sam_2024-12-11_08-34-08_Connect-DNMT1-02.pcrd

12/12/2024 22:21

Report Information

User: BioRad/sam
Data File Name: sam_2024-12-11_08-34-08_Connect-DNMT1-02.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: 12/11/2024 08:34
Run User: sam
Run Type: User-defined
Plate File: cgig-DNMT1-cfx-plate-02.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

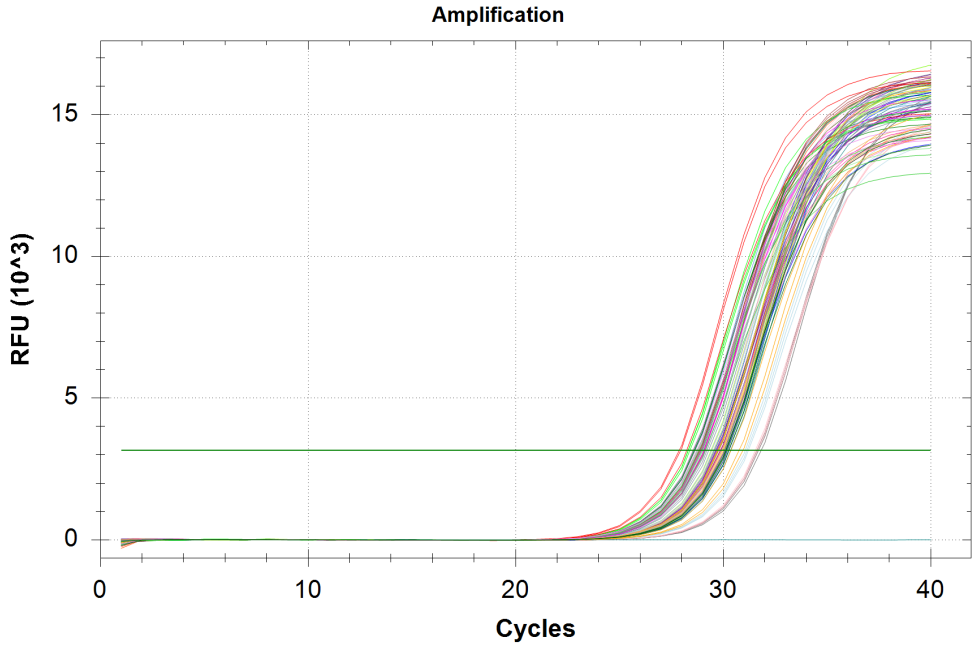
	1	2	3	4	5	6	7	8	9	10	11	12
A	Unk-1 Cg_DNMT1_F (SR IDs: 1510/1) 270	Unk-1 Cg_DNMT1_F (SR IDs: 1510/1) 270	Unk-1 Cg_DNMT1_F (SR IDs: 1510/1) 270	Unk-2 Cg_DNMT1_F (SR IDs: 1510/1) 271	Unk-2 Cg_DNMT1_F (SR IDs: 1510/1) 271	Unk-2 Cg_DNMT1_F (SR IDs: 1510/1) 271	Unk-3 Cg_DNMT1_F (SR IDs: 1510/1) 272	Unk-3 Cg_DNMT1_F (SR IDs: 1510/1) 272	Unk-3 Cg_DNMT1_F (SR IDs: 1510/1) 272	Unk-4 Cg_DNMT1_F (SR IDs: 1510/1) 273	Unk-4 Cg_DNMT1_F (SR IDs: 1510/1) 273	Unk-4 Cg_DNMT1_F (SR IDs: 1510/1) 273
B	Unk-5 Cg_DNMT1_F (SR IDs: 1510/1) 275	Unk-5 Cg_DNMT1_F (SR IDs: 1510/1) 275	Unk-5 Cg_DNMT1_F (SR IDs: 1510/1) 275	Unk-6 Cg_DNMT1_F (SR IDs: 1510/1) 276	Unk-6 Cg_DNMT1_F (SR IDs: 1510/1) 276	Unk-6 Cg_DNMT1_F (SR IDs: 1510/1) 276	Unk-7 Cg_DNMT1_F (SR IDs: 1510/1) 277	Unk-7 Cg_DNMT1_F (SR IDs: 1510/1) 277	Unk-7 Cg_DNMT1_F (SR IDs: 1510/1) 277	Unk-8 Cg_DNMT1_F (SR IDs: 1510/1) 279	Unk-8 Cg_DNMT1_F (SR IDs: 1510/1) 279	Unk-8 Cg_DNMT1_F (SR IDs: 1510/1) 279

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
C	Unk-9 Cg_DNMT1 _F (SR IDs: 1510/1) 280	Unk-9 Cg_DNMT1 _F (SR IDs: 1510/1) 280	Unk-9 Cg_DNMT1 _F (SR IDs: 1510/1) 280	Unk-10 Cg_DNMT1 _F (SR IDs: 1510/1) 287	Unk-10 Cg_DNMT1 _F (SR IDs: 1510/1) 287	Unk-10 Cg_DNMT1 _F (SR IDs: 1510/1) 287	Unk-11 Cg_DNMT1 _F (SR IDs: 1510/1) 290	Unk-11 Cg_DNMT1 _F (SR IDs: 1510/1) 290	Unk-11 Cg_DNMT1 _F (SR IDs: 1510/1) 290	Unk-12 Cg_DNMT1 _F (SR IDs: 1510/1) 291	Unk-12 Cg_DNMT1 _F (SR IDs: 1510/1) 291	Unk-12 Cg_DNMT1 _F (SR IDs: 1510/1) 291
D	Unk-13 Cg_DNMT1 _F (SR IDs: 1510/1) 293	Unk-13 Cg_DNMT1 _F (SR IDs: 1510/1) 293	Unk-13 Cg_DNMT1 _F (SR IDs: 1510/1) 293	Unk-14 Cg_DNMT1 _F (SR IDs: 1510/1) 294	Unk-14 Cg_DNMT1 _F (SR IDs: 1510/1) 294	Unk-14 Cg_DNMT1 _F (SR IDs: 1510/1) 294	Unk-15 Cg_DNMT1 _F (SR IDs: 1510/1) 295	Unk-15 Cg_DNMT1 _F (SR IDs: 1510/1) 295	Unk-15 Cg_DNMT1 _F (SR IDs: 1510/1) 295	Unk-16 Cg_DNMT1 _F (SR IDs: 1510/1) 297	Unk-16 Cg_DNMT1 _F (SR IDs: 1510/1) 297	Unk-16 Cg_DNMT1 _F (SR IDs: 1510/1) 297
E	Unk-17 Cg_DNMT1 _F (SR IDs: 1510/1) 301	Unk-17 Cg_DNMT1 _F (SR IDs: 1510/1) 301	Unk-17 Cg_DNMT1 _F (SR IDs: 1510/1) 301	Unk-18 Cg_DNMT1 _F (SR IDs: 1510/1) 302	Unk-18 Cg_DNMT1 _F (SR IDs: 1510/1) 302	Unk-18 Cg_DNMT1 _F (SR IDs: 1510/1) 302	Unk-19 Cg_DNMT1 _F (SR IDs: 1510/1) 306	Unk-19 Cg_DNMT1 _F (SR IDs: 1510/1) 306	Unk-19 Cg_DNMT1 _F (SR IDs: 1510/1) 306	Unk-20 Cg_DNMT1 _F (SR IDs: 1510/1) 310	Unk-20 Cg_DNMT1 _F (SR IDs: 1510/1) 310	Unk-20 Cg_DNMT1 _F (SR IDs: 1510/1) 310
F	Unk-21 Cg_DNMT1 _F (SR IDs: 1510/1) 311	Unk-21 Cg_DNMT1 _F (SR IDs: 1510/1) 311	Unk-21 Cg_DNMT1 _F (SR IDs: 1510/1) 311	Unk-22 Cg_DNMT1 _F (SR IDs: 1510/1) 316	Unk-22 Cg_DNMT1 _F (SR IDs: 1510/1) 316	Unk-22 Cg_DNMT1 _F (SR IDs: 1510/1) 316	Unk-23 Cg_DNMT1 _F (SR IDs: 1510/1) 317	Unk-23 Cg_DNMT1 _F (SR IDs: 1510/1) 317	Unk-23 Cg_DNMT1 _F (SR IDs: 1510/1) 317	Unk-24 Cg_DNMT1 _F (SR IDs: 1510/1) 318	Unk-24 Cg_DNMT1 _F (SR IDs: 1510/1) 318	Unk-24 Cg_DNMT1 _F (SR IDs: 1510/1) 318
G	Unk-25 Cg_DNMT1 _F (SR IDs: 1510/1) 324	Unk-25 Cg_DNMT1 _F (SR IDs: 1510/1) 324	Unk-25 Cg_DNMT1 _F (SR IDs: 1510/1) 324	Unk-26 Cg_DNMT1 _F (SR IDs: 1510/1) 326	Unk-26 Cg_DNMT1 _F (SR IDs: 1510/1) 326	Unk-26 Cg_DNMT1 _F (SR IDs: 1510/1) 326	Unk-27 Cg_DNMT1 _F (SR IDs: 1510/1) 334	Unk-27 Cg_DNMT1 _F (SR IDs: 1510/1) 334	Unk-27 Cg_DNMT1 _F (SR IDs: 1510/1) 334	Unk-28 Cg_DNMT1 _F (SR IDs: 1510/1) 341	Unk-28 Cg_DNMT1 _F (SR IDs: 1510/1) 341	Unk-28 Cg_DNMT1 _F (SR IDs: 1510/1) 341
H	Unk-29 Cg_DNMT1 _F (SR IDs: 1510/1) 343	Unk-29 Cg_DNMT1 _F (SR IDs: 1510/1) 343	Unk-29 Cg_DNMT1 _F (SR IDs: 1510/1) 343	Unk-30 Cg_DNMT1 _F (SR IDs: 1510/1) 344	Unk-30 Cg_DNMT1 _F (SR IDs: 1510/1) 344	Unk-30 Cg_DNMT1 _F (SR IDs: 1510/1) 344	Unk-31 Cg_DNMT1 _F (SR IDs: 1510/1) 346	Unk-31 Cg_DNMT1 _F (SR IDs: 1510/1) 346	Unk-31 Cg_DNMT1 _F (SR IDs: 1510/1) 346	Unk-32 Cg_DNMT1 _F (SR IDs: 1510/1) 349	Unk-32 Cg_DNMT1 _F (SR IDs: 1510/1) 349	Unk-32 Cg_DNMT1 _F (SR IDs: 1510/1) 349

Quantification

Step #: 3
Analysis Mode: Fluorophore
Cq Determination: Single Threshold
Baseline Method:
SYBR: Auto Calculated
Threshold Setting:
SYBR: 3164.53, Auto Calculated



Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A01	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-01	270	30.07	30.11	0.057
A02	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-01	270	30.17	30.11	0.057
A03	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-01	270	30.08	30.11	0.057
A04	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-02	271	29.96	30.01	0.045
A05	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-02	271	30.01	30.01	0.045
A06	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-02	271	30.05	30.01	0.045
A07	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-03	272	29.09	29.03	0.083
A08	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-03	272	29.06	29.03	0.083
A09	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-03	272	28.93	29.03	0.083
A10	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-04	273	29.69	29.64	0.058
A11	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-04	273	29.58	29.64	0.058
A12	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-04	273	29.65	29.64	0.058
B01	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-05	275	29.70	29.81	0.094
B02	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-05	275	29.86	29.81	0.094
B03	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-05	275	29.87	29.81	0.094
B04	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-06	276	28.80	28.68	0.104
B05	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-06	276	28.60	28.68	0.104
B06	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-06	276	28.65	28.68	0.104
B07	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-07	277	29.41	29.49	0.072

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
B08	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-07	277	29.54	29.49	0.072
B09	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-07	277	29.53	29.49	0.072
B10	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-08	279	29.15	29.22	0.074
B11	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-08	279	29.22	29.22	0.074
B12	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-08	279	29.30	29.22	0.074
C01	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-09	280	29.06	29.01	0.051
C02	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-09	280	29.01	29.01	0.051
C03	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-09	280	28.96	29.01	0.051
C04	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-10	287	30.13	30.17	0.044
C05	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-10	287	30.22	30.17	0.044
C06	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-10	287	30.15	30.17	0.044
C07	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-11	290	29.75	29.77	0.017
C08	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-11	290	29.77	29.77	0.017
C09	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-11	290	29.79	29.77	0.017
C10	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-12	291	31.83	31.72	0.106
C11	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-12	291	31.70	31.72	0.106
C12	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-12	291	31.62	31.72	0.106
D01	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-13	293	31.61	31.61	0.058
D02	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-13	293	31.55	31.61	0.058
D03	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-13	293	31.66	31.61	0.058

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
D04	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-14	294	28.39	28.34	0.046
D05	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-14	294	28.31	28.34	0.046
D06	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-14	294	28.32	28.34	0.046
D07	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-15	295	29.74	29.79	0.076
D08	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-15	295	29.75	29.79	0.076
D09	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-15	295	29.87	29.79	0.076
D10	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-16	297	28.62	28.60	0.033
D11	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-16	297	28.62	28.60	0.033
D12	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-16	297	28.56	28.60	0.033
E01	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-17	301	30.12	30.20	0.076
E02	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-17	301	30.20	30.20	0.076
E03	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-17	301	30.28	30.20	0.076
E04	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-18	302	29.45	29.49	0.056
E05	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-18	302	29.55	29.49	0.056
E06	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-18	302	29.46	29.49	0.056
E07	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-19	306	28.87	28.87	0.035
E08	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-19	306	28.91	28.87	0.035
E09	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-19	306	28.84	28.87	0.035
E10	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-20	310	27.88	28.03	0.188
E11	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-20	310	27.96	28.03	0.188

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
E12	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-20	310	28.24	28.03	0.188
F01	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-21	311	31.21	31.14	0.074
F02	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-21	311	31.06	31.14	0.074
F03	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-21	311	31.14	31.14	0.074
F04	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-22	316	30.36	30.31	0.062
F05	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-22	316	30.27	30.31	0.062
F06	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-22	316	N/A	0.00	0.000
F07	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-23	317	30.37	30.69	0.295
F08	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-23	317	30.95	30.69	0.295
F09	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-23	317	30.76	30.69	0.295
F10	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-24	318	28.79	28.91	0.118
F11	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-24	318	28.93	28.91	0.118
F12	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-24	318	29.02	28.91	0.118
G01	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-25	324	29.06	29.03	0.089
G02	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-25	324	28.93	29.03	0.089
G03	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-25	324	29.10	29.03	0.089
G04	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-26	326	29.78	29.84	0.147
G05	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-26	326	29.73	29.84	0.147
G06	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-26	326	30.01	29.84	0.147
G07	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-27	334	29.92	29.64	0.249

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
G08	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-27	334	29.44	29.64	0.249
G09	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-27	334	29.55	29.64	0.249
G10	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-28	341	30.08	30.06	0.013
G11	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-28	341	30.05	30.06	0.013
G12	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-28	341	30.06	30.06	0.013
H01	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-29	343	28.87	28.91	0.196
H02	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-29	343	28.74	28.91	0.196
H03	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-29	343	29.13	28.91	0.196
H04	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-30	344	29.62	29.83	0.183
H05	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-30	344	29.91	29.83	0.183
H06	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-30	344	29.95	29.83	0.183
H07	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-31	346	28.75	28.65	0.107
H08	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-31	346	28.66	28.65	0.107
H09	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-31	346	28.54	28.65	0.107
H10	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-32	349	30.27	30.18	0.080
H11	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-32	349	30.11	30.18	0.080
H12	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-32	349	30.15	30.18	0.080

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:F6.	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	