



sam_2024-12-10_15-07-24_CFX96-ATP_synthase-02.pcrd

12/12/2024 14:44

Report Information

User: BioRad/sam
Data File Name: sam_2024-12-10_15-07-24_CFX96-ATP_synthase-02.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 15:07
Run User: sam
Run Type: User-defined
Plate File: cgig-ATP_synthase-cfx-plate-02.pltd
ID:
Notes:
Sample Volume: 20
Temperature Control Mode: Calculated
Lid Temperature: 105
Base Serial Number: CC009827
Optical Head Serial Number: 785BR3659

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

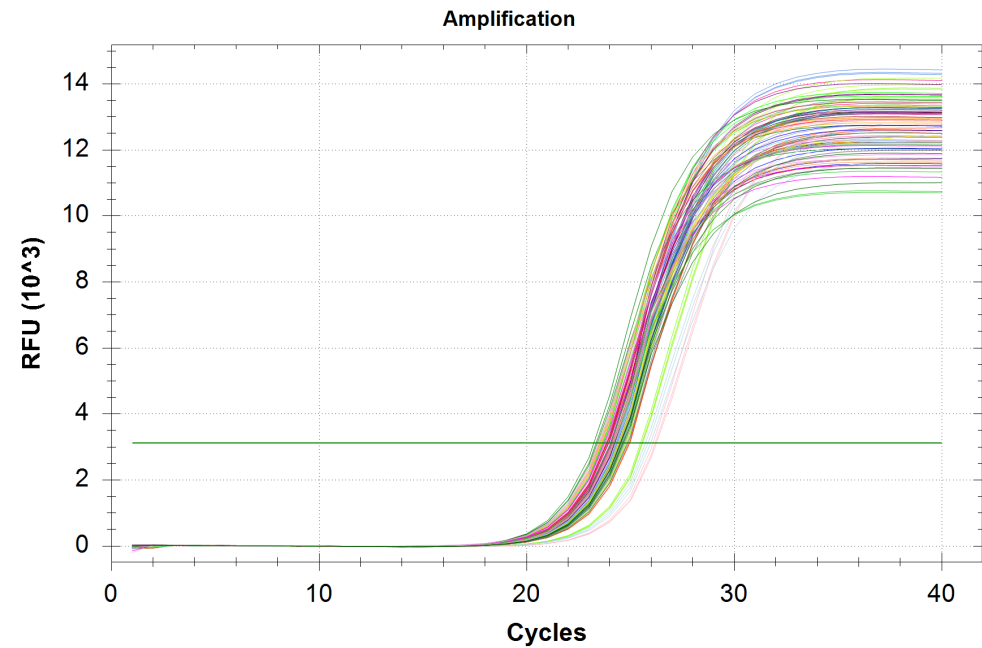
	1	2	3	4	5	6	7	8	9	10	11	12
A	Unk-1 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 270	Unk-1 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 270	Unk-1 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 270	Unk-2 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 271	Unk-2 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 271	Unk-2 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 271	Unk-3 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 272	Unk-3 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 272	Unk-3 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 272	Unk-4 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 273	Unk-4 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 273	Unk-4 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 273
B	Unk-5 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 275	Unk-5 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 275	Unk-5 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 275	Unk-6 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 276	Unk-6 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 276	Unk-6 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 276	Unk-7 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 277	Unk-7 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 277	Unk-7 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 277	Unk-8 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 279	Unk-8 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 279	Unk-8 Cg_ATPsyn thase_F/R (SR IDs: 1385/6) 279

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) 280	Unk-9 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 280	Unk-9 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 280	Unk-10 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 287	Unk-10 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 287	Unk-10 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 287	Unk-11 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 290	Unk-11 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 290	Unk-11 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 290	Unk-12 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 291	Unk-12 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 291	Unk-12 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 291
D	Unk-13 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 293	Unk-13 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 293	Unk-13 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 293	Unk-14 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 294	Unk-14 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 294	Unk-14 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 294	Unk-15 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 295	Unk-15 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 295	Unk-15 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 295	Unk-16 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 297	Unk-16 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 297	Unk-16 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 297
E	Unk-17 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 301	Unk-17 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 301	Unk-17 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 301	Unk-18 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 302	Unk-18 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 302	Unk-18 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 302	Unk-19 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 306	Unk-19 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 306	Unk-19 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 306	Unk-20 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 310	Unk-20 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 310	Unk-20 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 310
F	Unk-21 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 311	Unk-21 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 311	Unk-21 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 311	Unk-22 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 316	Unk-22 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 316	Unk-22 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 316	Unk-23 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 317	Unk-23 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 317	Unk-23 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 317	Unk-24 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 318	Unk-24 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 318	Unk-24 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 318
G	Unk-25 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 324	Unk-25 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 324	Unk-25 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 324	Unk-26 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 326	Unk-26 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 326	Unk-26 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 326	Unk-27 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 334	Unk-27 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 334	Unk-27 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 334	Unk-28 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 341	Unk-28 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 341	Unk-28 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 341
H	Unk-29 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 343	Unk-29 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 343	Unk-29 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 343	Unk-30 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 344	Unk-30 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 344	Unk-30 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 344	Unk-31 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 346	Unk-31 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 346	Unk-31 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 346	Unk-32 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 349	Unk-32 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 349	Unk-32 Cg_ATPSyn thase_F/R (SR IDs: 1385/6) 349

Quantification

Step #: 3
Analysis Mode: Fluorophore
Cq Determination: Single Threshold
Baseline Method:
SYBR: Auto Calculated
Threshold Setting:
SYBR: 3119.61, 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	270	24.76	24.67	0.086
A02	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-01	270	24.66	24.67	0.086
A03	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-01	270	24.59	24.67	0.086
A04	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-02	271	24.49	24.49	0.027
A05	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-02	271	24.46	24.49	0.027
A06	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-02	271	24.52	24.49	0.027
A07	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-03	272	24.96	24.95	0.014
A08	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-03	272	24.96	24.95	0.014
A09	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-03	272	24.94	24.95	0.014
A10	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-04	273	24.03	24.13	0.086
A11	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-04	273	24.18	24.13	0.086
A12	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-04	273	24.19	24.13	0.086
B01	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-05	275	24.24	24.19	0.077
B02	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-05	275	24.22	24.19	0.077
B03	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-05	275	24.10	24.19	0.077
B04	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-06	276	24.29	24.31	0.019
B05	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-06	276	24.30	24.31	0.019
B06	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-06	276	24.33	24.31	0.019
B07	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-07	277	24.73	24.77	0.037
B08	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-07	277	24.78	24.77	0.037
B09	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-07	277	24.80	24.77	0.037
B10	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-08	279	24.43	24.47	0.056
B11	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-08	279	24.44	24.47	0.056
B12	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-08	279	24.53	24.47	0.056
C01	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-09	280	24.65	24.60	0.050
C02	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-09	280	24.60	24.60	0.050
C03	SYBR	Cg_ATPsynthase_F/R (SR IDs: 1385/6)	Unkn-09	280	24.55	24.60	0.050

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	287	25.48	25.53	0.051
C05	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-10	287	25.55	25.53	0.051
C06	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-10	287	25.58	25.53	0.051
C07	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-11	290	24.24	24.21	0.047
C08	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-11	290	24.24	24.21	0.047
C09	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-11	290	24.16	24.21	0.047
C10	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-12	291	24.70	24.81	0.095
C11	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-12	291	24.84	24.81	0.095
C12	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-12	291	24.88	24.81	0.095
D01	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-13	293	26.25	26.17	0.083
D02	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-13	293	26.19	26.17	0.083
D03	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-13	293	26.08	26.17	0.083
D04	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-14	294	23.73	23.68	0.043
D05	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-14	294	23.65	23.68	0.043
D06	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-14	294	23.67	23.68	0.043
D07	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-15	295	24.06	24.02	0.074
D08	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-15	295	24.07	24.02	0.074
D09	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-15	295	23.94	24.02	0.074
D10	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-16	297	23.24	23.33	0.084
D11	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-16	297	23.34	23.33	0.084
D12	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-16	297	23.40	23.33	0.084
E01	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-17	301	24.51	24.41	0.084
E02	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-17	301	24.36	24.41	0.084
E03	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-17	301	24.37	24.41	0.084
E04	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-18	302	23.81	23.79	0.053
E05	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-18	302	23.83	23.79	0.053
E06	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-18	302	23.73	23.79	0.053
E07	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-19	306	23.88	23.89	0.045

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	306	23.93	23.89	0.045
E09	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-19	306	23.84	23.89	0.045
E10	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-20	310	23.87	23.96	0.098
E11	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-20	310	23.96	23.96	0.098
E12	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-20	310	24.06	23.96	0.098
F01	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-21	311	25.97	25.84	0.126
F02	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-21	311	25.84	25.84	0.126
F03	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-21	311	25.72	25.84	0.126
F04	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-22	316	24.51	24.44	0.056
F05	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-22	316	24.41	24.44	0.056
F06	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-22	316	24.42	24.44	0.056
F07	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-23	317	23.57	23.56	0.057
F08	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-23	317	23.61	23.56	0.057
F09	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-23	317	23.50	23.56	0.057
F10	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-24	318	23.54	23.65	0.099
F11	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-24	318	23.70	23.65	0.099
F12	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-24	318	23.71	23.65	0.099
G01	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-25	324	23.95	23.81	0.124
G02	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-25	324	23.77	23.81	0.124
G03	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-25	324	23.72	23.81	0.124
G04	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-26	326	24.46	24.42	0.030
G05	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-26	326	24.40	24.42	0.030
G06	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-26	326	24.40	24.42	0.030
G07	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-27	334	24.36	24.28	0.084
G08	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-27	334	24.29	24.28	0.084
G09	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-27	334	24.19	24.28	0.084
G10	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-28	341	24.14	24.14	0.067
G11	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-28	341	24.07	24.14	0.067

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
G12	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-28	341	24.20	24.14	0.067
H01	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-29	343	24.21	24.14	0.093
H02	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-29	343	24.19	24.14	0.093
H03	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-29	343	24.04	24.14	0.093
H04	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-30	344	24.20	24.18	0.022
H05	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-30	344	24.18	24.18	0.022
H06	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-30	344	24.15	24.18	0.022
H07	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-31	346	24.18	23.73	0.393
H08	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-31	346	23.55	23.73	0.393
H09	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-31	346	23.46	23.73	0.393
H10	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-32	349	24.51	24.56	0.069
H11	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-32	349	24.64	24.56	0.069
H12	SYBR	Cg_ATPSynthase_F/R (SR IDs: 1385/6)	Unkn-32	349	24.53	24.56	0.069

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		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	0.50	True		False	