



sam_2025-06-03_17-29-18_Connect-ATP_synthase.pcrd

Report Information

User: BioRad/sam
Data File Name: sam_2025-06-03_17-29-18_Connect-ATP_synthase.pcrd
Data File Path: C:\Users\Samb\Downloads\qPCR-20250603
Well Group Name: All Wells
Report Differs from Last Save: No

Run Setup

Run Information

Run Date: 06/03/2025 17:29
Run User: sam
Run Type: User-defined
Plate File: cgig-02-ATP_synthase-cfx-plate.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

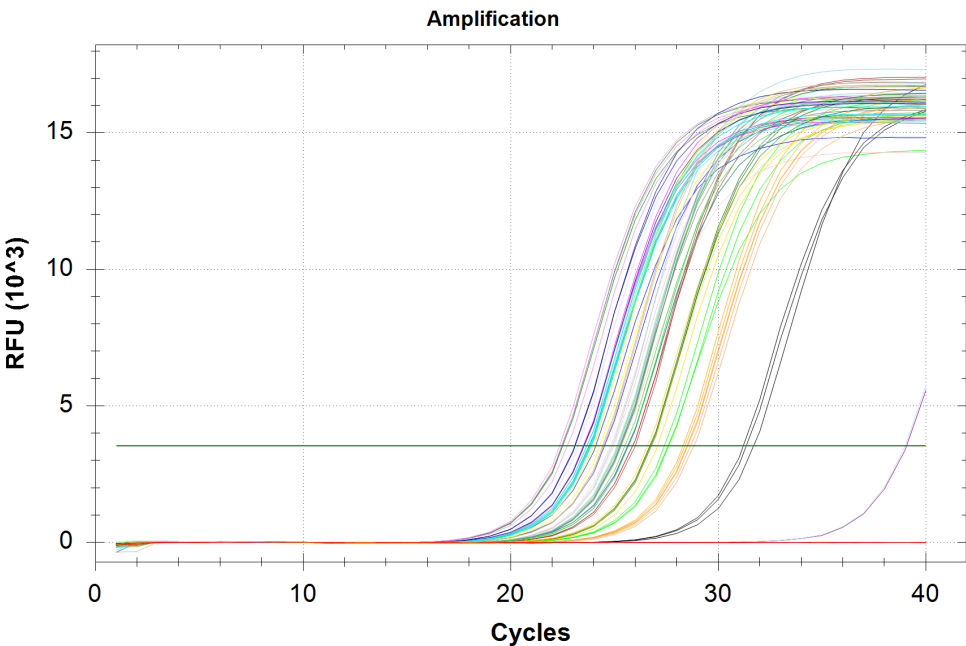
	1	2	3	4	5	6	7	8	9	10	11	12
A	Unk-1 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 12	Unk-1 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 12	Unk-1 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 12	Unk-2 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 14	Unk-2 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 14	Unk-2 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 14	Unk-3 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 15	Unk-3 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 15	Unk-3 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 15	Unk-4 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 18	Unk-4 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 18	Unk-4 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 18
B	Unk-5 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 19	Unk-5 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 19	Unk-5 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 19	Unk-6 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 24	Unk-6 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 24	Unk-6 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 24	Unk-7 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 25	Unk-7 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 25	Unk-7 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 25	Unk-8 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 29	Unk-8 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 29	Unk-8 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 29

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) 39	Unk-9 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 39	Unk-9 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 39	Unk-10 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 40	Unk-10 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 40	Unk-10 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 40	Unk-11 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 43	Unk-11 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 43	Unk-11 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 43	Unk-12 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 49	Unk-12 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 49	Unk-12 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 49
D	Unk-13 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 53	Unk-13 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 53	Unk-13 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 53	Unk-14 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 59	Unk-14 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 59	Unk-14 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 59	Unk-15 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 60	Unk-15 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 60	Unk-15 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 60	Unk-16 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 62	Unk-16 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 62	Unk-16 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 62
E	Unk-17 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 63	Unk-17 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 63	Unk-17 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 63	Unk-18 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 66	Unk-18 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 66	Unk-18 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 66	Unk-19 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 69	Unk-19 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 69	Unk-19 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 69	Unk-20 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 71	Unk-20 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 71	Unk-20 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 71
F	Unk-21 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 73	Unk-21 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 73	Unk-21 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 73	Unk-22 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 75	Unk-22 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 75	Unk-22 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 75	Unk-23 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 79	Unk-23 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 79	Unk-23 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 79	Unk-24 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 81	Unk-24 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 81	Unk-24 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 81
G	Unk-25 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 89	Unk-25 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 89	Unk-25 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 89	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)						
H												

Quantification

Step #: 3
Analysis Mode: Fluorophore
Cq Determination: Single Threshold
Baseline Method:
SYBR: Auto Calculated
Threshold Setting:
SYBR: 3542.05, 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	12	27.58	27.53	0.113
A02	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-01	12	27.61	27.53	0.113
A03	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-01	12	27.40	27.53	0.113
A04	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-02	14	N/A	0.00	0.000
A05	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-02	14	39.07	39.07	0.000
A06	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-02	14	N/A	0.00	0.000
A07	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-03	15	22.47	23.43	1.630
A08	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-03	15	25.31	23.43	1.630
A09	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-03	15	22.51	23.43	1.630
A10	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-04	18	24.52	24.75	0.797
A11	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-04	18	25.64	24.75	0.797
A12	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-04	18	24.10	24.75	0.797
B01	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-05	19	25.34	25.04	0.270
B02	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-05	19	24.97	25.04	0.270
B03	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-05	19	24.81	25.04	0.270
B04	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-06	24	25.88	25.92	0.075
B05	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-06	24	26.01	25.92	0.075
B06	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-06	24	25.88	25.92	0.075
B07	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-07	25	31.71	31.42	0.256
B08	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-07	25	31.35	31.42	0.256
B09	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-07	25	31.21	31.42	0.256
B10	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-08	29	N/A	0.00	0.000
B11	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-08	29	39.02	39.02	0.000
B12	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-08	29	N/A	0.00	0.000
C01	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-09	39	23.86	23.77	0.092
C02	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-09	39	23.79	23.77	0.092
C03	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-09	39	23.67	23.77	0.092

Quantification Data

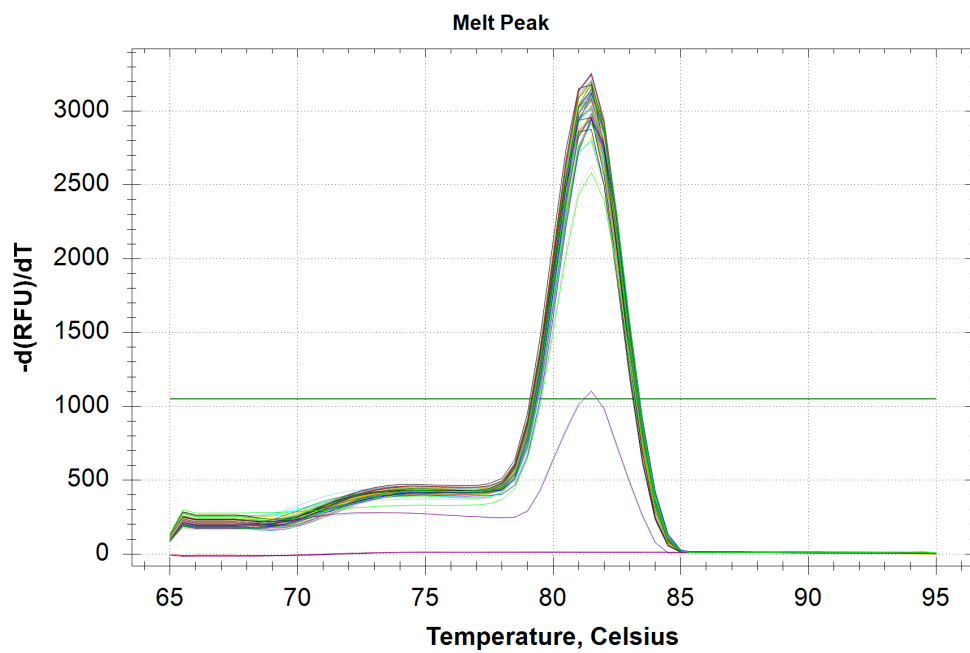
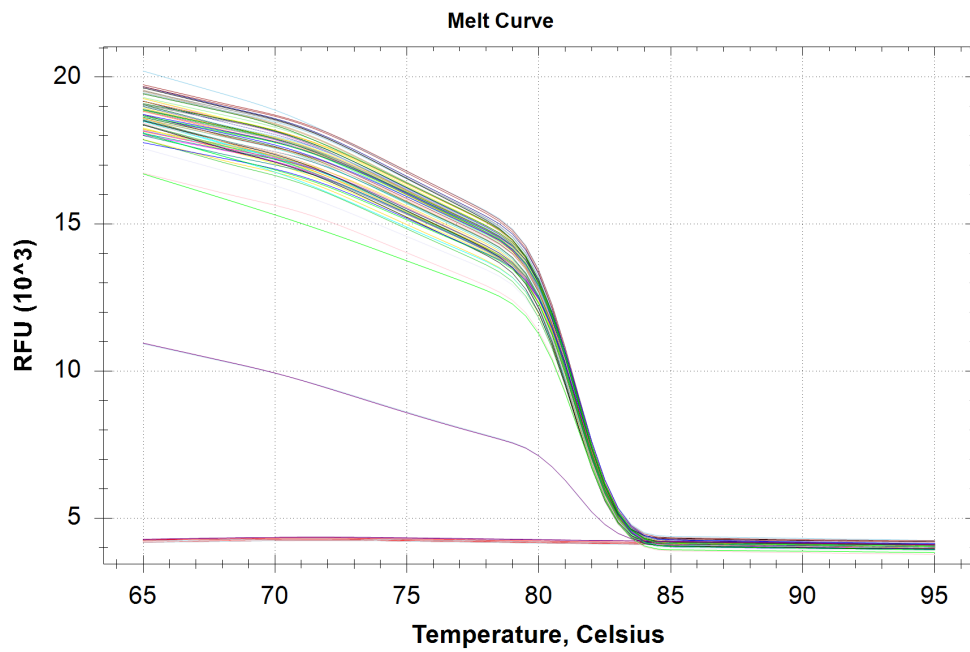
Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
C04	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-10	40	28.30	28.41	0.116
C05	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-10	40	28.39	28.41	0.116
C06	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-10	40	28.53	28.41	0.116
C07	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-11	43	25.33	25.20	0.112
C08	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-11	43	25.13	25.20	0.112
C09	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-11	43	25.15	25.20	0.112
C10	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-12	49	23.51	23.52	0.011
C11	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-12	49	23.52	23.52	0.011
C12	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-12	49	23.53	23.52	0.011
D01	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-13	53	24.30	24.07	0.204
D02	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-13	53	23.90	24.07	0.204
D03	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-13	53	24.02	24.07	0.204
D04	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-14	59	25.18	25.09	0.171
D05	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-14	59	24.89	25.09	0.171
D06	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-14	59	25.20	25.09	0.171
D07	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-15	60	25.26	25.27	0.022
D08	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-15	60	25.29	25.27	0.022
D09	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-15	60	25.25	25.27	0.022
D10	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-16	62	25.68	25.62	0.097
D11	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-16	62	25.67	25.62	0.097
D12	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-16	62	25.51	25.62	0.097
E01	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-17	63	28.82	28.66	0.166
E02	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-17	63	28.67	28.66	0.166
E03	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-17	63	28.49	28.66	0.166
E04	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-18	66	22.46	22.52	0.194
E05	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-18	66	22.73	22.52	0.194
E06	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-18	66	22.36	22.52	0.194
E07	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-19	69	26.71	26.74	0.038

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
E08	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-19	69	26.74	26.74	0.038
E09	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-19	69	26.78	26.74	0.038
E10	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-20	71	23.76	23.74	0.176
E11	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-20	71	23.90	23.74	0.176
E12	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-20	71	23.55	23.74	0.176
F01	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-21	73	23.47	23.33	0.123
F02	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-21	73	23.28	23.33	0.123
F03	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-21	73	23.24	23.33	0.123
F04	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-22	75	23.09	23.24	0.254
F05	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-22	75	23.11	23.24	0.254
F06	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-22	75	23.54	23.24	0.254
F07	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-23	79	24.44	24.45	0.028
F08	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-23	79	24.49	24.45	0.028
F09	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-23	79	24.44	24.45	0.028
F10	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-24	81	23.67	23.78	0.101
F11	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-24	81	23.82	23.78	0.101
F12	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-24	81	23.86	23.78	0.101
G01	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-25	89	27.08	26.81	0.250
G02	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-25	89	26.59	26.81	0.250
G03	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-25	89	26.76	26.81	0.250
G04	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	NTC-01		N/A	0.00	0.000
G05	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	NTC-01		N/A	0.00	0.000
G06	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	NTC-01		N/A	0.00	0.000

Melt Curve

Step #: 5



Melt Curve Data

Well	Fluor	Target	Content	Sample	Melt Temp
A01	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-01	12	81.50
A02	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-01	12	81.50
A03	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-01	12	81.50
A04	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-02	14	None
A05	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-02	14	81.50

Melt Curve Data

Well	Fluor	Target	Content	Sample	Melt Temp
A06	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-02	14	None
A07	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-03	15	81.50
A08	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-03	15	81.50
A09	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-03	15	81.50
A10	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-04	18	81.50
A11	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-04	18	81.50
A12	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-04	18	81.50
B01	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-05	19	81.50
B02	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-05	19	81.50
B03	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-05	19	81.50
B04	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-06	24	81.50
B05	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-06	24	81.50
B06	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-06	24	81.50
B07	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-07	25	81.50
B08	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-07	25	81.50
B09	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-07	25	81.50
B10	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-08	29	None
B11	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-08	29	81.50
B12	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-08	29	None
C01	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-09	39	81.50
C02	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-09	39	81.50
C03	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-09	39	81.50
C04	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-10	40	81.50
C05	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-10	40	81.50
C06	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-10	40	81.50
C07	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-11	43	81.50
C08	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-11	43	81.50
C09	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-11	43	81.50
C10	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-12	49	81.50

Melt Curve Data

Well	Fluor	Target	Content	Sample	Melt Temp
C11	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-12	49	81.50
C12	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-12	49	81.50
D01	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-13	53	81.50
D02	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-13	53	81.50
D03	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-13	53	81.50
D04	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-14	59	81.50
D05	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-14	59	81.50
D06	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-14	59	81.50
D07	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-15	60	81.50
D08	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-15	60	81.50
D09	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-15	60	81.50
D10	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-16	62	81.50
D11	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-16	62	81.50
D12	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-16	62	81.50
E01	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-17	63	81.50
E02	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-17	63	81.50
E03	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-17	63	81.50
E04	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-18	66	81.50
E05	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-18	66	81.50
E06	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-18	66	81.50
E07	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-19	69	81.50
E08	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-19	69	81.50
E09	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-19	69	81.50
E10	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-20	71	81.50
E11	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-20	71	81.50
E12	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-20	71	81.50
F01	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-21	73	81.50
F02	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-21	73	81.50
F03	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-21	73	81.50

Melt Curve Data

Well	Fluor	Target	Content	Sample	Melt Temp
F04	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-22	75	81.50
F05	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-22	75	81.50
F06	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-22	75	81.50
F07	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-23	79	81.50
F08	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-23	79	81.50
F09	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-23	79	81.50
F10	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-24	81	81.50
F11	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-24	81	81.50
F12	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-24	81	81.50
G01	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-25	89	81.50
G02	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-25	89	81.50
G03	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-25	89	81.50
G04	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	NTC-01		None
G05	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	NTC-01		None
G06	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	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:A4, A6, B10, B12.	False	
Standard without a Cq	N/A	True		False	

Data

Description	Value	Use	Results	Exclude Wells	All excluded wells
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	SYBR:A7, A8, A9, A10, A11, A12, B1, B2, B3, B7, B8, B9, D1, D2, D3, F4, F5, F6, G1, G2, G3.	False	