sam_2026-01-27_14-33-31_Connect-DNMT1-03.pcrd

01/29/2026 12:56

Report Information

User: BioRad/sam
Data File Name: sam_2026-01-27_14-33-31_Connect-DNMT1-03.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 14:33
Run User: sam
Run Type: User-defined
Plate File: mgig-03-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

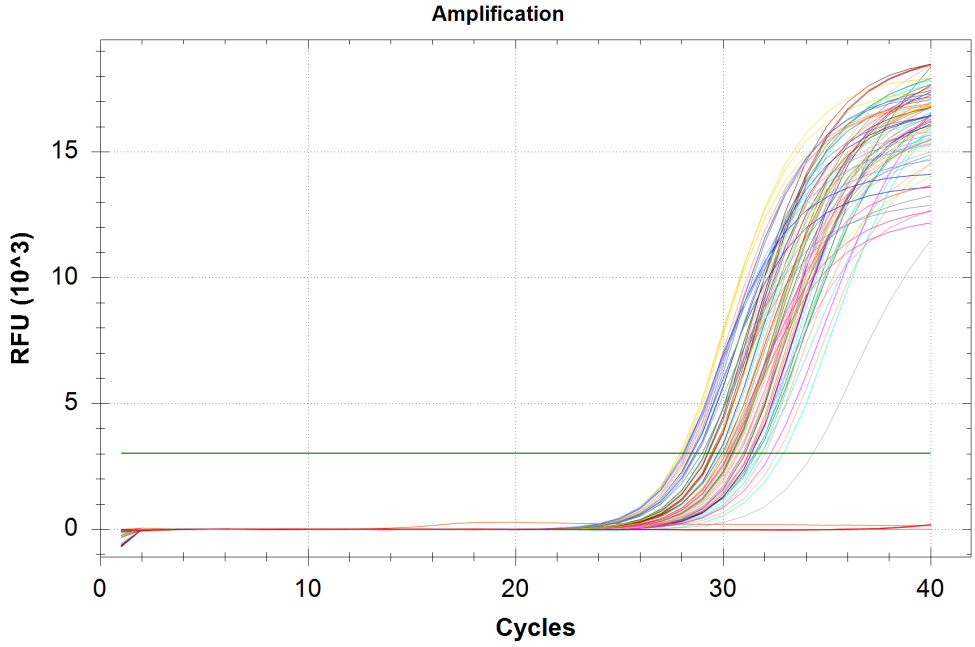
	1	2	3	4	5	6	7	8	9	10	11	12
A	Unk-1 Cg_DNMT1_F (SR D2PC	Unk-1 Cg_DNMT1_F (SR D2PC	Unk-1 Cg_DNMT1_F (SR D2PC	Unk-2 Cg_DNMT1_F (SR D3PC	Unk-2 Cg_DNMT1_F (SR D3PC	Unk-2 Cg_DNMT1_F (SR D3PC	Unk-3 Cg_DNMT1_F (SR D4PC	Unk-3 Cg_DNMT1_F (SR D4PC	Unk-3 Cg_DNMT1_F (SR D4PC	Unk-4 Cg_DNMT1_F (SR D5PC	Unk-4 Cg_DNMT1_F (SR D5PC	Unk-4 Cg_DNMT1_F (SR D5PC
B	Unk-5 Cg_DNMT1_F (SR D1PM	Unk-5 Cg_DNMT1_F (SR D1PM	Unk-5 Cg_DNMT1_F (SR D1PM	Unk-6 Cg_DNMT1_F (SR D2PM	Unk-6 Cg_DNMT1_F (SR D2PM	Unk-6 Cg_DNMT1_F (SR D2PM	Unk-7 Cg_DNMT1_F (SR D3PM	Unk-7 Cg_DNMT1_F (SR D3PM	Unk-7 Cg_DNMT1_F (SR D3PM	Unk-8 Cg_DNMT1_F (SR D4PM	Unk-8 Cg_DNMT1_F (SR D4PM	Unk-8 Cg_DNMT1_F (SR D4PM
C	Unk-9 Cg_DNMT1_F (SR D4PM	Unk-9 Cg_DNMT1_F (SR D4PM	Unk-9 Cg_DNMT1_F (SR D4PM	Unk-10 Cg_DNMT1_F (SR A1PT	Unk-10 Cg_DNMT1_F (SR A1PT	Unk-10 Cg_DNMT1_F (SR A1PT	Unk-11 Cg_DNMT1_F (SR A2PT	Unk-11 Cg_DNMT1_F (SR A2PT	Unk-11 Cg_DNMT1_F (SR A2PT	Unk-12 Cg_DNMT1_F (SR A3PT	Unk-12 Cg_DNMT1_F (SR A3PT	Unk-12 Cg_DNMT1_F (SR A3PT

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
D	Unk-13 Cg_DNMT1 _F (SR A4PT	Unk-13 Cg_DNMT1 _F (SR A4PT	Unk-13 Cg_DNMT1 _F (SR A4PT	Unk-14 Cg_DNMT1 _F (SR A5PT	Unk-14 Cg_DNMT1 _F (SR A5PT	Unk-14 Cg_DNMT1 _F (SR A5PT	Unk-15 Cg_DNMT1 _F (SR B1PT	Unk-15 Cg_DNMT1 _F (SR B1PT	Unk-15 Cg_DNMT1 _F (SR B1PT	Unk-16 Cg_DNMT1 _F (SR B2PT	Unk-16 Cg_DNMT1 _F (SR B2PT	Unk-16 Cg_DNMT1 _F (SR B2PT
E	Unk-17 Cg_DNMT1 _F (SR B3PT	Unk-17 Cg_DNMT1 _F (SR B3PT	Unk-17 Cg_DNMT1 _F (SR B3PT	Unk-18 Cg_DNMT1 _F (SR B4PT	Unk-18 Cg_DNMT1 _F (SR B4PT	Unk-18 Cg_DNMT1 _F (SR B4PT	Unk-19 Cg_DNMT1 _F (SR B5PT	Unk-19 Cg_DNMT1 _F (SR B5PT	Unk-19 Cg_DNMT1 _F (SR B5PT	Unk-20 Cg_DNMT1 _F (SR C1PT	Unk-20 Cg_DNMT1 _F (SR C1PT	Unk-20 Cg_DNMT1 _F (SR C1PT
F	Unk-21 Cg_DNMT1 _F (SR C2PT	Unk-21 Cg_DNMT1 _F (SR C2PT	Unk-21 Cg_DNMT1 _F (SR C2PT	Unk-22 Cg_DNMT1 _F (SR C3PT	Unk-22 Cg_DNMT1 _F (SR C3PT	Unk-22 Cg_DNMT1 _F (SR C3PT	Unk-23 Cg_DNMT1 _F (SR C4PT	Unk-23 Cg_DNMT1 _F (SR C4PT	Unk-23 Cg_DNMT1 _F (SR C4PT	Unk-24 Cg_DNMT1 _F (SR C5PT	Unk-24 Cg_DNMT1 _F (SR C5PT	Unk-24 Cg_DNMT1 _F (SR C5PT
G	Unk-25 Cg_DNMT1 _F (SR D1PT	Unk-25 Cg_DNMT1 _F (SR D1PT	Unk-25 Cg_DNMT1 _F (SR D1PT	Unk-26 Cg_DNMT1 _F (SR D2PT	Unk-26 Cg_DNMT1 _F (SR D2PT	Unk-26 Cg_DNMT1 _F (SR D2PT	Unk-27 Cg_DNMT1 _F (SR D3PT	Unk-27 Cg_DNMT1 _F (SR D3PT	Unk-27 Cg_DNMT1 _F (SR D3PT	Unk-28 Cg_DNMT1 _F (SR D4PT	Unk-28 Cg_DNMT1 _F (SR D4PT	Unk-28 Cg_DNMT1 _F (SR D4PT
H	Unk-29 Cg_DNMT1 _F (SR D5PT	Unk-29 Cg_DNMT1 _F (SR D5PT	Unk-29 Cg_DNMT1 _F (SR D5PT	NTC-1 DNMT1	NTC-1 DNMT1	NTC-1 DNMT1						

Quantification

Step #: 3
Analysis Mode: Fluorophore
Cq Determination: Single Threshold
Baseline Method:
SYBR: Auto Calculated
Threshold Setting:
SYBR: 3032.89, Auto Calculated



Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A01	SYBR	Cg_DNMT1_F (SR	Unkn-01	D2PC	32.60	32.15	0.399
A02	SYBR	Cg_DNMT1_F (SR	Unkn-01	D2PC	32.02	32.15	0.399

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A03	SYBR	Cg_DNMT1_F (SR	Unkn-01	D2PC	31.84	32.15	0.399
A04	SYBR	Cg_DNMT1_F (SR	Unkn-02	D3PC	29.26	29.24	0.025
A05	SYBR	Cg_DNMT1_F (SR	Unkn-02	D3PC	29.22	29.24	0.025
A06	SYBR	Cg_DNMT1_F (SR	Unkn-02	D3PC	29.22	29.24	0.025
A07	SYBR	Cg_DNMT1_F (SR	Unkn-03	D4PC	31.61	31.19	0.648
A08	SYBR	Cg_DNMT1_F (SR	Unkn-03	D4PC	31.52	31.19	0.648
A09	SYBR	Cg_DNMT1_F (SR	Unkn-03	D4PC	30.45	31.19	0.648
A10	SYBR	Cg_DNMT1_F (SR	Unkn-04	D5PC	31.81	31.07	0.877
A11	SYBR	Cg_DNMT1_F (SR	Unkn-04	D5PC	30.10	31.07	0.877
A12	SYBR	Cg_DNMT1_F (SR	Unkn-04	D5PC	31.28	31.07	0.877
B01	SYBR	Cg_DNMT1_F (SR	Unkn-05	D1PM	30.02	29.80	0.197
B02	SYBR	Cg_DNMT1_F (SR	Unkn-05	D1PM	29.64	29.80	0.197
B03	SYBR	Cg_DNMT1_F (SR	Unkn-05	D1PM	29.73	29.80	0.197
B04	SYBR	Cg_DNMT1_F (SR	Unkn-06	D2PM	31.35	31.26	0.174
B05	SYBR	Cg_DNMT1_F (SR	Unkn-06	D2PM	31.06	31.26	0.174
B06	SYBR	Cg_DNMT1_F (SR	Unkn-06	D2PM	31.37	31.26	0.174
B07	SYBR	Cg_DNMT1_F (SR	Unkn-07	D3PM	30.76	30.44	0.273
B08	SYBR	Cg_DNMT1_F (SR	Unkn-07	D3PM	30.30	30.44	0.273
B09	SYBR	Cg_DNMT1_F (SR	Unkn-07	D3PM	30.27	30.44	0.273
B10	SYBR	Cg_DNMT1_F (SR	Unkn-08	D4PM	31.84	32.10	0.699
B11	SYBR	Cg_DNMT1_F (SR	Unkn-08	D4PM	31.57	32.10	0.699
B12	SYBR	Cg_DNMT1_F (SR	Unkn-08	D4PM	32.89	32.10	0.699
C01	SYBR	Cg_DNMT1_F (SR	Unkn-09	D4PM	29.77	29.70	0.171
C02	SYBR	Cg_DNMT1_F (SR	Unkn-09	D4PM	29.82	29.70	0.171
C03	SYBR	Cg_DNMT1_F (SR	Unkn-09	D4PM	29.50	29.70	0.171
C04	SYBR	Cg_DNMT1_F (SR	Unkn-10	A1PT	28.05	27.97	0.069
C05	SYBR	Cg_DNMT1_F (SR	Unkn-10	A1PT	27.94	27.97	0.069
C06	SYBR	Cg_DNMT1_F (SR	Unkn-10	A1PT	27.92	27.97	0.069

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
C07	SYBR	Cg_DNMT1_F (SR	Unkn-11	A2PT	29.13	29.17	0.098
C08	SYBR	Cg_DNMT1_F (SR	Unkn-11	A2PT	29.10	29.17	0.098
C09	SYBR	Cg_DNMT1_F (SR	Unkn-11	A2PT	29.28	29.17	0.098
C10	SYBR	Cg_DNMT1_F (SR	Unkn-12	A3PT	31.37	31.55	0.665
C11	SYBR	Cg_DNMT1_F (SR	Unkn-12	A3PT	31.00	31.55	0.665
C12	SYBR	Cg_DNMT1_F (SR	Unkn-12	A3PT	32.29	31.55	0.665
D01	SYBR	Cg_DNMT1_F (SR	Unkn-13	A4PT	31.26	31.18	0.099
D02	SYBR	Cg_DNMT1_F (SR	Unkn-13	A4PT	31.21	31.18	0.099
D03	SYBR	Cg_DNMT1_F (SR	Unkn-13	A4PT	31.07	31.18	0.099
D04	SYBR	Cg_DNMT1_F (SR	Unkn-14	A5PT	30.48	30.43	0.080
D05	SYBR	Cg_DNMT1_F (SR	Unkn-14	A5PT	30.34	30.43	0.080
D06	SYBR	Cg_DNMT1_F (SR	Unkn-14	A5PT	30.47	30.43	0.080
D07	SYBR	Cg_DNMT1_F (SR	Unkn-15	B1PT	29.75	29.50	0.250
D08	SYBR	Cg_DNMT1_F (SR	Unkn-15	B1PT	29.25	29.50	0.250
D09	SYBR	Cg_DNMT1_F (SR	Unkn-15	B1PT	29.49	29.50	0.250
D10	SYBR	Cg_DNMT1_F (SR	Unkn-16	B2PT	30.39	30.59	0.322
D11	SYBR	Cg_DNMT1_F (SR	Unkn-16	B2PT	30.42	30.59	0.322
D12	SYBR	Cg_DNMT1_F (SR	Unkn-16	B2PT	30.96	30.59	0.322
E01	SYBR	Cg_DNMT1_F (SR	Unkn-17	B3PT	28.26	28.27	0.058
E02	SYBR	Cg_DNMT1_F (SR	Unkn-17	B3PT	28.21	28.27	0.058
E03	SYBR	Cg_DNMT1_F (SR	Unkn-17	B3PT	28.33	28.27	0.058
E04	SYBR	Cg_DNMT1_F (SR	Unkn-18	B4PT	30.97	30.80	0.147
E05	SYBR	Cg_DNMT1_F (SR	Unkn-18	B4PT	30.73	30.80	0.147
E06	SYBR	Cg_DNMT1_F (SR	Unkn-18	B4PT	30.71	30.80	0.147
E07	SYBR	Cg_DNMT1_F (SR	Unkn-19	B5PT	28.74	28.57	0.160
E08	SYBR	Cg_DNMT1_F (SR	Unkn-19	B5PT	28.53	28.57	0.160
E09	SYBR	Cg_DNMT1_F (SR	Unkn-19	B5PT	28.43	28.57	0.160
E10	SYBR	Cg_DNMT1_F (SR	Unkn-20	C1PT	29.44	29.64	0.269

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
E11	SYBR	Cg_DNMT1_F (SR	Unkn-20	C1PT	29.54	29.64	0.269
E12	SYBR	Cg_DNMT1_F (SR	Unkn-20	C1PT	29.95	29.64	0.269
F01	SYBR	Cg_DNMT1_F (SR	Unkn-21	C2PT	30.67	30.28	0.340
F02	SYBR	Cg_DNMT1_F (SR	Unkn-21	C2PT	30.04	30.28	0.340
F03	SYBR	Cg_DNMT1_F (SR	Unkn-21	C2PT	30.13	30.28	0.340
F04	SYBR	Cg_DNMT1_F (SR	Unkn-22	C3PT	30.93	32.06	1.956
F05	SYBR	Cg_DNMT1_F (SR	Unkn-22	C3PT	34.32	32.06	1.956
F06	SYBR	Cg_DNMT1_F (SR	Unkn-22	C3PT	30.93	32.06	1.956
F07	SYBR	Cg_DNMT1_F (SR	Unkn-23	C4PT	31.26	30.85	0.372
F08	SYBR	Cg_DNMT1_F (SR	Unkn-23	C4PT	30.53	30.85	0.372
F09	SYBR	Cg_DNMT1_F (SR	Unkn-23	C4PT	30.75	30.85	0.372
F10	SYBR	Cg_DNMT1_F (SR	Unkn-24	C5PT	N/A	0.00	0.000
F11	SYBR	Cg_DNMT1_F (SR	Unkn-24	C5PT	29.50	29.50	0.000
F12	SYBR	Cg_DNMT1_F (SR	Unkn-24	C5PT	N/A	0.00	0.000
G01	SYBR	Cg_DNMT1_F (SR	Unkn-25	D1PT	28.66	28.41	0.286
G02	SYBR	Cg_DNMT1_F (SR	Unkn-25	D1PT	28.10	28.41	0.286
G03	SYBR	Cg_DNMT1_F (SR	Unkn-25	D1PT	28.48	28.41	0.286
G04	SYBR	Cg_DNMT1_F (SR	Unkn-26	D2PT	30.23	30.22	0.079
G05	SYBR	Cg_DNMT1_F (SR	Unkn-26	D2PT	30.13	30.22	0.079
G06	SYBR	Cg_DNMT1_F (SR	Unkn-26	D2PT	30.29	30.22	0.079
G07	SYBR	Cg_DNMT1_F (SR	Unkn-27	D3PT	28.16	28.11	0.058
G08	SYBR	Cg_DNMT1_F (SR	Unkn-27	D3PT	28.05	28.11	0.058
G09	SYBR	Cg_DNMT1_F (SR	Unkn-27	D3PT	28.11	28.11	0.058
G10	SYBR	Cg_DNMT1_F (SR	Unkn-28	D4PT	28.52	29.36	0.827
G11	SYBR	Cg_DNMT1_F (SR	Unkn-28	D4PT	29.40	29.36	0.827
G12	SYBR	Cg_DNMT1_F (SR	Unkn-28	D4PT	30.17	29.36	0.827
H01	SYBR	Cg_DNMT1_F (SR	Unkn-29	D5PT	28.98	28.90	0.155
H02	SYBR	Cg_DNMT1_F (SR	Unkn-29	D5PT	28.72	28.90	0.155

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
H03	SYBR	Cg_DNMT1_F (SR	Unkn-29	D5PT	29.00	28.90	0.155
H04	SYBR	DNMT1	NTC-01		N/A	0.00	0.000
H05	SYBR	DNMT1	NTC-01		N/A	0.00	0.000
H06	SYBR	DNMT1	NTC-01		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:F10, F12.	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:A7, A8, A9, A10, A11, A12, B10, B11, B12, C10, C11, C12, F4, F5, F6, G10, G11, G12.	False	