



sam_2026-01-27_13-29-34_CFX96-DNMT1-02.pcrd

01/29/2026 12:22

Report Information

User: BioRad/sam

Data File Name: sam_2026-01-27_13-29-34_CFX96-DNMT1-02.pcrd

Data File Path: C:\Users\Samb\Desktop\qPCR-polyIC

Well Group Name: All Wells

Report Differs from Last Save: No

Run Setup

Run Information

Run Date: 01/27/2026 13:29

Run User: sam

Run Type: User-defined

Plate File: mgig-02-DNMT1-polyIC-valentina-cfx-plate.pltd

ID:

Notes: DNMT1 - Primer SRIDs 1510 and 1511

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 DNMT1 C3M	Unk-1 DNMT1 C3M	Unk-1 DNMT1 C3M	Unk-2 DNMT1 C4M	Unk-2 DNMT1 C4M	Unk-3 DNMT1 C5M	Unk-3 DNMT1 C5M	Unk-3 DNMT1 C5M	Unk-4 DNMT1 D1M	Unk-4 DNMT1 D1M	Unk-4 DNMT1 D1M	
B	Unk-5 DNMT1 D2M	Unk-5 DNMT1 D2M	Unk-5 DNMT1 D2M	Unk-6 DNMT1 D3M	Unk-6 DNMT1 D3M	Unk-7 DNMT1 D4M	Unk-7 DNMT1 D4M	Unk-7 DNMT1 D4M	Unk-8 DNMT1 D5M	Unk-8 DNMT1 D5M	Unk-8 DNMT1 D5M	
C	Unk-9 DNMT1 A1T	Unk-9 DNMT1 A1T	Unk-9 DNMT1 A1T	Unk-10 DNMT1 A2T	Unk-10 DNMT1 A2T	Unk-11 DNMT1 A3T	Unk-11 DNMT1 A3T	Unk-11 DNMT1 A3T	Unk-12 DNMT1 A4T	Unk-12 DNMT1 A4T	Unk-12 DNMT1 A4T	
D	Unk-13 DNMT1 A5T	Unk-13 DNMT1 A5T	Unk-13 DNMT1 A5T	Unk-14 DNMT1 B1T	Unk-14 DNMT1 B1T	Unk-15 DNMT1 B2T	Unk-15 DNMT1 B2T	Unk-15 DNMT1 B2T	Unk-16 DNMT1 B3T	Unk-16 DNMT1 B3T	Unk-16 DNMT1 B3T	

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
E	Unk-17 DNMT1 B4T	Unk-17 DNMT1 B4T	Unk-17 DNMT1 B4T	Unk-18 DNMT1 B5T	Unk-18 DNMT1 B5T	Unk-18 DNMT1 B5T	Unk-19 DNMT1 C1T	Unk-19 DNMT1 C1T	Unk-19 DNMT1 C1T	Unk-20 DNMT1 C2T	Unk-20 DNMT1 C2T	Unk-20 DNMT1 C2T
F	Unk-21 DNMT1 C3T	Unk-21 DNMT1 C3T	Unk-21 DNMT1 C3T	Unk-22 DNMT1 C4T	Unk-22 DNMT1 C4T	Unk-22 DNMT1 C4T	Unk-23 DNMT1 C5T	Unk-23 DNMT1 C5T	Unk-23 DNMT1 C5T	Unk-24 DNMT1 D1T	Unk-24 DNMT1 D1T	Unk-24 DNMT1 D1T
G	Unk-25 DNMT1 D2T	Unk-25 DNMT1 D2T	Unk-25 DNMT1 D2T	Unk-26 DNMT1 D3T	Unk-26 DNMT1 D3T	Unk-26 DNMT1 D3T	Unk-27 DNMT1 D4T	Unk-27 DNMT1 D4T	Unk-27 DNMT1 D4T	Unk-28 DNMT1 D5T	Unk-28 DNMT1 D5T	Unk-28 DNMT1 D5T
H	Unk-29 DNMT1 C1PC	Unk-29 DNMT1 C1PC	Unk-29 DNMT1 C1PC	Unk-30 DNMT1 C2PC	Unk-30 DNMT1 C2PC	Unk-30 DNMT1 C2PC	Unk-31 DNMT1 C3PC	Unk-31 DNMT1 C3PC	Unk-31 DNMT1 C3PC	Unk-32 DNMT1 D1PC	Unk-32 DNMT1 D1PC	Unk-32 DNMT1 D1PC

Quantification

Step #: 3

Analysis Mode: Fluorophore

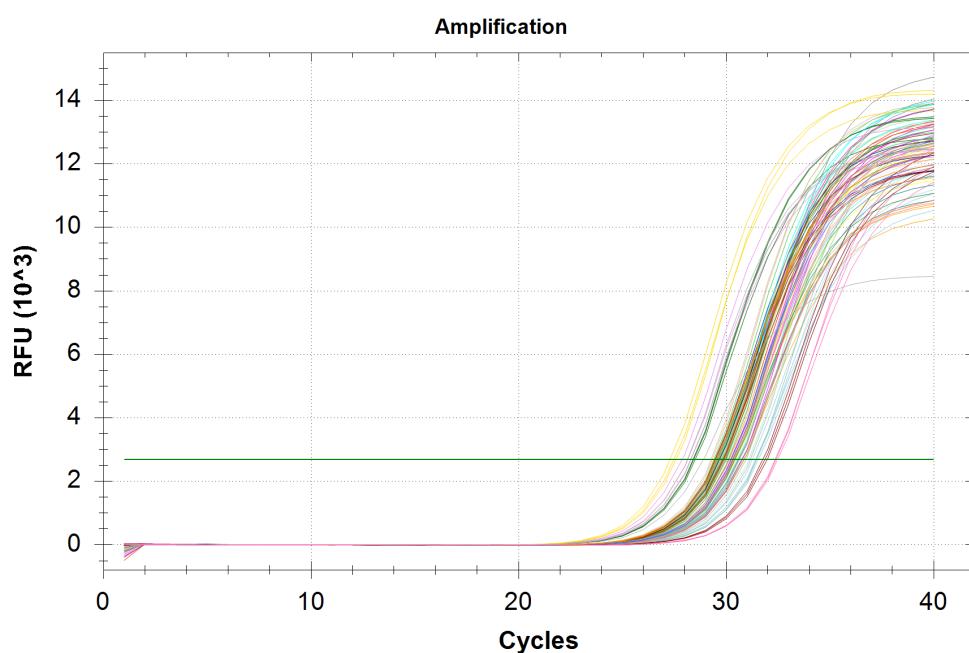
Cq Determination: Single Threshold

Baseline Method:

SYBR: Auto Calculated

Threshold Setting:

SYBR: 2685.59, Auto Calculated



Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A01	SYBR	DNMT1	Unkn-01	C3M	30.30	30.22	0.084
A02	SYBR	DNMT1	Unkn-01	C3M	30.22	30.22	0.084
A03	SYBR	DNMT1	Unkn-01	C3M	30.13	30.22	0.084
A04	SYBR	DNMT1	Unkn-02	C4M	31.47	31.32	0.206
A05	SYBR	DNMT1	Unkn-02	C4M	31.09	31.32	0.206
A06	SYBR	DNMT1	Unkn-02	C4M	31.41	31.32	0.206
A07	SYBR	DNMT1	Unkn-03	C5M	30.85	30.72	0.137
A08	SYBR	DNMT1	Unkn-03	C5M	30.58	30.72	0.137

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A09	SYBR	DNMT1	Unkn-03	C5M	30.74	30.72	0.137
A10	SYBR	DNMT1	Unkn-04	D1M	30.38	30.53	0.277
A11	SYBR	DNMT1	Unkn-04	D1M	30.85	30.53	0.277
A12	SYBR	DNMT1	Unkn-04	D1M	30.37	30.53	0.277
B01	SYBR	DNMT1	Unkn-05	D2M	30.02	29.79	0.202
B02	SYBR	DNMT1	Unkn-05	D2M	29.71	29.79	0.202
B03	SYBR	DNMT1	Unkn-05	D2M	29.65	29.79	0.202
B04	SYBR	DNMT1	Unkn-06	D3M	30.77	30.53	0.211
B05	SYBR	DNMT1	Unkn-06	D3M	30.40	30.53	0.211
B06	SYBR	DNMT1	Unkn-06	D3M	30.41	30.53	0.211
B07	SYBR	DNMT1	Unkn-07	D4M	30.34	30.30	0.173
B08	SYBR	DNMT1	Unkn-07	D4M	30.11	30.30	0.173
B09	SYBR	DNMT1	Unkn-07	D4M	30.45	30.30	0.173
B10	SYBR	DNMT1	Unkn-08	D5M	31.42	31.40	0.147
B11	SYBR	DNMT1	Unkn-08	D5M	31.25	31.40	0.147
B12	SYBR	DNMT1	Unkn-08	D5M	31.54	31.40	0.147
C01	SYBR	DNMT1	Unkn-09	A1T	30.41	30.30	0.177
C02	SYBR	DNMT1	Unkn-09	A1T	30.10	30.30	0.177
C03	SYBR	DNMT1	Unkn-09	A1T	30.39	30.30	0.177
C04	SYBR	DNMT1	Unkn-10	A2T	29.40	29.55	0.132
C05	SYBR	DNMT1	Unkn-10	A2T	29.65	29.55	0.132
C06	SYBR	DNMT1	Unkn-10	A2T	29.60	29.55	0.132
C07	SYBR	DNMT1	Unkn-11	A3T	30.34	30.20	0.294
C08	SYBR	DNMT1	Unkn-11	A3T	29.87	30.20	0.294
C09	SYBR	DNMT1	Unkn-11	A3T	30.40	30.20	0.294
C10	SYBR	DNMT1	Unkn-12	A4T	28.28	28.10	0.207
C11	SYBR	DNMT1	Unkn-12	A4T	27.87	28.10	0.207
C12	SYBR	DNMT1	Unkn-12	A4T	28.14	28.10	0.207
D01	SYBR	DNMT1	Unkn-13	A5T	28.43	28.44	0.054
D02	SYBR	DNMT1	Unkn-13	A5T	28.50	28.44	0.054
D03	SYBR	DNMT1	Unkn-13	A5T	28.39	28.44	0.054
D04	SYBR	DNMT1	Unkn-14	B1T	30.63	30.47	0.202
D05	SYBR	DNMT1	Unkn-14	B1T	30.24	30.47	0.202
D06	SYBR	DNMT1	Unkn-14	B1T	30.53	30.47	0.202
D07	SYBR	DNMT1	Unkn-15	B2T	30.40	30.29	0.098
D08	SYBR	DNMT1	Unkn-15	B2T	30.24	30.29	0.098
D09	SYBR	DNMT1	Unkn-15	B2T	30.23	30.29	0.098
D10	SYBR	DNMT1	Unkn-16	B3T	29.45	29.48	0.038
D11	SYBR	DNMT1	Unkn-16	B3T	29.47	29.48	0.038
D12	SYBR	DNMT1	Unkn-16	B3T	29.53	29.48	0.038
E01	SYBR	DNMT1	Unkn-17	B4T	29.64	29.41	0.200
E02	SYBR	DNMT1	Unkn-17	B4T	29.32	29.41	0.200
E03	SYBR	DNMT1	Unkn-17	B4T	29.26	29.41	0.200
E04	SYBR	DNMT1	Unkn-18	B5T	29.73	29.74	0.113
E05	SYBR	DNMT1	Unkn-18	B5T	29.63	29.74	0.113
E06	SYBR	DNMT1	Unkn-18	B5T	29.86	29.74	0.113
E07	SYBR	DNMT1	Unkn-19	C1T	27.57	27.44	0.145
E08	SYBR	DNMT1	Unkn-19	C1T	27.28	27.44	0.145
E09	SYBR	DNMT1	Unkn-19	C1T	27.47	27.44	0.145

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
E10	SYBR	DNMT1	Unkn-20	C2T	29.99	30.08	0.291
E11	SYBR	DNMT1	Unkn-20	C2T	29.85	30.08	0.291
E12	SYBR	DNMT1	Unkn-20	C2T	30.41	30.08	0.291
F01	SYBR	DNMT1	Unkn-21	C3T	30.26	30.13	0.212
F02	SYBR	DNMT1	Unkn-21	C3T	29.89	30.13	0.212
F03	SYBR	DNMT1	Unkn-21	C3T	30.25	30.13	0.212
F04	SYBR	DNMT1	Unkn-22	C4T	29.88	29.82	0.055
F05	SYBR	DNMT1	Unkn-22	C4T	29.78	29.82	0.055
F06	SYBR	DNMT1	Unkn-22	C4T	29.81	29.82	0.055
F07	SYBR	DNMT1	Unkn-23	C5T	31.16	31.18	0.246
F08	SYBR	DNMT1	Unkn-23	C5T	30.95	31.18	0.246
F09	SYBR	DNMT1	Unkn-23	C5T	31.44	31.18	0.246
F10	SYBR	DNMT1	Unkn-24	D1T	29.67	29.72	0.095
F11	SYBR	DNMT1	Unkn-24	D1T	29.66	29.72	0.095
F12	SYBR	DNMT1	Unkn-24	D1T	29.83	29.72	0.095
G01	SYBR	DNMT1	Unkn-25	D2T	29.57	29.78	0.183
G02	SYBR	DNMT1	Unkn-25	D2T	29.83	29.78	0.183
G03	SYBR	DNMT1	Unkn-25	D2T	29.93	29.78	0.183
G04	SYBR	DNMT1	Unkn-26	D3T	30.61	30.74	0.120
G05	SYBR	DNMT1	Unkn-26	D3T	30.85	30.74	0.120
G06	SYBR	DNMT1	Unkn-26	D3T	30.78	30.74	0.120
G07	SYBR	DNMT1	Unkn-27	D4T	30.27	30.20	0.058
G08	SYBR	DNMT1	Unkn-27	D4T	30.16	30.20	0.058
G09	SYBR	DNMT1	Unkn-27	D4T	30.19	30.20	0.058
G10	SYBR	DNMT1	Unkn-28	D5T	30.32	30.25	0.059
G11	SYBR	DNMT1	Unkn-28	D5T	30.22	30.25	0.059
G12	SYBR	DNMT1	Unkn-28	D5T	30.21	30.25	0.059
H01	SYBR	DNMT1	Unkn-29	C1PC	31.86	31.86	0.109
H02	SYBR	DNMT1	Unkn-29	C1PC	31.97	31.86	0.109
H03	SYBR	DNMT1	Unkn-29	C1PC	31.75	31.86	0.109
H04	SYBR	DNMT1	Unkn-30	C2PC	29.53	29.48	0.049
H05	SYBR	DNMT1	Unkn-30	C2PC	29.43	29.48	0.049
H06	SYBR	DNMT1	Unkn-30	C2PC	29.49	29.48	0.049
H07	SYBR	DNMT1	Unkn-31	C3PC	28.13	28.44	0.403
H08	SYBR	DNMT1	Unkn-31	C3PC	28.89	28.44	0.403
H09	SYBR	DNMT1	Unkn-31	C3PC	28.29	28.44	0.403
H10	SYBR	DNMT1	Unkn-32	D1PC	32.39	32.40	0.057
H11	SYBR	DNMT1	Unkn-32	D1PC	32.35	32.40	0.057
H12	SYBR	DNMT1	Unkn-32	D1PC	32.46	32.40	0.057

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	