



sam_2024-12-10_14-48-30_Connect-ATP_synthase-03.pcrd

12/12/2024 14:45

Report Information

User: BioRad/sam
Data File Name: sam_2024-12-10_14-48-30_Connect-ATP_synthase-03.pcrd
Data File Path: C:\Users\Samb\Downloads\lifestage-pcrs
Well Group Name: All Wells
Report Differs from Last Save: No

Run Setup

Run Information

Run Date: 12/10/2024 15:41
Run User: sam
Run Type: User-defined
Plate File: cgig-ATP_synthase-cfx-plate-03.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

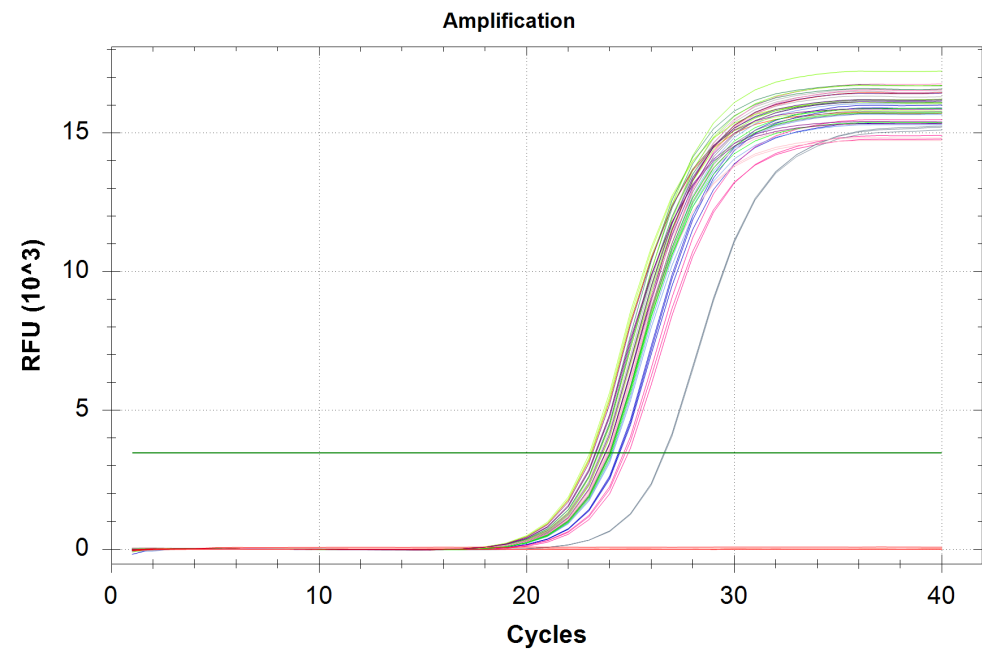
	1	2	3	4	5	6	7	8	9	10	11	12
A	Unk-1 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 351	Unk-1 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 351	Unk-1 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 351	Unk-2 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 353	Unk-2 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 353	Unk-2 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 353	Unk-3 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 355	Unk-3 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 355	Unk-3 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 355	Unk-4 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 357	Unk-4 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 357	Unk-4 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 357
B	Unk-5 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 360	Unk-5 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 360	Unk-5 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 360	Unk-6 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 361	Unk-6 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 361	Unk-6 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 361	Unk-7 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 364	Unk-7 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 364	Unk-7 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 364	Unk-8 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 371	Unk-8 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 371	Unk-8 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 371

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
C	Unk-9 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 374	Unk-9 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 374	Unk-9 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 374	Unk-10 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 378	Unk-10 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 378	Unk-10 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 378	Unk-11 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 381	Unk-11 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 381	Unk-11 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 381	Unk-12 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 386	Unk-12 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 386	Unk-12 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 386
D	Unk-13 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 392	Unk-13 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 392	Unk-13 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 392	Unk-14 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 394	Unk-14 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 394	Unk-14 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 394	Unk-15 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 395	Unk-15 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 395	Unk-15 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 395	NTC-1 Cg_ATPSyn thase_F/R (SR IDs: 1385/6)	NTC-1 Cg_ATPSyn thase_F/R (SR IDs: 1385/6)	NTC-1 Cg_ATPSyn thase_F/R (SR IDs: 1385/6)
E												
F												
G												
H												

Quantification

Step #: 3
Analysis Mode: Fluorophore
Cq Determination: Single Threshold
Baseline Method:
SYBR: Auto Calculated
Threshold Setting:
SYBR: 3471.89, Auto Calculated



Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A01	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-01	351	23.66	23.63	0.062
A02	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-01	351	23.56	23.63	0.062
A03	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-01	351	23.68	23.63	0.062

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A04	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-02	353	23.94	24.00	0.058
A05	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-02	353	24.04	24.00	0.058
A06	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-02	353	24.03	24.00	0.058
A07	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-03	355	N/A	0.00	0.000
A08	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-03	355	23.13	23.47	0.477
A09	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-03	355	23.80	23.47	0.477
A10	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-04	357	24.45	24.45	0.037
A11	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-04	357	24.41	24.45	0.037
A12	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-04	357	24.49	24.45	0.037
B01	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-05	360	24.90	24.78	0.113
B02	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-05	360	24.76	24.78	0.113
B03	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-05	360	24.68	24.78	0.113
B04	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-06	361	24.16	24.11	0.059
B05	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-06	361	24.04	24.11	0.059
B06	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-06	361	24.12	24.11	0.059
B07	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-07	364	23.12	23.08	0.043
B08	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-07	364	23.03	23.08	0.043
B09	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-07	364	23.09	23.08	0.043
B10	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-08	371	26.66	26.63	0.024
B11	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-08	371	26.62	26.63	0.024
B12	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-08	371	26.62	26.63	0.024
C01	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-09	374	23.46	23.41	0.073
C02	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-09	374	23.32	23.41	0.073
C03	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-09	374	23.43	23.41	0.073
C04	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-10	378	23.48	23.61	0.107
C05	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-10	378	23.66	23.61	0.107
C06	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-10	378	23.68	23.61	0.107
C07	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-11	381	23.81	23.74	0.108

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
C08	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-11	381	23.79	23.74	0.108
C09	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-11	381	23.61	23.74	0.108
C10	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-12	386	24.01	24.02	0.022
C11	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-12	386	24.04	24.02	0.022
C12	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-12	386	24.00	24.02	0.022
D01	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-13	392	23.90	23.79	0.129
D02	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-13	392	23.84	23.79	0.129
D03	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-13	392	23.65	23.79	0.129
D04	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-14	394	24.08	24.05	0.030
D05	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-14	394	24.03	24.05	0.030
D06	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-14	394	24.04	24.05	0.030
D07	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-15	395	23.34	23.27	0.087
D08	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-15	395	23.30	23.27	0.087
D09	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-15	395	23.18	23.27	0.087
D10	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	NTC-01		N/A	0.00	0.000
D11	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	NTC-01		N/A	0.00	0.000
D12	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	NTC-01		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	

Data

Description	Value	Use	Results	Exclude Wells	All excluded wells
Positive control with a Cq greater than	30	True		False	
Unknown without a Cq	N/A	True	SYBR:A7.	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	0.50	True		False	