sam_2026-01-29_08-24-59_Connect-VIPERIN-03.pcrd

01/29/2026 13:41

Report Information

User: BioRad/sam
Data File Name: sam_2026-01-29_08-24-59_Connect-VIPERIN-03.pcrd
Data File Path: C:\Users\Samb\Desktop\qPCR-polyIC
Well Group Name: All Wells
Report Differs from Last Save: No

Notes

IMPORTANT: Wells B12, C3, E12, F2, F3, G12, and H3 did not have sufficient cDNA and have been EXCLUDED from analysis!

Run Setup

Run Information

Run Date: 01/29/2026 08:25
Run User: sam
Run Type: User-defined
Plate File: mgig-03-VIPERIN-polyIC-valentina-cfx-plate.pltd
ID:
Notes: VIPERIN - Primer SRIDs 1828 and 1829
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

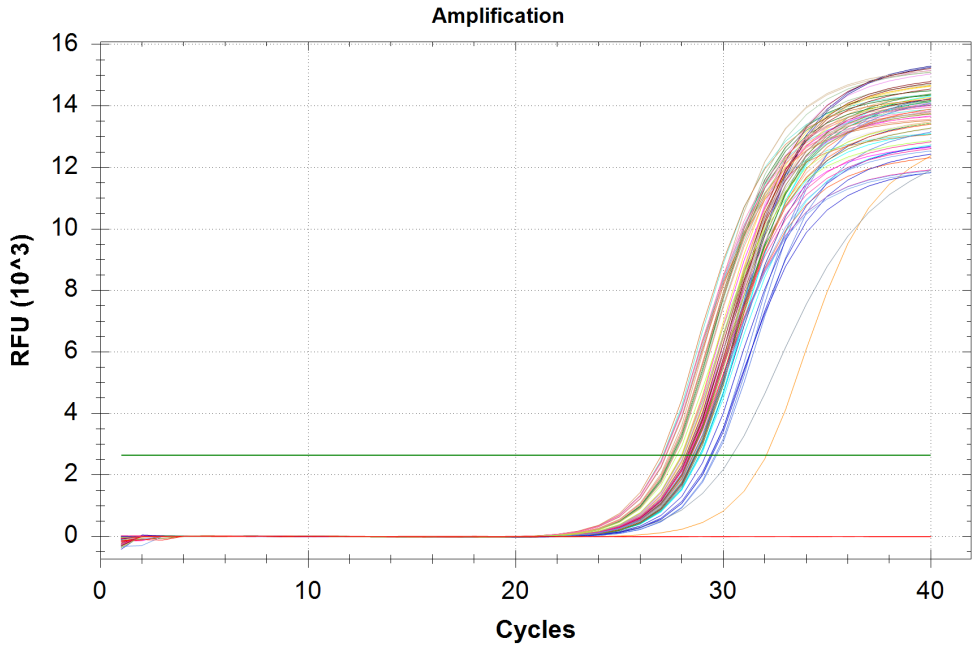
	1	2	3	4	5	6	7	8	9	10	11	12
A	Unk-1 Cg_VIPERIN_F/R D2PC	Unk-1 Cg_VIPERIN_F/R D2PC	Unk-1 Cg_VIPERIN_F/R D2PC	Unk-2 Cg_VIPERIN_F/R D3PC	Unk-2 Cg_VIPERIN_F/R D3PC	Unk-2 Cg_VIPERIN_F/R D3PC	Unk-3 Cg_VIPERIN_F/R D4PC	Unk-3 Cg_VIPERIN_F/R D4PC	Unk-3 Cg_VIPERIN_F/R D4PC	Unk-4 Cg_VIPERIN_F/R D5PC	Unk-4 Cg_VIPERIN_F/R D5PC	Unk-4 Cg_VIPERIN_F/R D5PC
B	Unk-5 Cg_VIPERIN_F/R D1PM	Unk-5 Cg_VIPERIN_F/R D1PM	Unk-5 Cg_VIPERIN_F/R D1PM	Unk-6 Cg_VIPERIN_F/R D2PM	Unk-6 Cg_VIPERIN_F/R D2PM	Unk-6 Cg_VIPERIN_F/R D2PM	Unk-7 Cg_VIPERIN_F/R D3PM	Unk-7 Cg_VIPERIN_F/R D3PM	Unk-7 Cg_VIPERIN_F/R D3PM	Unk-8 Cg_VIPERIN_F/R D4PM	Unk-8 Cg_VIPERIN_F/R D4PM	*Unk-8 Cg_VIPERIN_F/R D4PM

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
C	Unk-9 Cg_VIPERIN_F/R D4PM	Unk-9 Cg_VIPERIN_F/R D4PM	*Unk-9 Cg_VIPERIN_F/R D4PM	Unk-10 Cg_VIPERIN_F/R A1PT	Unk-10 Cg_VIPERIN_F/R A1PT	Unk-10 Cg_VIPERIN_F/R A1PT	Unk-11 Cg_VIPERIN_F/R A2PT	Unk-11 Cg_VIPERIN_F/R A2PT	Unk-11 Cg_VIPERIN_F/R A2PT	Unk-12 Cg_VIPERIN_F/R A3PT	Unk-12 Cg_VIPERIN_F/R A3PT	Unk-12 Cg_VIPERIN_F/R A3PT
D	Unk-13 Cg_VIPERIN_F/R A4PT	Unk-13 Cg_VIPERIN_F/R A4PT	Unk-13 Cg_VIPERIN_F/R A4PT	Unk-14 Cg_VIPERIN_F/R A5PT	Unk-14 Cg_VIPERIN_F/R A5PT	Unk-14 Cg_VIPERIN_F/R A5PT	Unk-15 Cg_VIPERIN_F/R B1PT	Unk-15 Cg_VIPERIN_F/R B1PT	Unk-15 Cg_VIPERIN_F/R B1PT	Unk-16 Cg_VIPERIN_F/R B2PT	Unk-16 Cg_VIPERIN_F/R B2PT	Unk-16 Cg_VIPERIN_F/R B2PT
E	Unk-17 Cg_VIPERIN_F/R B3PT	Unk-17 Cg_VIPERIN_F/R B3PT	Unk-17 Cg_VIPERIN_F/R B3PT	Unk-18 Cg_VIPERIN_F/R B4PT	Unk-18 Cg_VIPERIN_F/R B4PT	Unk-18 Cg_VIPERIN_F/R B4PT	Unk-19 Cg_VIPERIN_F/R B5PT	Unk-19 Cg_VIPERIN_F/R B5PT	Unk-19 Cg_VIPERIN_F/R B5PT	Unk-20 Cg_VIPERIN_F/R C1PT	Unk-20 Cg_VIPERIN_F/R C1PT	*Unk-20 Cg_VIPERIN_F/R C1PT
F	Unk-21 Cg_VIPERIN_F/R C2PT	*Unk-21 Cg_VIPERIN_F/R C2PT	*Unk-21 Cg_VIPERIN_F/R C2PT	Unk-22 Cg_VIPERIN_F/R C3PT	Unk-22 Cg_VIPERIN_F/R C3PT	Unk-22 Cg_VIPERIN_F/R C3PT	Unk-23 Cg_VIPERIN_F/R C4PT	Unk-23 Cg_VIPERIN_F/R C4PT	Unk-23 Cg_VIPERIN_F/R C4PT	Unk-24 Cg_VIPERIN_F/R C5PT	Unk-24 Cg_VIPERIN_F/R C5PT	Unk-24 Cg_VIPERIN_F/R C5PT
G	Unk-25 Cg_VIPERIN_F/R D1PT	Unk-25 Cg_VIPERIN_F/R D1PT	Unk-25 Cg_VIPERIN_F/R D1PT	Unk-26 Cg_VIPERIN_F/R D2PT	Unk-26 Cg_VIPERIN_F/R D2PT	Unk-26 Cg_VIPERIN_F/R D2PT	Unk-27 Cg_VIPERIN_F/R D3PT	Unk-27 Cg_VIPERIN_F/R D3PT	Unk-27 Cg_VIPERIN_F/R D3PT	Unk-28 Cg_VIPERIN_F/R D4PT	Unk-28 Cg_VIPERIN_F/R D4PT	*Unk-28 Cg_VIPERIN_F/R D4PT
H	Unk-29 Cg_VIPERIN_F/R D5PT	*Unk-29 Cg_VIPERIN_F/R D5PT	*Unk-29 Cg_VIPERIN_F/R D5PT	NTC-1 Cg_VIPERIN_F/R	NTC-1 Cg_VIPERIN_F/R	NTC-1 Cg_VIPERIN_F/R						

Quantification

Step #: 3
Analysis Mode: Fluorophore
Cq Determination: Single Threshold
Baseline Method:
SYBR: Auto Calculated
Threshold Setting:
SYBR: 2637.11, Auto Calculated



Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A01	SYBR	Cg_VIPERIN_F/R	Unkn-01	D2PC	28.56	28.46	0.085

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A02	SYBR	Cg_VIPERIN_F/R	Unkn-01	D2PC	28.41	28.46	0.085
A03	SYBR	Cg_VIPERIN_F/R	Unkn-01	D2PC	28.42	28.46	0.085
A04	SYBR	Cg_VIPERIN_F/R	Unkn-02	D3PC	28.36	28.27	0.078
A05	SYBR	Cg_VIPERIN_F/R	Unkn-02	D3PC	28.23	28.27	0.078
A06	SYBR	Cg_VIPERIN_F/R	Unkn-02	D3PC	28.22	28.27	0.078
A07	SYBR	Cg_VIPERIN_F/R	Unkn-03	D4PC	27.51	27.55	0.031
A08	SYBR	Cg_VIPERIN_F/R	Unkn-03	D4PC	27.56	27.55	0.031
A09	SYBR	Cg_VIPERIN_F/R	Unkn-03	D4PC	27.57	27.55	0.031
A10	SYBR	Cg_VIPERIN_F/R	Unkn-04	D5PC	27.23	27.14	0.073
A11	SYBR	Cg_VIPERIN_F/R	Unkn-04	D5PC	27.09	27.14	0.073
A12	SYBR	Cg_VIPERIN_F/R	Unkn-04	D5PC	27.11	27.14	0.073
B01	SYBR	Cg_VIPERIN_F/R	Unkn-05	D1PM	28.30	28.27	0.029
B02	SYBR	Cg_VIPERIN_F/R	Unkn-05	D1PM	28.25	28.27	0.029
B03	SYBR	Cg_VIPERIN_F/R	Unkn-05	D1PM	28.26	28.27	0.029
B04	SYBR	Cg_VIPERIN_F/R	Unkn-06	D2PM	28.84	28.73	0.105
B05	SYBR	Cg_VIPERIN_F/R	Unkn-06	D2PM	28.64	28.73	0.105
B06	SYBR	Cg_VIPERIN_F/R	Unkn-06	D2PM	28.70	28.73	0.105
B07	SYBR	Cg_VIPERIN_F/R	Unkn-07	D3PM	27.39	27.42	0.067
B08	SYBR	Cg_VIPERIN_F/R	Unkn-07	D3PM	27.38	27.42	0.067
B09	SYBR	Cg_VIPERIN_F/R	Unkn-07	D3PM	27.50	27.42	0.067
B10	SYBR	Cg_VIPERIN_F/R	Unkn-08	D4PM	28.84	28.87	0.037
B11	SYBR	Cg_VIPERIN_F/R	Unkn-08	D4PM	28.90	28.87	0.037
C01	SYBR	Cg_VIPERIN_F/R	Unkn-09	D4PM	28.91	28.65	0.373
C02	SYBR	Cg_VIPERIN_F/R	Unkn-09	D4PM	28.38	28.65	0.373
C04	SYBR	Cg_VIPERIN_F/R	Unkn-10	A1PT	28.12	28.08	0.090
C05	SYBR	Cg_VIPERIN_F/R	Unkn-10	A1PT	27.98	28.08	0.090
C06	SYBR	Cg_VIPERIN_F/R	Unkn-10	A1PT	28.14	28.08	0.090
C07	SYBR	Cg_VIPERIN_F/R	Unkn-11	A2PT	28.75	28.68	0.070
C08	SYBR	Cg_VIPERIN_F/R	Unkn-11	A2PT	28.61	28.68	0.070
C09	SYBR	Cg_VIPERIN_F/R	Unkn-11	A2PT	28.67	28.68	0.070
C10	SYBR	Cg_VIPERIN_F/R	Unkn-12	A3PT	28.01	28.10	0.093
C11	SYBR	Cg_VIPERIN_F/R	Unkn-12	A3PT	28.09	28.10	0.093
C12	SYBR	Cg_VIPERIN_F/R	Unkn-12	A3PT	28.20	28.10	0.093
D01	SYBR	Cg_VIPERIN_F/R	Unkn-13	A4PT	27.25	27.13	0.119
D02	SYBR	Cg_VIPERIN_F/R	Unkn-13	A4PT	27.12	27.13	0.119
D03	SYBR	Cg_VIPERIN_F/R	Unkn-13	A4PT	27.01	27.13	0.119
D04	SYBR	Cg_VIPERIN_F/R	Unkn-14	A5PT	27.63	27.61	0.028
D05	SYBR	Cg_VIPERIN_F/R	Unkn-14	A5PT	27.58	27.61	0.028
D06	SYBR	Cg_VIPERIN_F/R	Unkn-14	A5PT	27.61	27.61	0.028
D07	SYBR	Cg_VIPERIN_F/R	Unkn-15	B1PT	28.31	28.33	0.047
D08	SYBR	Cg_VIPERIN_F/R	Unkn-15	B1PT	28.30	28.33	0.047
D09	SYBR	Cg_VIPERIN_F/R	Unkn-15	B1PT	28.39	28.33	0.047
D10	SYBR	Cg_VIPERIN_F/R	Unkn-16	B2PT	28.44	28.44	0.017
D11	SYBR	Cg_VIPERIN_F/R	Unkn-16	B2PT	28.42	28.44	0.017
D12	SYBR	Cg_VIPERIN_F/R	Unkn-16	B2PT	28.45	28.44	0.017
E01	SYBR	Cg_VIPERIN_F/R	Unkn-17	B3PT	27.65	27.51	0.115
E02	SYBR	Cg_VIPERIN_F/R	Unkn-17	B3PT	27.44	27.51	0.115
E03	SYBR	Cg_VIPERIN_F/R	Unkn-17	B3PT	27.45	27.51	0.115
E04	SYBR	Cg_VIPERIN_F/R	Unkn-18	B4PT	28.15	28.18	0.031

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
E05	SYBR	Cg_VIPERIN_F/R	Unkn-18	B4PT	28.21	28.18	0.031
E06	SYBR	Cg_VIPERIN_F/R	Unkn-18	B4PT	28.18	28.18	0.031
E07	SYBR	Cg_VIPERIN_F/R	Unkn-19	B5PT	29.60	29.56	0.131
E08	SYBR	Cg_VIPERIN_F/R	Unkn-19	B5PT	29.67	29.56	0.131
E09	SYBR	Cg_VIPERIN_F/R	Unkn-19	B5PT	29.41	29.56	0.131
E10	SYBR	Cg_VIPERIN_F/R	Unkn-20	C1PT	28.20	28.23	0.047
E11	SYBR	Cg_VIPERIN_F/R	Unkn-20	C1PT	28.26	28.23	0.047
F01	SYBR	Cg_VIPERIN_F/R	Unkn-21	C2PT	32.07	32.07	0.000
F04	SYBR	Cg_VIPERIN_F/R	Unkn-22	C3PT	28.22	28.12	0.097
F05	SYBR	Cg_VIPERIN_F/R	Unkn-22	C3PT	28.03	28.12	0.097
F06	SYBR	Cg_VIPERIN_F/R	Unkn-22	C3PT	28.09	28.12	0.097
F07	SYBR	Cg_VIPERIN_F/R	Unkn-23	C4PT	27.12	27.16	0.052
F08	SYBR	Cg_VIPERIN_F/R	Unkn-23	C4PT	27.22	27.16	0.052
F09	SYBR	Cg_VIPERIN_F/R	Unkn-23	C4PT	27.15	27.16	0.052
F10	SYBR	Cg_VIPERIN_F/R	Unkn-24	C5PT	28.53	28.59	0.086
F11	SYBR	Cg_VIPERIN_F/R	Unkn-24	C5PT	28.69	28.59	0.086
F12	SYBR	Cg_VIPERIN_F/R	Unkn-24	C5PT	28.55	28.59	0.086
G01	SYBR	Cg_VIPERIN_F/R	Unkn-25	D1PT	29.46	29.33	0.159
G02	SYBR	Cg_VIPERIN_F/R	Unkn-25	D1PT	29.38	29.33	0.159
G03	SYBR	Cg_VIPERIN_F/R	Unkn-25	D1PT	29.15	29.33	0.159
G04	SYBR	Cg_VIPERIN_F/R	Unkn-26	D2PT	28.44	28.36	0.070
G05	SYBR	Cg_VIPERIN_F/R	Unkn-26	D2PT	28.30	28.36	0.070
G06	SYBR	Cg_VIPERIN_F/R	Unkn-26	D2PT	28.34	28.36	0.070
G07	SYBR	Cg_VIPERIN_F/R	Unkn-27	D3PT	28.62	28.55	0.056
G08	SYBR	Cg_VIPERIN_F/R	Unkn-27	D3PT	28.52	28.55	0.056
G09	SYBR	Cg_VIPERIN_F/R	Unkn-27	D3PT	28.53	28.55	0.056
G10	SYBR	Cg_VIPERIN_F/R	Unkn-28	D4PT	27.76	27.88	0.170
G11	SYBR	Cg_VIPERIN_F/R	Unkn-28	D4PT	28.00	27.88	0.170
H01	SYBR	Cg_VIPERIN_F/R	Unkn-29	D5PT	30.42	30.42	0.000
H04	SYBR	Cg_VIPERIN_F/R	NTC-01		N/A	0.00	0.000
H05	SYBR	Cg_VIPERIN_F/R	NTC-01		N/A	0.00	0.000
H06	SYBR	Cg_VIPERIN_F/R	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	

Data

Description	Value	Use	Results	Exclude Wells	All excluded wells
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	