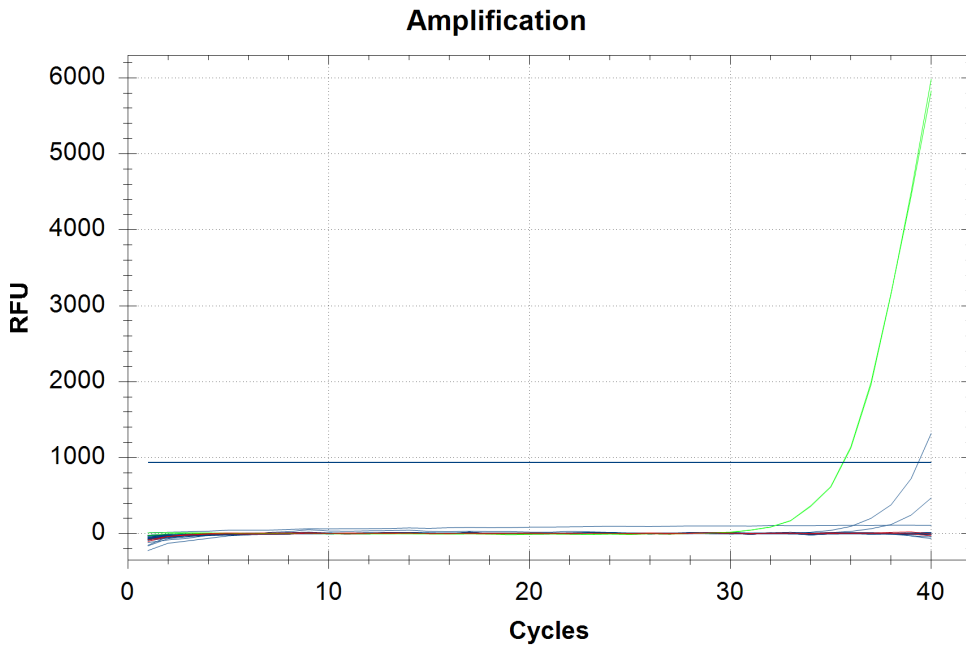
Cq Determination: Single Threshold

Baseline Method:

FAM: Auto Calculated

Threshold Setting:

FAM: 934.78, Auto Calculated



Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A01	FAM	SRID 1176/7	Unkn	6141_123_9	N/A	0.00	0.000
A02	FAM	SRID 1176/7	Unkn	6141_123_9	N/A	0.00	0.000
A03	FAM	SRID 1176/7	Unkn	6153_209_12	N/A	0.00	0.000
A04	FAM	SRID 1176/7	Unkn	6153_209_12	N/A	0.00	0.000

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A05	FAM	SRID 1176/7	Unkn	6173_210_12	N/A	0.00	0.000
A06	FAM	SRID 1176/7	Unkn	6173_210_12	N/A	0.00	0.000
A07	FAM	SRID 1176/7	Unkn	6149_226_12	N/A	0.00	0.000
A08	FAM	SRID 1176/7	Unkn	6149_226_12	N/A	0.00	0.000
A09	FAM	SRID 1176/7	Unkn	6128_231_12	N/A	0.00	0.000
A10	FAM	SRID 1176/7	Unkn	6128_231_12	N/A	0.00	0.000
A11	FAM	SRID 1176/7	Unkn	6160_238_12	N/A	0.00	0.000
A12	FAM	SRID 1176/7	Unkn	6160_238_12	N/A	0.00	0.000
B01	FAM	SRID 1176/7	Unkn	6164_257_12	N/A	0.00	0.000
B02	FAM	SRID 1176/7	Unkn	6164_257_12	N/A	0.00	0.000
B03	FAM	SRID 1176/7	Unkn	6255_262_12	N/A	0.00	0.000
B04	FAM	SRID 1176/7	Unkn	6255_262_12	N/A	0.00	0.000
B05	FAM	SRID 1176/7	Unkn	6234_263_12	N/A	0.00	0.000
B06	FAM	SRID 1176/7	Unkn	6234_263_12	N/A	0.00	0.000
B07	FAM	SRID 1176/7	Unkn	6266_264_12	N/A	0.00	0.000
B08	FAM	SRID 1176/7	Unkn	6266_264_12	N/A	0.00	0.000
B09	FAM	SRID 1176/7	Unkn	6223_270_12	N/A	0.00	0.000
B10	FAM	SRID 1176/7	Unkn	6223_270_12	N/A	0.00	0.000
B11	FAM	SRID 1176/7	Unkn	6261_273_12	N/A	0.00	0.000
B12	FAM	SRID 1176/7	Unkn	6261_273_12	N/A	0.00	0.000
C01	FAM	SRID 1176/7	Unkn	6253_275_12	N/A	0.00	0.000
C02	FAM	SRID 1176/7	Unkn	6253_275_12	N/A	0.00	0.000
C03	FAM	SRID 1176/7	Unkn	6273_280_12	N/A	0.00	0.000
C04	FAM	SRID 1176/7	Unkn	6273_280_12	N/A	0.00	0.000
C05	FAM	SRID 1176/7	Unkn	6265_282_12	N/A	0.00	0.000
C06	FAM	SRID 1176/7	Unkn	6265_282_12	N/A	0.00	0.000
C07	FAM	SRID 1176/7	Unkn	6228_290_12	N/A	0.00	0.000
C08	FAM	SRID 1176/7	Unkn	6228_290_12	N/A	0.00	0.000

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
C09	FAM	SRID 1176/7	Unkn	6230_292_12	N/A	0.00	0.000
C10	FAM	SRID 1176/7	Unkn	6230_292_12	39.35	39.35	0.000
C11	FAM	SRID 1176/7	Unkn	6115_307_12	N/A	0.00	0.000
C12	FAM	SRID 1176/7	Unkn	6115_307_12	N/A	0.00	0.000
D01	FAM	SRID 1176/7	Unkn	6272_338_12	N/A	0.00	0.000
D02	FAM	SRID 1176/7	Unkn	6272_338_12	N/A	0.00	0.000
D03	FAM	SRID 1176/7	Unkn	6141_451_26	N/A	0.00	0.000
D04	FAM	SRID 1176/7	Unkn	6141_451_26	N/A	0.00	0.000
D05	FAM	SRID 1176/7	Unkn	6144_477_26	N/A	0.00	0.000
D06	FAM	SRID 1176/7	Unkn	6144_477_26	N/A	0.00	0.000
D07	FAM	SRID 1176/7	Unkn	6211_481_26	N/A	0.00	0.000
D08	FAM	SRID 1176/7	Unkn	6211_481_26	N/A	0.00	0.000
D09	FAM	SRID 1176/7	Pos Ctrl		35.60	35.60	0.000
D10	FAM	SRID 1176/7	Pos Ctrl		35.63	35.63	0.000
D11	FAM	SRID 1176/7	NTC		N/A	0.00	0.000
D12	FAM	SRID 1176/7	NTC		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	
NRT with a Cq less than	38	True		False	
Positive control with a Cq greater than	30	True	FAM:D9, D10.	False	

Data

Description	Value	Use	Results	Exclude Wells	All excluded wells
Unknown without a Cq	N/A	True	FAM: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, C9, C11, C12, D1, D2, D3, D4, D5, D6, D7, D8.	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	