



sam_2025-06-03_17-52-59_CFX96-citrate_synthase.pcrd

Report Information

User: BioRad/sam
Data File Name: sam_2025-06-03_17-52-59_CFX96-citrate_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 17:53
Run User: sam
Run Type: User-defined
Plate File: cgig-02-citrate_synthase-cfx-plate.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

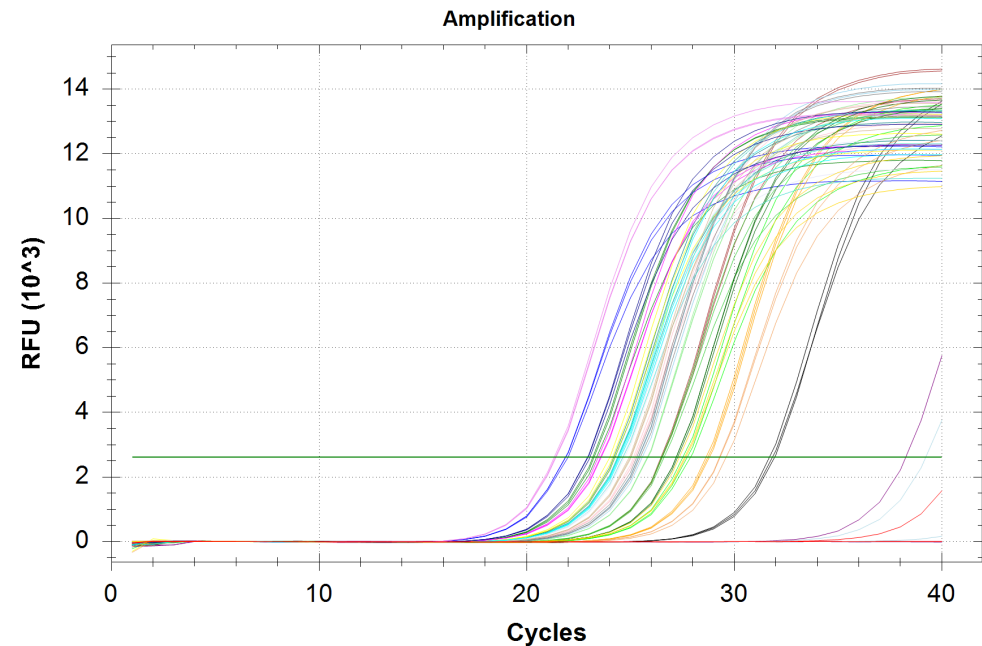
	1	2	3	4	5	6	7	8	9	10	11	12
A	Unk-1 Cg_citrate_synthase (SR IDs: 1383/4) 12	Unk-1 Cg_citrate_synthase (SR IDs: 1383/4) 12	Unk-1 Cg_citrate_synthase (SR IDs: 1383/4) 12	Unk-2 Cg_citrate_synthase (SR IDs: 1383/4) 14	Unk-2 Cg_citrate_synthase (SR IDs: 1383/4) 14	Unk-2 Cg_citrate_synthase (SR IDs: 1383/4) 14	Unk-3 Cg_citrate_synthase (SR IDs: 1383/4) 15	Unk-3 Cg_citrate_synthase (SR IDs: 1383/4) 15	Unk-3 Cg_citrate_synthase (SR IDs: 1383/4) 15	Unk-4 Cg_citrate_synthase (SR IDs: 1383/4) 18	Unk-4 Cg_citrate_synthase (SR IDs: 1383/4) 18	Unk-4 Cg_citrate_synthase (SR IDs: 1383/4) 18
B	Unk-5 Cg_citrate_synthase (SR IDs: 1383/4) 19	Unk-5 Cg_citrate_synthase (SR IDs: 1383/4) 19	Unk-5 Cg_citrate_synthase (SR IDs: 1383/4) 19	Unk-6 Cg_citrate_synthase (SR IDs: 1383/4) 24	Unk-6 Cg_citrate_synthase (SR IDs: 1383/4) 24	Unk-6 Cg_citrate_synthase (SR IDs: 1383/4) 24	Unk-7 Cg_citrate_synthase (SR IDs: 1383/4) 25	Unk-7 Cg_citrate_synthase (SR IDs: 1383/4) 25	Unk-7 Cg_citrate_synthase (SR IDs: 1383/4) 25	Unk-8 Cg_citrate_synthase (SR IDs: 1383/4) 29	Unk-8 Cg_citrate_synthase (SR IDs: 1383/4) 29	Unk-8 Cg_citrate_synthase (SR IDs: 1383/4) 29

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
C	Unk-9 Cg_citrate_synthase (SR IDs: 1383/4) 39	Unk-9 Cg_citrate_synthase (SR IDs: 1383/4) 39	Unk-9 Cg_citrate_synthase (SR IDs: 1383/4) 39	Unk-10 Cg_citrate_synthase (SR IDs: 1383/4) 40	Unk-10 Cg_citrate_synthase (SR IDs: 1383/4) 40	Unk-10 Cg_citrate_synthase (SR IDs: 1383/4) 40	Unk-11 Cg_citrate_synthase (SR IDs: 1383/4) 43	Unk-11 Cg_citrate_synthase (SR IDs: 1383/4) 43	Unk-11 Cg_citrate_synthase (SR IDs: 1383/4) 43	Unk-12 Cg_citrate_synthase (SR IDs: 1383/4) 49	Unk-12 Cg_citrate_synthase (SR IDs: 1383/4) 49	Unk-12 Cg_citrate_synthase (SR IDs: 1383/4) 49
D	Unk-13 Cg_citrate_synthase (SR IDs: 1383/4) 53	Unk-13 Cg_citrate_synthase (SR IDs: 1383/4) 53	Unk-13 Cg_citrate_synthase (SR IDs: 1383/4) 53	Unk-14 Cg_citrate_synthase (SR IDs: 1383/4) 59	Unk-14 Cg_citrate_synthase (SR IDs: 1383/4) 59	Unk-14 Cg_citrate_synthase (SR IDs: 1383/4) 59	Unk-15 Cg_citrate_synthase (SR IDs: 1383/4) 60	Unk-15 Cg_citrate_synthase (SR IDs: 1383/4) 60	Unk-15 Cg_citrate_synthase (SR IDs: 1383/4) 60	Unk-16 Cg_citrate_synthase (SR IDs: 1383/4) 62	Unk-16 Cg_citrate_synthase (SR IDs: 1383/4) 62	Unk-16 Cg_citrate_synthase (SR IDs: 1383/4) 62
E	Unk-17 Cg_citrate_synthase (SR IDs: 1383/4) 63	Unk-17 Cg_citrate_synthase (SR IDs: 1383/4) 63	Unk-17 Cg_citrate_synthase (SR IDs: 1383/4) 63	Unk-18 Cg_citrate_synthase (SR IDs: 1383/4) 66	Unk-18 Cg_citrate_synthase (SR IDs: 1383/4) 66	Unk-18 Cg_citrate_synthase (SR IDs: 1383/4) 66	Unk-19 Cg_citrate_synthase (SR IDs: 1383/4) 69	Unk-19 Cg_citrate_synthase (SR IDs: 1383/4) 69	Unk-19 Cg_citrate_synthase (SR IDs: 1383/4) 69	Unk-20 Cg_citrate_synthase (SR IDs: 1383/4) 71	Unk-20 Cg_citrate_synthase (SR IDs: 1383/4) 71	Unk-20 Cg_citrate_synthase (SR IDs: 1383/4) 71
F	Unk-21 Cg_citrate_synthase (SR IDs: 1383/4) 73	Unk-21 Cg_citrate_synthase (SR IDs: 1383/4) 73	Unk-21 Cg_citrate_synthase (SR IDs: 1383/4) 73	Unk-22 Cg_citrate_synthase (SR IDs: 1383/4) 75	Unk-22 Cg_citrate_synthase (SR IDs: 1383/4) 75	Unk-22 Cg_citrate_synthase (SR IDs: 1383/4) 75	Unk-23 Cg_citrate_synthase (SR IDs: 1383/4) 79	Unk-23 Cg_citrate_synthase (SR IDs: 1383/4) 79	Unk-23 Cg_citrate_synthase (SR IDs: 1383/4) 79	Unk-24 Cg_citrate_synthase (SR IDs: 1383/4) 81	Unk-24 Cg_citrate_synthase (SR IDs: 1383/4) 81	Unk-24 Cg_citrate_synthase (SR IDs: 1383/4) 81
G	Unk-25 Cg_citrate_synthase (SR IDs: 1383/4) 89	Unk-25 Cg_citrate_synthase (SR IDs: 1383/4) 89	Unk-25 Cg_citrate_synthase (SR IDs: 1383/4) 89	NTC-1 Cg_citrate_synthase (SR IDs: 1383/4) NTC	NTC-1 Cg_citrate_synthase (SR IDs: 1383/4) NTC	NTC-1 Cg_citrate_synthase (SR IDs: 1383/4) NTC						
H												

Quantification

Step #: 3
Analysis Mode: Fluorophore
Cq Determination: Single Threshold
Baseline Method:
SYBR: Auto Calculated
Threshold Setting:
SYBR: 2611.34, Auto Calculated



Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A01	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-01	12	27.89	27.71	0.186
A02	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-01	12	27.73	27.71	0.186
A03	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-01	12	27.52	27.71	0.186
A04	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-02	14	N/A	0.00	0.000
A05	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-02	14	38.26	38.26	0.000
A06	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-02	14	N/A	0.00	0.000
A07	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-03	15	23.18	23.26	0.091
A08	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-03	15	23.24	23.26	0.091
A09	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-03	15	23.36	23.26	0.091
A10	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-04	18	21.86	21.91	0.071
A11	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-04	18	21.88	21.91	0.071
A12	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-04	18	21.99	21.91	0.071
B01	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-05	19	25.22	25.20	0.046
B02	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-05	19	25.23	25.20	0.046
B03	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-05	19	25.14	25.20	0.046
B04	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-06	24	26.53	26.50	0.032
B05	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-06	24	26.47	26.50	0.032
B06	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-06	24	26.51	26.50	0.032
B07	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-07	25	31.94	31.82	0.126
B08	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-07	25	31.69	31.82	0.126
B09	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-07	25	31.84	31.82	0.126
B10	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-08	29	N/A	0.00	0.000
B11	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-08	29	39.22	39.22	0.000
B12	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-08	29	N/A	0.00	0.000
C01	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-09	39	24.38	24.28	0.097
C02	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-09	39	24.26	24.28	0.097
C03	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-09	39	24.19	24.28	0.097

Quantification Data

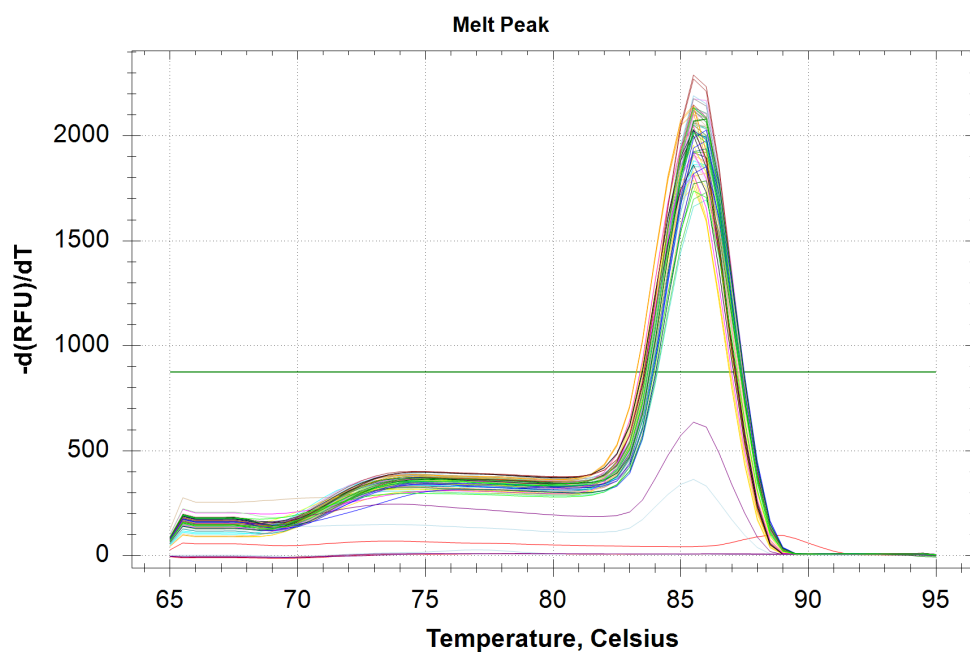
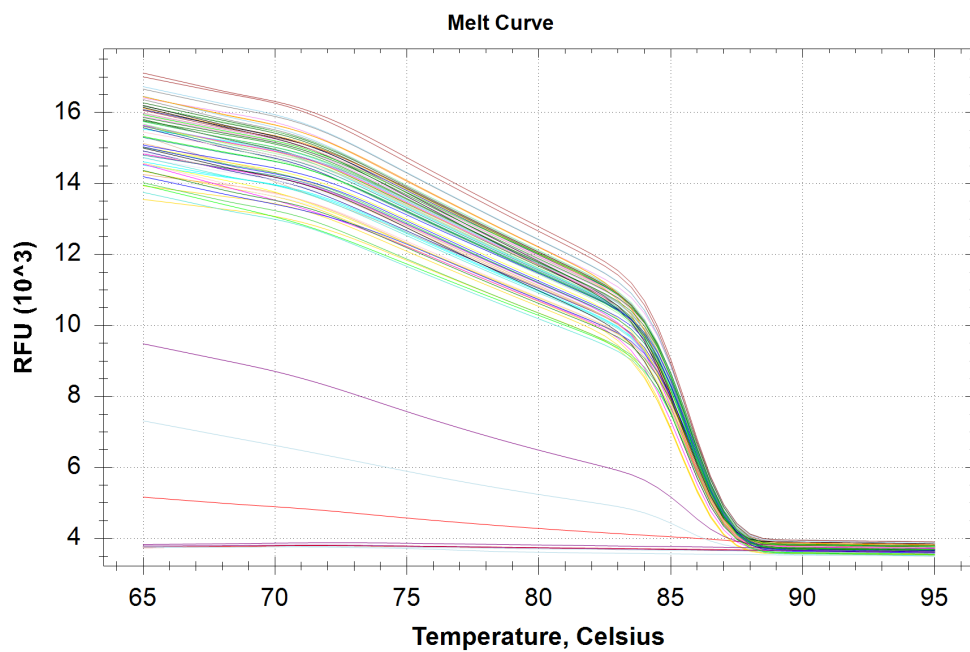
Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
C04	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-10	40	28.80	28.72	0.080
C05	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-10	40	28.64	28.72	0.080
C06	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-10	40	28.73	28.72	0.080
C07	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-11	43	25.84	25.83	0.017
C08	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-11	43	25.81	25.83	0.017
C09	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-11	43	25.82	25.83	0.017
C10	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-12	49	23.45	23.53	0.074
C11	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-12	49	23.55	23.53	0.074
C12	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-12	49	23.59	23.53	0.074
D01	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-13	53	24.24	24.13	0.117
D02	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-13	53	24.14	24.13	0.117
D03	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-13	53	24.00	24.13	0.117
D04	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-14	59	25.57	25.45	0.104
D05	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-14	59	25.38	25.45	0.104
D06	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-14	59	25.40	25.45	0.104
D07	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-15	60	25.38	25.38	0.087
D08	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-15	60	25.30	25.38	0.087
D09	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-15	60	25.47	25.38	0.087
D10	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-16	62	26.50	26.55	0.061
D11	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-16	62	26.53	26.55	0.061
D12	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-16	62	26.62	26.55	0.061
E01	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-17	63	29.60	29.40	0.176
E02	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-17	63	29.31	29.40	0.176
E03	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-17	63	29.29	29.40	0.176
E04	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-18	66	21.38	21.37	0.044
E05	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-18	66	21.41	21.37	0.044
E06	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-18	66	21.32	21.37	0.044
E07	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-19	69	27.20	27.22	0.038

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
E08	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-19	69	27.27	27.22	0.038
E09	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-19	69	27.20	27.22	0.038
E10	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-20	71	24.38	24.48	0.140
E11	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-20	71	24.42	24.48	0.140
E12	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-20	71	24.64	24.48	0.140
F01	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-21	73	24.70	24.60	0.099
F02	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-21	73	24.60	24.60	0.099
F03	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-21	73	24.51	24.60	0.099
F04	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-22	75	23.04	22.97	0.061
F05	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-22	75	22.93	22.97	0.061
F06	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-22	75	22.95	22.97	0.061
F07	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-23	79	24.94	24.99	0.046
F08	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-23	79	25.03	24.99	0.046
F09	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-23	79	25.00	24.99	0.046
F10	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-24	81	24.42	24.47	0.050
F11	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-24	81	24.46	24.47	0.050
F12	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-24	81	24.52	24.47	0.050
G01	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-25	89	27.66	27.54	0.164
G02	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-25	89	27.61	27.54	0.164
G03	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-25	89	27.35	27.54	0.164
G04	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	NTC-01	NTC	N/A	0.00	0.000
G05	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	NTC-01	NTC	N/A	0.00	0.000
G06	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	NTC-01	NTC	N/A	0.00	0.000

Melt Curve

Step #: 5



Melt Curve Data

Well	Fluor	Target	Content	Sample	Melt Temp
A01	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-01	12	85.50
A02	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-01	12	85.50
A03	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-01	12	85.50
A04	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-02	14	None
A05	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-02	14	None

Melt Curve Data

Well	Fluor	Target	Content	Sample	Melt Temp
A06	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-02	14	None
A07	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-03	15	86.00
A08	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-03	15	86.00
A09	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-03	15	86.00
A10	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-04	18	86.00
A11	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-04	18	86.00
A12	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-04	18	86.00
B01	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-05	19	85.50
B02	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-05	19	85.50
B03	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-05	19	85.50
B04	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-06	24	85.50
B05	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-06	24	85.50
B06	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-06	24	85.50
B07	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-07	25	85.50
B08	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-07	25	85.50
B09	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-07	25	85.50
B10	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-08	29	None
B11	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-08	29	None
B12	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-08	29	None
C01	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-09	39	86.00
C02	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-09	39	85.50
C03	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-09	39	85.50
C04	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-10	40	85.50
C05	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-10	40	85.50
C06	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-10	40	85.50
C07	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-11	43	85.50
C08	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-11	43	85.50
C09	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-11	43	85.50
C10	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-12	49	85.50

Melt Curve Data

Well	Fluor	Target	Content	Sample	Melt Temp
C11	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-12	49	85.50
C12	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-12	49	85.50
D01	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-13	53	85.50
D02	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-13	53	85.50
D03	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-13	53	85.50
D04	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-14	59	85.50
D05	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-14	59	85.50
D06	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-14	59	85.50
D07	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-15	60	85.50
D08	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-15	60	85.50
D09	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-15	60	85.50
D10	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-16	62	85.50
D11	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-16	62	86.00
D12	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-16	62	86.00
E01	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-17	63	86.00
E02	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-17	63	85.50
E03	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-17	63	85.50
E04	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-18	66	85.50
E05	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-18	66	85.50
E06	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-18	66	85.50
E07	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-19	69	85.50
E08	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-19	69	85.50
E09	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-19	69	85.50
E10	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-20	71	85.50
E11	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-20	71	86.00
E12	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-20	71	86.00
F01	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-21	73	85.50
F02	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-21	73	85.50
F03	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-21	73	85.50

Melt Curve Data

Well	Fluor	Target	Content	Sample	Melt Temp
F04	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-22	75	85.50
F05	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-22	75	85.50
F06	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-22	75	85.50
F07	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-23	79	85.50
F08	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-23	79	85.50
F09	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-23	79	85.50
F10	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-24	81	85.50
F11	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-24	81	85.50
F12	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-24	81	85.50
G01	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-25	89	85.50
G02	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-25	89	85.50
G03	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	Unkn-25	89	85.50
G04	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	NTC-01	NTC	None
G05	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	NTC-01	NTC	None
G06	SYBR	Cg_citrate_synthase (SR IDs: 1383/4)	NTC-01	NTC	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		False	