sam_2024-12-11_08-50-51_CFX96-DNMT1-03.pcrd

12/12/2024 22:23

Report Information

User: BioRad/sam
Data File Name: sam_2024-12-11_08-50-51_CFX96-DNMT1-03.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 08:51
Run User: sam
Run Type: User-defined
Plate File: cgig-DNMT1-cfx-plate-03.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
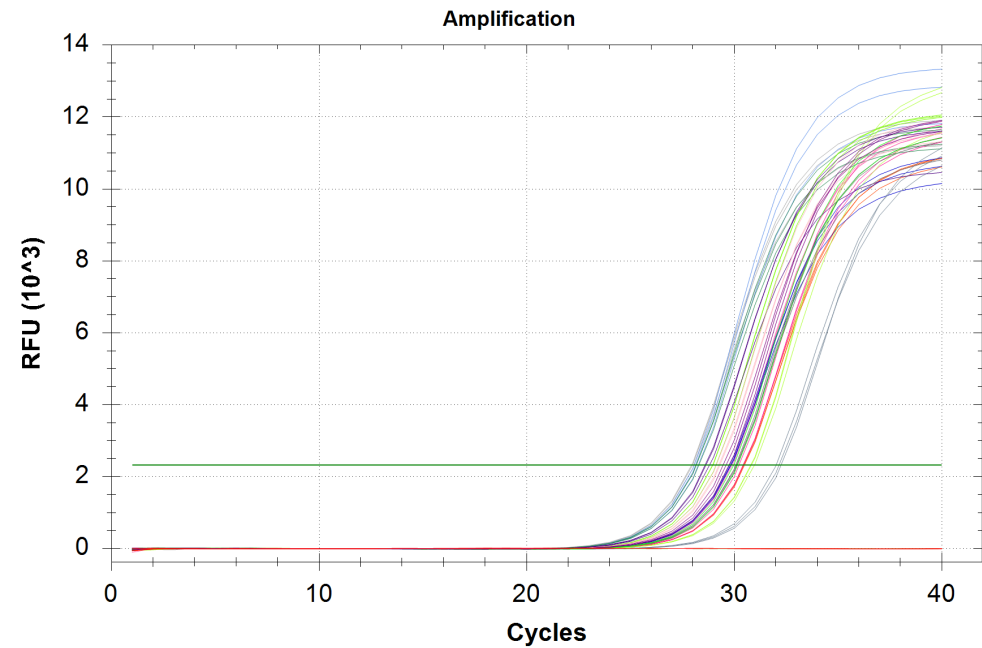Plate Read

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
A	Unk-1 Cg_DNMT1_F (SR IDs: 1510/1) 351	Unk-1 Cg_DNMT1_F (SR IDs: 1510/1) 351	Unk-1 Cg_DNMT1_F (SR IDs: 1510/1) 351	Unk-2 Cg_DNMT1_F (SR IDs: 1510/1) 353	Unk-2 Cg_DNMT1_F (SR IDs: 1510/1) 353	Unk-2 Cg_DNMT1_F (SR IDs: 1510/1) 353	Unk-3 Cg_DNMT1_F (SR IDs: 1510/1) 355	Unk-3 Cg_DNMT1_F (SR IDs: 1510/1) 355	Unk-3 Cg_DNMT1_F (SR IDs: 1510/1) 355	Unk-4 Cg_DNMT1_F (SR IDs: 1510/1) 357	Unk-4 Cg_DNMT1_F (SR IDs: 1510/1) 357	Unk-4 Cg_DNMT1_F (SR IDs: 1510/1) 357
B	Unk-5 Cg_DNMT1_F (SR IDs: 1510/1) 360	Unk-5 Cg_DNMT1_F (SR IDs: 1510/1) 360	Unk-5 Cg_DNMT1_F (SR IDs: 1510/1) 360	Unk-6 Cg_DNMT1_F (SR IDs: 1510/1) 361	Unk-6 Cg_DNMT1_F (SR IDs: 1510/1) 361	Unk-6 Cg_DNMT1_F (SR IDs: 1510/1) 361	Unk-7 Cg_DNMT1_F (SR IDs: 1510/1) 364	Unk-7 Cg_DNMT1_F (SR IDs: 1510/1) 364	Unk-7 Cg_DNMT1_F (SR IDs: 1510/1) 364	Unk-8 Cg_DNMT1_F (SR IDs: 1510/1) 371	Unk-8 Cg_DNMT1_F (SR IDs: 1510/1) 371	Unk-8 Cg_DNMT1_F (SR IDs: 1510/1) 371

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
C	Unk-9 Cg_DNMT1_F (SR IDs: 1510/1) 374	Unk-9 Cg_DNMT1_F (SR IDs: 1510/1) 374	Unk-9 Cg_DNMT1_F (SR IDs: 1510/1) 374	Unk-10 Cg_DNMT1_F (SR IDs: 1510/1) 378	Unk-10 Cg_DNMT1_F (SR IDs: 1510/1) 378	Unk-10 Cg_DNMT1_F (SR IDs: 1510/1) 378	Unk-11 Cg_DNMT1_F (SR IDs: 1510/1) 381	Unk-11 Cg_DNMT1_F (SR IDs: 1510/1) 381	Unk-11 Cg_DNMT1_F (SR IDs: 1510/1) 381	Unk-12 Cg_DNMT1_F (SR IDs: 1510/1) 386	Unk-12 Cg_DNMT1_F (SR IDs: 1510/1) 386	Unk-12 Cg_DNMT1_F (SR IDs: 1510/1) 386
D	Unk-13 Cg_DNMT1_F (SR IDs: 1510/1) 392	Unk-13 Cg_DNMT1_F (SR IDs: 1510/1) 392	Unk-13 Cg_DNMT1_F (SR IDs: 1510/1) 392	Unk-14 Cg_DNMT1_F (SR IDs: 1510/1) 394	Unk-14 Cg_DNMT1_F (SR IDs: 1510/1) 394	Unk-14 Cg_DNMT1_F (SR IDs: 1510/1) 394	Unk-15 Cg_DNMT1_F (SR IDs: 1510/1) 395	Unk-15 Cg_DNMT1_F (SR IDs: 1510/1) 395	Unk-15 Cg_DNMT1_F (SR IDs: 1510/1) 395	NTC-1 Cg_DNMT1_F (SR IDs: 1510/1) NTC	NTC-1 Cg_DNMT1_F (SR IDs: 1510/1) NTC	NTC-1 Cg_DNMT1_F (SR IDs: 1510/1) NTC
E												
F												
G												
H												

Quantification

Step #: 3
Analysis Mode: Fluorophore
Cq Determination: Single Threshold
Baseline Method:
SYBR: Auto Calculated
Threshold Setting:
SYBR: 2330.92, 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	351	28.07	28.01	0.059
A02	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-01	351	28.00	28.01	0.059

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A03	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-01	351	27.95	28.01	0.059
A04	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-02	353	29.92	29.87	0.042
A05	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-02	353	29.87	29.87	0.042
A06	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-02	353	29.83	29.87	0.042
A07	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-03	355	30.50	30.47	0.033
A08	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-03	355	30.43	30.47	0.033
A09	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-03	355	30.47	30.47	0.033
A10	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-04	357	29.85	29.82	0.042
A11	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-04	357	29.77	29.82	0.042
A12	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-04	357	29.82	29.82	0.042
B01	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-05	360	30.44	30.37	0.121
B02	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-05	360	30.44	30.37	0.121
B03	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-05	360	30.23	30.37	0.121
B04	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-06	361	28.27	28.16	0.104
B05	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-06	361	28.06	28.16	0.104
B06	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-06	361	28.14	28.16	0.104
B07	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-07	364	30.80	30.87	0.097
B08	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-07	364	30.83	30.87	0.097
B09	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-07	364	30.98	30.87	0.097
B10	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-08	371	32.02	32.15	0.117

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
B11	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-08	371	32.26	32.15	0.117
B12	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-08	371	32.16	32.15	0.117
C01	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-09	374	28.30	28.21	0.072
C02	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-09	374	28.17	28.21	0.072
C03	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-09	374	28.17	28.21	0.072
C04	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-10	378	28.96	29.02	0.091
C05	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-10	378	28.97	29.02	0.091
C06	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-10	378	29.12	29.02	0.091
C07	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-11	381	28.64	28.68	0.113
C08	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-11	381	28.60	28.68	0.113
C09	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-11	381	28.81	28.68	0.113
C10	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-12	386	30.14	30.11	0.030
C11	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-12	386	30.08	30.11	0.030
C12	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-12	386	30.11	30.11	0.030
D01	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-13	392	29.31	29.24	0.089
D02	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-13	392	29.14	29.24	0.089
D03	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-13	392	29.26	29.24	0.089
D04	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-14	394	30.16	30.07	0.127
D05	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-14	394	29.98	30.07	0.127
D06	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-14	394	N/A	0.00	0.000

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
D07	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-15	395	29.47	29.61	0.143
D08	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-15	395	29.75	29.61	0.143
D09	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	Unkn-15	395	29.61	29.61	0.143
D10	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	NTC-01	NTC	N/A	0.00	0.000
D11	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	NTC-01	NTC	N/A	0.00	0.000
D12	SYBR	Cg_DNMT1_F (SR IDs: 1510/1)	NTC-01	NTC	N/A	0.00	0.000

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:D6.	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			

Data

Description	Value	Use	Results	Exclude Wells	All excluded wells
Replicate group Cq Std Dev greater than	0.50	True		False	