sam_2024-12-11_08-01-43_CFX96-DNMT1-01.pcrd

12/12/2024 22:20

Report Information

User: BioRad/sam
Data File Name: sam_2024-12-11_08-01-43_CFX96-DNMT1-01.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 08:01
Run User: sam
Run Type: User-defined
Plate File: cgig-DNMT1-cfx-plate-01.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

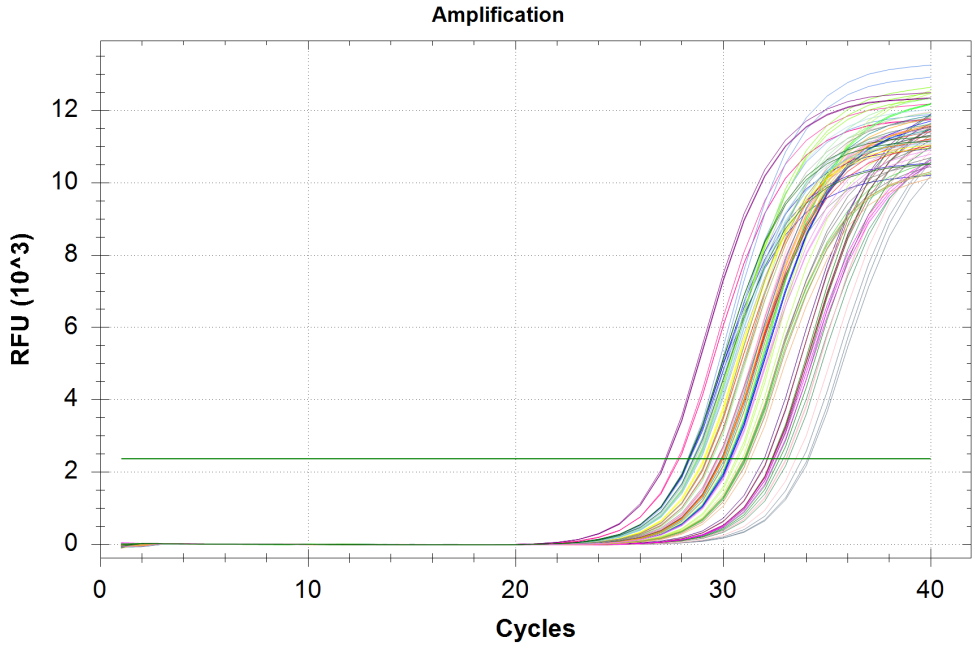
	1	2	3	4	5	6	7	8	9	10	11	12
A	Unk-1 Cg_DNMT1_F (SR IDs: 1510/1) 201	Unk-1 Cg_DNMT1_F (SR IDs: 1510/1) 201	Unk-1 Cg_DNMT1_F (SR IDs: 1510/1) 201	Unk-2 Cg_DNMT1_F (SR IDs: 1510/1) 202	Unk-2 Cg_DNMT1_F (SR IDs: 1510/1) 202	Unk-2 Cg_DNMT1_F (SR IDs: 1510/1) 202	Unk-3 Cg_DNMT1_F (SR IDs: 1510/1) 203	Unk-3 Cg_DNMT1_F (SR IDs: 1510/1) 203	Unk-3 Cg_DNMT1_F (SR IDs: 1510/1) 203	Unk-4 Cg_DNMT1_F (SR IDs: 1510/1) 204	Unk-4 Cg_DNMT1_F (SR IDs: 1510/1) 204	Unk-4 Cg_DNMT1_F (SR IDs: 1510/1) 204
B	Unk-5 Cg_DNMT1_F (SR IDs: 1510/1) 205	Unk-5 Cg_DNMT1_F (SR IDs: 1510/1) 205	Unk-5 Cg_DNMT1_F (SR IDs: 1510/1) 205	Unk-6 Cg_DNMT1_F (SR IDs: 1510/1) 207	Unk-6 Cg_DNMT1_F (SR IDs: 1510/1) 207	Unk-6 Cg_DNMT1_F (SR IDs: 1510/1) 207	Unk-7 Cg_DNMT1_F (SR IDs: 1510/1) 208	Unk-7 Cg_DNMT1_F (SR IDs: 1510/1) 208	Unk-7 Cg_DNMT1_F (SR IDs: 1510/1) 208	Unk-8 Cg_DNMT1_F (SR IDs: 1510/1) 209	Unk-8 Cg_DNMT1_F (SR IDs: 1510/1) 209	Unk-8 Cg_DNMT1_F (SR IDs: 1510/1) 209

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
C	Unk-9 Cg_DNMT1 _F (SR IDs: 1510/1) 213	Unk-9 Cg_DNMT1 _F (SR IDs: 1510/1) 213	Unk-9 Cg_DNMT1 _F (SR IDs: 1510/1) 213	Unk-10 Cg_DNMT1 _F (SR IDs: 1510/1) 214	Unk-10 Cg_DNMT1 _F (SR IDs: 1510/1) 214	Unk-10 Cg_DNMT1 _F (SR IDs: 1510/1) 214	Unk-11 Cg_DNMT1 _F (SR IDs: 1510/1) 216	Unk-11 Cg_DNMT1 _F (SR IDs: 1510/1) 216	Unk-11 Cg_DNMT1 _F (SR IDs: 1510/1) 216	Unk-12 Cg_DNMT1 _F (SR IDs: 1510/1) 219	Unk-12 Cg_DNMT1 _F (SR IDs: 1510/1) 219	Unk-12 Cg_DNMT1 _F (SR IDs: 1510/1) 219
D	Unk-13 Cg_DNMT1 _F (SR IDs: 1510/1) 227	Unk-13 Cg_DNMT1 _F (SR IDs: 1510/1) 227	Unk-13 Cg_DNMT1 _F (SR IDs: 1510/1) 227	Unk-14 Cg_DNMT1 _F (SR IDs: 1510/1) 229	Unk-14 Cg_DNMT1 _F (SR IDs: 1510/1) 229	Unk-14 Cg_DNMT1 _F (SR IDs: 1510/1) 229	Unk-15 Cg_DNMT1 _F (SR IDs: 1510/1) 230	Unk-15 Cg_DNMT1 _F (SR IDs: 1510/1) 230	Unk-15 Cg_DNMT1 _F (SR IDs: 1510/1) 230	Unk-16 Cg_DNMT1 _F (SR IDs: 1510/1) 231	Unk-16 Cg_DNMT1 _F (SR IDs: 1510/1) 231	Unk-16 Cg_DNMT1 _F (SR IDs: 1510/1) 231
E	Unk-17 Cg_DNMT1 _F (SR IDs: 1510/1) 232	Unk-17 Cg_DNMT1 _F (SR IDs: 1510/1) 232	Unk-17 Cg_DNMT1 _F (SR IDs: 1510/1) 232	Unk-18 Cg_DNMT1 _F (SR IDs: 1510/1) 233	Unk-18 Cg_DNMT1 _F (SR IDs: 1510/1) 233	Unk-18 Cg_DNMT1 _F (SR IDs: 1510/1) 233	Unk-19 Cg_DNMT1 _F (SR IDs: 1510/1) 235	Unk-19 Cg_DNMT1 _F (SR IDs: 1510/1) 235	Unk-19 Cg_DNMT1 _F (SR IDs: 1510/1) 235	Unk-20 Cg_DNMT1 _F (SR IDs: 1510/1) 236	Unk-20 Cg_DNMT1 _F (SR IDs: 1510/1) 236	Unk-20 Cg_DNMT1 _F (SR IDs: 1510/1) 236
F	Unk-21 Cg_DNMT1 _F (SR IDs: 1510/1) 237	Unk-21 Cg_DNMT1 _F (SR IDs: 1510/1) 237	Unk-21 Cg_DNMT1 _F (SR IDs: 1510/1) 237	Unk-22 Cg_DNMT1 _F (SR IDs: 1510/1) 238	Unk-22 Cg_DNMT1 _F (SR IDs: 1510/1) 238	Unk-22 Cg_DNMT1 _F (SR IDs: 1510/1) 238	Unk-23 Cg_DNMT1 _F (SR IDs: 1510/1) 239	Unk-23 Cg_DNMT1 _F (SR IDs: 1510/1) 239	Unk-23 Cg_DNMT1 _F (SR IDs: 1510/1) 239	Unk-24 Cg_DNMT1 _F (SR IDs: 1510/1) 240	Unk-24 Cg_DNMT1 _F (SR IDs: 1510/1) 240	Unk-24 Cg_DNMT1 _F (SR IDs: 1510/1) 240
G	Unk-25 Cg_DNMT1 _F (SR IDs: 1510/1) 241	Unk-25 Cg_DNMT1 _F (SR IDs: 1510/1) 241	Unk-25 Cg_DNMT1 _F (SR IDs: 1510/1) 241	Unk-26 Cg_DNMT1 _F (SR IDs: 1510/1) 245	Unk-26 Cg_DNMT1 _F (SR IDs: 1510/1) 245	Unk-26 Cg_DNMT1 _F (SR IDs: 1510/1) 245	Unk-27 Cg_DNMT1 _F (SR IDs: 1510/1) 248	Unk-27 Cg_DNMT1 _F (SR IDs: 1510/1) 248	Unk-27 Cg_DNMT1 _F (SR IDs: 1510/1) 248	Unk-28 Cg_DNMT1 _F (SR IDs: 1510/1) 250	Unk-28 Cg_DNMT1 _F (SR IDs: 1510/1) 250	Unk-28 Cg_DNMT1 _F (SR IDs: 1510/1) 250
H	Unk-29 Cg_DNMT1 _F (SR IDs: 1510/1) 252	Unk-29 Cg_DNMT1 _F (SR IDs: 1510/1) 252	Unk-29 Cg_DNMT1 _F (SR IDs: 1510/1) 252	Unk-30 Cg_DNMT1 _F (SR IDs: 1510/1) 258	Unk-30 Cg_DNMT1 _F (SR IDs: 1510/1) 258	Unk-30 Cg_DNMT1 _F (SR IDs: 1510/1) 258	Unk-31 Cg_DNMT1 _F (SR IDs: 1510/1) 263	Unk-31 Cg_DNMT1 _F (SR IDs: 1510/1) 263	Unk-31 Cg_DNMT1 _F (SR IDs: 1510/1) 263	Unk-32 Cg_DNMT1 _F (SR IDs: 1510/1) 268	Unk-32 Cg_DNMT1 _F (SR IDs: 1510/1) 268	Unk-32 Cg_DNMT1 _F (SR IDs: 1510/1) 268

Quantification

Step #: 3
Analysis Mode: Fluorophore
Cq Determination: Single Threshold
Baseline Method:
SYBR: Auto Calculated
Threshold Setting:
SYBR: 2372.32, 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	201	28.91	28.78	0.128
A02	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-01	201	28.77	28.78	0.128
A03	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-01	201	28.65	28.78	0.128
A04	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-02	202	29.74	29.75	0.039
A05	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-02	202	29.79	29.75	0.039
A06	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-02	202	29.71	29.75	0.039
A07	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-03	203	29.24	29.29	0.096
A08	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-03	203	29.40	29.29	0.096
A09	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-03	203	29.23	29.29	0.096
A10	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-04	204	28.36	28.37	0.026
A11	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-04	204	28.35	28.37	0.026
A12	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-04	204	28.40	28.37	0.026
B01	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-05	205	27.88	27.86	0.042
B02	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-05	205	27.88	27.86	0.042
B03	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-05	205	27.81	27.86	0.042
B04	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-06	207	28.54	28.41	0.126
B05	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-06	207	28.29	28.41	0.126
B06	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-06	207	28.40	28.41	0.126
B07	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-07	208	30.71	30.74	0.138

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
B08	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-07	208	30.63	30.74	0.138
B09	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-07	208	30.89	30.74	0.138
B10	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-08	209	34.06	34.00	0.167
B11	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-08	209	33.81	34.00	0.167
B12	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-08	209	34.13	34.00	0.167
C01	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-09	213	32.89	32.88	0.269
C02	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-09	213	33.14	32.88	0.269
C03	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-09	213	32.60	32.88	0.269
C04	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-10	214	28.82	28.77	0.044
C05	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-10	214	28.76	28.77	0.044
C06	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-10	214	28.73	28.77	0.044
C07	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-11	216	31.97	32.16	0.207
C08	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-11	216	32.14	32.16	0.207
C09	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-11	216	32.38	32.16	0.207
C10	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-12	219	31.08	31.09	0.084
C11	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-12	219	31.01	31.09	0.084
C12	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-12	219	31.18	31.09	0.084
D01	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-13	227	33.02	33.19	0.266
D02	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-13	227	33.05	33.19	0.266
D03	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-13	227	33.49	33.19	0.266

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
D04	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-14	229	30.33	30.28	0.049
D05	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-14	229	30.24	30.28	0.049
D06	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-14	229	30.28	30.28	0.049
D07	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-15	230	27.21	27.25	0.038
D08	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-15	230	27.28	27.25	0.038
D09	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-15	230	27.27	27.25	0.038
D10	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-16	231	32.45	32.50	0.196
D11	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-16	231	32.34	32.50	0.196
D12	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-16	231	32.72	32.50	0.196
E01	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-17	232	30.33	30.32	0.033
E02	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-17	232	30.36	30.32	0.033
E03	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-17	232	30.29	30.32	0.033
E04	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-18	233	29.88	29.88	0.091
E05	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-18	233	29.97	29.88	0.091
E06	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-18	233	29.78	29.88	0.091
E07	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-19	235	32.12	32.28	0.144
E08	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-19	235	32.36	32.28	0.144
E09	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-19	235	32.37	32.28	0.144
E10	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-20	236	30.00	29.96	0.037
E11	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-20	236	29.95	29.96	0.037

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
E12	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-20	236	29.93	29.96	0.037
F01	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-21	237	28.74	28.65	0.079
F02	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-21	237	28.61	28.65	0.079
F03	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-21	237	28.60	28.65	0.079
F04	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-22	238	30.06	30.03	0.123
F05	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-22	238	29.89	30.03	0.123
F06	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-22	238	30.13	30.03	0.123
F07	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-23	239	30.00	30.04	0.097
F08	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-23	239	30.15	30.04	0.097
F09	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-23	239	29.96	30.04	0.097
F10	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-24	240	29.47	29.37	0.151
F11	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-24	240	29.45	29.37	0.151
F12	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-24	240	29.20	29.37	0.151
G01	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-25	241	32.46	32.48	0.086
G02	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-25	241	32.40	32.48	0.086
G03	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-25	241	32.57	32.48	0.086
G04	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-26	245	29.06	29.09	0.031
G05	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-26	245	29.12	29.09	0.031
G06	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-26	245	29.09	29.09	0.031
G07	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-27	248	28.84	28.84	0.048

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
G08	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-27	248	28.89	28.84	0.048
G09	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-27	248	28.79	28.84	0.048
G10	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-28	250	29.37	29.42	0.256
G11	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-28	250	29.19	29.42	0.256
G12	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-28	250	29.69	29.42	0.256
H01	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-29	252	31.10	31.06	0.036
H02	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-29	252	31.05	31.06	0.036
H03	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-29	252	31.03	31.06	0.036
H04	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-30	258	31.00	31.16	0.163
H05	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-30	258	31.16	31.16	0.163
H06	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-30	258	31.32	31.16	0.163
H07	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-31	263	30.44	30.42	0.021
H08	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-31	263	30.40	30.42	0.021
H09	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-31	263	30.41	30.42	0.021
H10	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-32	268	28.57	28.41	0.143
H11	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-32	268	28.34	28.41	0.143
H12	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-32	268	28.31	28.41	0.143

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	
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	