sam_2026-01-27_13-34-02_Connect-DNMT1-01.pcrd

01/29/2026 12:15

Report Information

User: BioRad/sam
Data File Name: sam_2026-01-27_13-34-02_Connect-DNMT1-01.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 13:34
Run User: sam
Run Type: User-defined
Plate File: mgig-01-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: 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

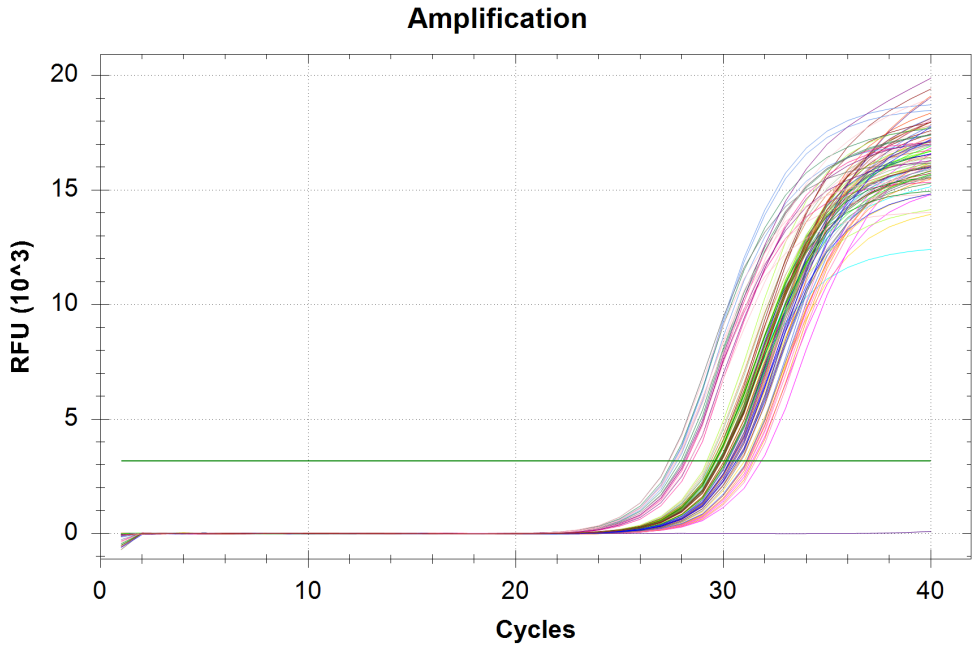
	1	2	3	4	5	6	7	8	9	10	11	12
A	Unk-1 DNMT1 A1C	Unk-1 DNMT1 A1C	Unk-1 DNMT1 A1C	Unk-2 DNMT1 A2C	Unk-2 DNMT1 A2C	Unk-2 DNMT1 A2C	Unk-3 DNMT1 A3C	Unk-3 DNMT1 A3C	Unk-3 DNMT1 A3C	Unk-4 DNMT1 A4C	Unk-4 DNMT1 A4C	Unk-4 DNMT1 A4C
B	Unk-5 DNMT1 A5C	Unk-5 DNMT1 A5C	Unk-5 DNMT1 A5C	Unk-6 DNMT1 B1C	Unk-6 DNMT1 B1C	Unk-6 DNMT1 B1C	Unk-7 DNMT1 B2C	Unk-7 DNMT1 B2C	Unk-7 DNMT1 B2C	Unk-8 DNMT1 B3C	Unk-8 DNMT1 B3C	Unk-8 DNMT1 B3C
C	Unk-9 DNMT1 B4C	Unk-9 DNMT1 B4C	Unk-9 DNMT1 B4C	Unk-10 DNMT1 B5C	Unk-10 DNMT1 B5C	Unk-10 DNMT1 B5C	Unk-11 DNMT1 C1C	Unk-11 DNMT1 C1C	Unk-11 DNMT1 C1C	Unk-12 DNMT1 C2C	Unk-12 DNMT1 C2C	Unk-12 DNMT1 C2C
D	Unk-13 DNMT1 C3C	Unk-13 DNMT1 C3C	Unk-13 DNMT1 C3C	Unk-14 DNMT1 C4C	Unk-14 DNMT1 C4C	Unk-14 DNMT1 C4C	Unk-15 DNMT1 C5C	Unk-15 DNMT1 C5C	Unk-15 DNMT1 C5C	Unk-16 DNMT1 D1C	Unk-16 DNMT1 D1C	Unk-16 DNMT1 D1C

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
E	Unk-17 DNMT1 D2C	Unk-17 DNMT1 D2C	Unk-17 DNMT1 D2C	Unk-18 DNMT1 D3C	Unk-18 DNMT1 D3C	Unk-18 DNMT1 D3C	Unk-19 DNMT1 D4C	Unk-19 DNMT1 D4C	Unk-19 DNMT1 D4C	Unk-20 DNMT1 D5C	Unk-20 DNMT1 D5C	Unk-20 DNMT1 D5C
F	Unk-21 DNMT1 A1M	Unk-21 DNMT1 A1M	Unk-21 DNMT1 A1M	Unk-22 DNMT1 A2M	Unk-22 DNMT1 A2M	Unk-22 DNMT1 A2M	Unk-23 DNMT1 A3M	Unk-23 DNMT1 A3M	Unk-23 DNMT1 A3M	Unk-24 DNMT1 A4M	Unk-24 DNMT1 A4M	Unk-24 DNMT1 A4M
G	Unk-25 DNMT1 A5M	Unk-25 DNMT1 A5M	Unk-25 DNMT1 A5M	Unk-26 DNMT1 B1M	Unk-26 DNMT1 B1M	Unk-26 DNMT1 B1M	Unk-27 DNMT1 B2M	Unk-27 DNMT1 B2M	Unk-27 DNMT1 B2M	Unk-28 DNMT1 B3M	Unk-28 DNMT1 B3M	Unk-28 DNMT1 B3M
H	Unk-29 DNMT1 B4M	Unk-29 DNMT1 B4M	Unk-29 DNMT1 B4M	Unk-30 DNMT1 B5M	Unk-30 DNMT1 B5M	Unk-30 DNMT1 B5M	Unk-31 DNMT1 C1M	Unk-31 DNMT1 C1M	Unk-31 DNMT1 C1M	Unk-32 DNMT1 C2M	Unk-32 DNMT1 C2M	Unk-32 DNMT1 C2M

Quantification

Step #: 3
Analysis Mode: Fluorophore
Cq Determination: Single Threshold
Baseline Method:
SYBR: Auto Calculated
Threshold Setting:
SYBR: 3175.58, Auto Calculated



Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A01	SYBR	DNMT1	Unkn-01	A1C	29.76	29.70	0.199
A02	SYBR	DNMT1	Unkn-01	A1C	29.86	29.70	0.199
A03	SYBR	DNMT1	Unkn-01	A1C	29.47	29.70	0.199
A04	SYBR	DNMT1	Unkn-02	A2C	30.49	30.51	0.495
A05	SYBR	DNMT1	Unkn-02	A2C	30.03	30.51	0.495
A06	SYBR	DNMT1	Unkn-02	A2C	31.02	30.51	0.495
A07	SYBR	DNMT1	Unkn-03	A3C	29.64	29.86	0.237
A08	SYBR	DNMT1	Unkn-03	A3C	29.81	29.86	0.237

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A09	SYBR	DNMT1	Unkn-03	A3C	30.11	29.86	0.237
A10	SYBR	DNMT1	Unkn-04	A4C	31.84	31.47	0.337
A11	SYBR	DNMT1	Unkn-04	A4C	31.40	31.47	0.337
A12	SYBR	DNMT1	Unkn-04	A4C	31.17	31.47	0.337
B01	SYBR	DNMT1	Unkn-05	A5C	29.67	29.45	0.198
B02	SYBR	DNMT1	Unkn-05	A5C	29.41	29.45	0.198
B03	SYBR	DNMT1	Unkn-05	A5C	29.28	29.45	0.198
B04	SYBR	DNMT1	Unkn-06	B1C	29.49	29.49	0.155
B05	SYBR	DNMT1	Unkn-06	B1C	29.33	29.49	0.155
B06	SYBR	DNMT1	Unkn-06	B1C	29.64	29.49	0.155
B07	SYBR	DNMT1	Unkn-07	B2C	29.89	30.02	0.117
B08	SYBR	DNMT1	Unkn-07	B2C	30.12	30.02	0.117
B09	SYBR	DNMT1	Unkn-07	B2C	30.04	30.02	0.117
B10	SYBR	DNMT1	Unkn-08	B3C	30.11	29.94	0.153
B11	SYBR	DNMT1	Unkn-08	B3C	29.90	29.94	0.153
B12	SYBR	DNMT1	Unkn-08	B3C	29.81	29.94	0.153
C01	SYBR	DNMT1	Unkn-09	B4C	30.34	30.33	0.029
C02	SYBR	DNMT1	Unkn-09	B4C	30.30	30.33	0.029
C03	SYBR	DNMT1	Unkn-09	B4C	30.36	30.33	0.029
C04	SYBR	DNMT1	Unkn-10	B5C	29.28	29.32	0.147
C05	SYBR	DNMT1	Unkn-10	B5C	29.19	29.32	0.147
C06	SYBR	DNMT1	Unkn-10	B5C	29.48	29.32	0.147
C07	SYBR	DNMT1	Unkn-11	C1C	31.11	30.99	0.234
C08	SYBR	DNMT1	Unkn-11	C1C	30.72	30.99	0.234
C09	SYBR	DNMT1	Unkn-11	C1C	31.13	30.99	0.234
C10	SYBR	DNMT1	Unkn-12	C2C	29.91	29.65	0.230
C11	SYBR	DNMT1	Unkn-12	C2C	29.51	29.65	0.230
C12	SYBR	DNMT1	Unkn-12	C2C	29.51	29.65	0.230
D01	SYBR	DNMT1	Unkn-13	C3C	31.14	31.28	0.170
D02	SYBR	DNMT1	Unkn-13	C3C	31.22	31.28	0.170
D03	SYBR	DNMT1	Unkn-13	C3C	31.46	31.28	0.170
D04	SYBR	DNMT1	Unkn-14	C4C	30.70	30.52	0.164
D05	SYBR	DNMT1	Unkn-14	C4C	30.38	30.52	0.164
D06	SYBR	DNMT1	Unkn-14	C4C	30.48	30.52	0.164
D07	SYBR	DNMT1	Unkn-15	C5C	31.31	31.39	0.143
D08	SYBR	DNMT1	Unkn-15	C5C	31.30	31.39	0.143
D09	SYBR	DNMT1	Unkn-15	C5C	31.55	31.39	0.143
D10	SYBR	DNMT1	Unkn-16	D1C	30.35	30.52	0.237
D11	SYBR	DNMT1	Unkn-16	D1C	30.41	30.52	0.237
D12	SYBR	DNMT1	Unkn-16	D1C	30.79	30.52	0.237
E01	SYBR	DNMT1	Unkn-17	D2C	30.20	30.10	0.272
E02	SYBR	DNMT1	Unkn-17	D2C	30.31	30.10	0.272
E03	SYBR	DNMT1	Unkn-17	D2C	29.80	30.10	0.272
E04	SYBR	DNMT1	Unkn-18	D3C	28.16	28.30	0.189
E05	SYBR	DNMT1	Unkn-18	D3C	28.22	28.30	0.189
E06	SYBR	DNMT1	Unkn-18	D3C	28.52	28.30	0.189
E07	SYBR	DNMT1	Unkn-19	D4C	27.79	27.68	0.097
E08	SYBR	DNMT1	Unkn-19	D4C	27.61	27.68	0.097
E09	SYBR	DNMT1	Unkn-19	D4C	27.64	27.68	0.097

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
E10	SYBR	DNMT1	Unkn-20	D5C	29.21	29.48	0.234
E11	SYBR	DNMT1	Unkn-20	D5C	29.62	29.48	0.234
E12	SYBR	DNMT1	Unkn-20	D5C	29.61	29.48	0.234
F01	SYBR	DNMT1	Unkn-21	A1M	30.23	30.26	0.099
F02	SYBR	DNMT1	Unkn-21	A1M	30.17	30.26	0.099
F03	SYBR	DNMT1	Unkn-21	A1M	30.37	30.26	0.099
F04	SYBR	DNMT1	Unkn-22	A2M	28.05	27.85	0.260
F05	SYBR	DNMT1	Unkn-22	A2M	27.55	27.85	0.260
F06	SYBR	DNMT1	Unkn-22	A2M	27.94	27.85	0.260
F07	SYBR	DNMT1	Unkn-23	A3M	29.60	29.56	0.046
F08	SYBR	DNMT1	Unkn-23	A3M	29.51	29.56	0.046
F09	SYBR	DNMT1	Unkn-23	A3M	29.58	29.56	0.046
F10	SYBR	DNMT1	Unkn-24	A4M	30.53	30.58	0.061
F11	SYBR	DNMT1	Unkn-24	A4M	N/A	0.00	0.000
F12	SYBR	DNMT1	Unkn-24	A4M	30.62	30.58	0.061
G01	SYBR	DNMT1	Unkn-25	A5M	30.85	29.64	1.969
G02	SYBR	DNMT1	Unkn-25	A5M	27.37	29.64	1.969
G03	SYBR	DNMT1	Unkn-25	A5M	30.70	29.64	1.969
G04	SYBR	DNMT1	Unkn-26	B1M	27.39	27.60	0.180
G05	SYBR	DNMT1	Unkn-26	B1M	27.66	27.60	0.180
G06	SYBR	DNMT1	Unkn-26	B1M	27.74	27.60	0.180
G07	SYBR	DNMT1	Unkn-27	B2M	30.15	29.91	0.212
G08	SYBR	DNMT1	Unkn-27	B2M	29.82	29.91	0.212
G09	SYBR	DNMT1	Unkn-27	B2M	29.76	29.91	0.212
G10	SYBR	DNMT1	Unkn-28	B3M	28.38	28.22	0.143
G11	SYBR	DNMT1	Unkn-28	B3M	28.17	28.22	0.143
G12	SYBR	DNMT1	Unkn-28	B3M	28.10	28.22	0.143
H01	SYBR	DNMT1	Unkn-29	B4M	29.85	29.69	0.142
H02	SYBR	DNMT1	Unkn-29	B4M	29.59	29.69	0.142
H03	SYBR	DNMT1	Unkn-29	B4M	29.62	29.69	0.142
H04	SYBR	DNMT1	Unkn-30	B5M	30.46	30.49	0.145
H05	SYBR	DNMT1	Unkn-30	B5M	30.35	30.49	0.145
H06	SYBR	DNMT1	Unkn-30	B5M	30.64	30.49	0.145
H07	SYBR	DNMT1	Unkn-31	C1M	28.15	28.08	0.327
H08	SYBR	DNMT1	Unkn-31	C1M	28.36	28.08	0.327
H09	SYBR	DNMT1	Unkn-31	C1M	27.72	28.08	0.327
H10	SYBR	DNMT1	Unkn-32	C2M	29.80	29.81	0.019
H11	SYBR	DNMT1	Unkn-32	C2M	29.83	29.81	0.019
H12	SYBR	DNMT1	Unkn-32	C2M	29.80	29.81	0.019

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:F11.	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	SYBR:G1, G2, G3.	False	