sam_2026-01-29_07-21-16_Connect-VIPERIN-01.pcrd

01/29/2026 13:36

Report Information

User: BioRad/sam
Data File Name: sam_2026-01-29_07-21-16_Connect-VIPERIN-01.pcrd
Data File Path: C:\Users\Samb\Desktop\qPCR-polyIC
Well Group Name: All Wells
Report Differs from Last Save: No

Notes

IMPORTANT: WELLS A3 & C12 did not have sufficient cDNA to load and have been EXCLUDED from analysis!

Run Setup

Run Information

Run Date: 01/29/2026 07:21
Run User: sam
Run Type: User-defined
Plate File: mgig-01-VIPERIN-polyIC-valentina-cfx-plate.pltd
ID:
Notes: VIPERIN - Primer SRIDs 1828 and 1829

IMPORTANT: WELLS A3 & C12 did not have sufficient cDNA to load and have been EXCLUDED from analysis!
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

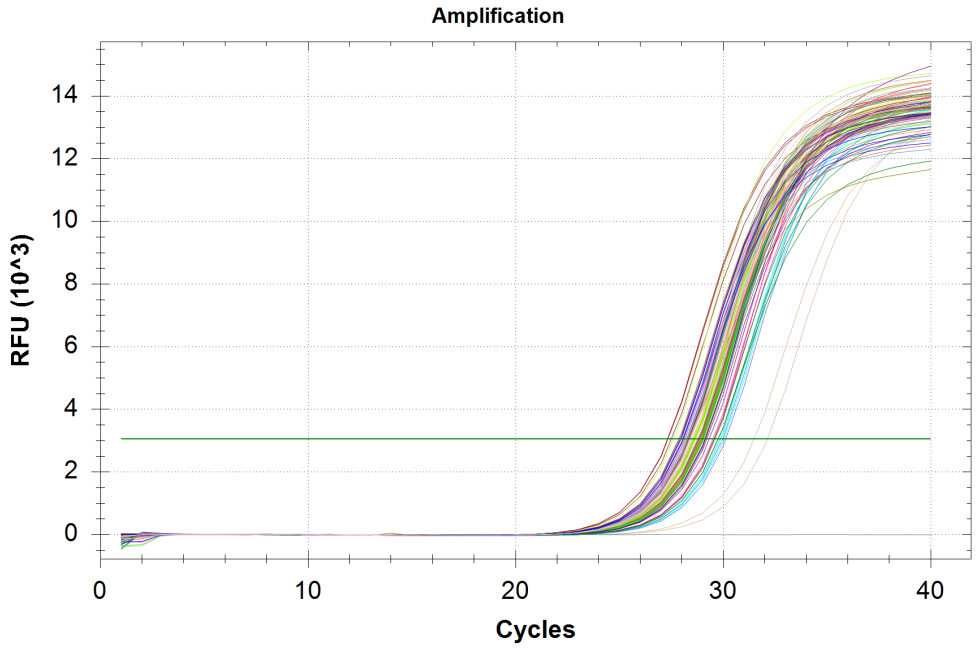
	1	2	3	4	5	6	7	8	9	10	11	12
A	Unk-1 VIPERIN A1C	Unk-1 VIPERIN A1C	*Unk-1 VIPERIN A1C	Unk-2 VIPERIN A2C	Unk-2 VIPERIN A2C	Unk-2 VIPERIN A2C	Unk-3 VIPERIN A3C	Unk-3 VIPERIN A3C	Unk-3 VIPERIN A3C	Unk-4 VIPERIN A4C	Unk-4 VIPERIN A4C	Unk-4 VIPERIN A4C

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
B	Unk-5 VIPERIN A5C	Unk-5 VIPERIN A5C	Unk-5 VIPERIN A5C	Unk-6 VIPERIN B1C	Unk-6 VIPERIN B1C	Unk-6 VIPERIN B1C	Unk-7 VIPERIN B2C	Unk-7 VIPERIN B2C	Unk-7 VIPERIN B2C	Unk-8 VIPERIN B3C	Unk-8 VIPERIN B3C	Unk-8 VIPERIN B3C
C	Unk-9 VIPERIN B4C	Unk-9 VIPERIN B4C	Unk-9 VIPERIN B4C	Unk-10 VIPERIN B5C	Unk-10 VIPERIN B5C	Unk-10 VIPERIN B5C	Unk-11 VIPERIN C1C	Unk-11 VIPERIN C1C	Unk-11 VIPERIN C1C	Unk-12 VIPERIN C2C	Unk-12 VIPERIN C2C	*Unk-12 VIPERIN C2C
D	Unk-13 VIPERIN C3C	Unk-13 VIPERIN C3C	Unk-13 VIPERIN C3C	Unk-14 VIPERIN C4C	Unk-14 VIPERIN C4C	Unk-14 VIPERIN C4C	Unk-15 VIPERIN C5C	Unk-15 VIPERIN C5C	Unk-15 VIPERIN C5C	Unk-16 VIPERIN D1C	Unk-16 VIPERIN D1C	Unk-16 VIPERIN D1C
E	Unk-17 VIPERIN D2C	Unk-17 VIPERIN D2C	Unk-17 VIPERIN D2C	Unk-18 VIPERIN D3C	Unk-18 VIPERIN D3C	Unk-18 VIPERIN D3C	Unk-19 VIPERIN D4C	Unk-19 VIPERIN D4C	Unk-19 VIPERIN D4C	Unk-20 VIPERIN D5C	Unk-20 VIPERIN D5C	Unk-20 VIPERIN D5C
F	Unk-21 VIPERIN A1M	Unk-21 VIPERIN A1M	Unk-21 VIPERIN A1M	Unk-22 VIPERIN A2M	Unk-22 VIPERIN A2M	Unk-22 VIPERIN A2M	Unk-23 VIPERIN A3M	Unk-23 VIPERIN A3M	Unk-23 VIPERIN A3M	Unk-24 VIPERIN A4M	Unk-24 VIPERIN A4M	Unk-24 VIPERIN A4M
G	Unk-25 VIPERIN A5M	Unk-25 VIPERIN A5M	Unk-25 VIPERIN A5M	Unk-26 VIPERIN B1M	Unk-26 VIPERIN B1M	Unk-26 VIPERIN B1M	Unk-27 VIPERIN B2M	Unk-27 VIPERIN B2M	Unk-27 VIPERIN B2M	Unk-28 VIPERIN B3M	Unk-28 VIPERIN B3M	Unk-28 VIPERIN B3M
H	Unk-29 VIPERIN B4M	Unk-29 VIPERIN B4M	Unk-29 VIPERIN B4M	Unk-30 VIPERIN B5M	Unk-30 VIPERIN B5M	Unk-30 VIPERIN B5M	Unk-31 VIPERIN C1M	Unk-31 VIPERIN C1M	Unk-31 VIPERIN C1M	Unk-32 VIPERIN C2M	Unk-32 VIPERIN C2M	Unk-32 VIPERIN C2M

Quantification

Step #: 3
Analysis Mode: Fluorophore
Cq Determination: Single Threshold
Baseline Method:
SYBR: Auto Calculated
Threshold Setting:
SYBR: 3061.55, Auto Calculated



Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A01	SYBR	VIPERIN	Unkn-01	A1C	32.13	31.80	0.460
A02	SYBR	VIPERIN	Unkn-01	A1C	31.48	31.80	0.460

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A04	SYBR	VIPERIN	Unkn-02	A2C	30.05	29.93	0.111
A05	SYBR	VIPERIN	Unkn-02	A2C	29.89	29.93	0.111
A06	SYBR	VIPERIN	Unkn-02	A2C	29.84	29.93	0.111
A07	SYBR	VIPERIN	Unkn-03	A3C	28.59	28.61	0.062
A08	SYBR	VIPERIN	Unkn-03	A3C	28.67	28.61	0.062
A09	SYBR	VIPERIN	Unkn-03	A3C	28.55	28.61	0.062
A10	SYBR	VIPERIN	Unkn-04	A4C	29.12	29.11	0.052
A11	SYBR	VIPERIN	Unkn-04	A4C	29.05	29.11	0.052
A12	SYBR	VIPERIN	Unkn-04	A4C	29.15	29.11	0.052
B01	SYBR	VIPERIN	Unkn-05	A5C	27.94	28.06	0.111
B02	SYBR	VIPERIN	Unkn-05	A5C	28.10	28.06	0.111
B03	SYBR	VIPERIN	Unkn-05	A5C	28.15	28.06	0.111
B04	SYBR	VIPERIN	Unkn-06	B1C	28.80	28.76	0.127
B05	SYBR	VIPERIN	Unkn-06	B1C	28.62	28.76	0.127
B06	SYBR	VIPERIN	Unkn-06	B1C	28.86	28.76	0.127
B07	SYBR	VIPERIN	Unkn-07	B2C	28.78	28.81	0.052
B08	SYBR	VIPERIN	Unkn-07	B2C	28.87	28.81	0.052
B09	SYBR	VIPERIN	Unkn-07	B2C	28.77	28.81	0.052
B10	SYBR	VIPERIN	Unkn-08	B3C	28.32	28.32	0.026
B11	SYBR	VIPERIN	Unkn-08	B3C	28.34	28.32	0.026
B12	SYBR	VIPERIN	Unkn-08	B3C	28.29	28.32	0.026
C01	SYBR	VIPERIN	Unkn-09	B4C	28.38	28.30	0.078
C02	SYBR	VIPERIN	Unkn-09	B4C	28.29	28.30	0.078
C03	SYBR	VIPERIN	Unkn-09	B4C	28.23	28.30	0.078
C04	SYBR	VIPERIN	Unkn-10	B5C	28.40	28.45	0.135
C05	SYBR	VIPERIN	Unkn-10	B5C	28.36	28.45	0.135
C06	SYBR	VIPERIN	Unkn-10	B5C	28.61	28.45	0.135
C07	SYBR	VIPERIN	Unkn-11	C1C	29.00	28.98	0.110
C08	SYBR	VIPERIN	Unkn-11	C1C	29.08	28.98	0.110
C09	SYBR	VIPERIN	Unkn-11	C1C	28.86	28.98	0.110
C10	SYBR	VIPERIN	Unkn-12	C2C	29.98	30.05	0.099
C11	SYBR	VIPERIN	Unkn-12	C2C	30.12	30.05	0.099
D01	SYBR	VIPERIN	Unkn-13	C3C	27.50	27.38	0.100
D02	SYBR	VIPERIN	Unkn-13	C3C	27.33	27.38	0.100
D03	SYBR	VIPERIN	Unkn-13	C3C	27.31	27.38	0.100
D04	SYBR	VIPERIN	Unkn-14	C4C	28.94	29.00	0.055
D05	SYBR	VIPERIN	Unkn-14	C4C	28.99	29.00	0.055
D06	SYBR	VIPERIN	Unkn-14	C4C	29.05	29.00	0.055
D07	SYBR	VIPERIN	Unkn-15	C5C	28.23	28.22	0.053
D08	SYBR	VIPERIN	Unkn-15	C5C	28.27	28.22	0.053
D09	SYBR	VIPERIN	Unkn-15	C5C	28.16	28.22	0.053
D10	SYBR	VIPERIN	Unkn-16	D1C	28.83	28.84	0.012
D11	SYBR	VIPERIN	Unkn-16	D1C	28.85	28.84	0.012
D12	SYBR	VIPERIN	Unkn-16	D1C	28.83	28.84	0.012
E01	SYBR	VIPERIN	Unkn-17	D2C	28.83	28.88	0.047
E02	SYBR	VIPERIN	Unkn-17	D2C	28.89	28.88	0.047
E03	SYBR	VIPERIN	Unkn-17	D2C	28.92	28.88	0.047
E04	SYBR	VIPERIN	Unkn-18	D3C	29.02	29.06	0.060
E05	SYBR	VIPERIN	Unkn-18	D3C	29.03	29.06	0.060

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
E06	SYBR	VIPERIN	Unkn-18	D3C	29.13	29.06	0.060
E07	SYBR	VIPERIN	Unkn-19	D4C	29.56	29.55	0.051
E08	SYBR	VIPERIN	Unkn-19	D4C	29.60	29.55	0.051
E09	SYBR	VIPERIN	Unkn-19	D4C	29.50	29.55	0.051
E10	SYBR	VIPERIN	Unkn-20	D5C	28.24	28.20	0.094
E11	SYBR	VIPERIN	Unkn-20	D5C	28.09	28.20	0.094
E12	SYBR	VIPERIN	Unkn-20	D5C	28.26	28.20	0.094
F01	SYBR	VIPERIN	Unkn-21	A1M	28.10	27.84	0.256
F02	SYBR	VIPERIN	Unkn-21	A1M	27.59	27.84	0.256
F03	SYBR	VIPERIN	Unkn-21	A1M	27.83	27.84	0.256
F04	SYBR	VIPERIN	Unkn-22	A2M	28.50	28.43	0.098
F05	SYBR	VIPERIN	Unkn-22	A2M	28.37	28.43	0.098
F06	SYBR	VIPERIN	Unkn-22	A2M	N/A	0.00	0.000
F07	SYBR	VIPERIN	Unkn-23	A3M	28.40	28.37	0.047
F08	SYBR	VIPERIN	Unkn-23	A3M	28.38	28.37	0.047
F09	SYBR	VIPERIN	Unkn-23	A3M	28.31	28.37	0.047
F10	SYBR	VIPERIN	Unkn-24	A4M	28.57	28.62	0.048
F11	SYBR	VIPERIN	Unkn-24	A4M	28.67	28.62	0.048
F12	SYBR	VIPERIN	Unkn-24	A4M	28.62	28.62	0.048
G01	SYBR	VIPERIN	Unkn-25	A5M	27.94	27.93	0.050
G02	SYBR	VIPERIN	Unkn-25	A5M	27.98	27.93	0.050
G03	SYBR	VIPERIN	Unkn-25	A5M	27.88	27.93	0.050
G04	SYBR	VIPERIN	Unkn-26	B1M	28.80	28.87	0.089
G05	SYBR	VIPERIN	Unkn-26	B1M	28.97	28.87	0.089
G06	SYBR	VIPERIN	Unkn-26	B1M	28.85	28.87	0.089
G07	SYBR	VIPERIN	Unkn-27	B2M	28.42	28.40	0.022
G08	SYBR	VIPERIN	Unkn-27	B2M	28.41	28.40	0.022
G09	SYBR	VIPERIN	Unkn-27	B2M	28.38	28.40	0.022
G10	SYBR	VIPERIN	Unkn-28	B3M	29.02	29.00	0.044
G11	SYBR	VIPERIN	Unkn-28	B3M	28.95	29.00	0.044
G12	SYBR	VIPERIN	Unkn-28	B3M	29.03	29.00	0.044
H01	SYBR	VIPERIN	Unkn-29	B4M	29.32	29.21	0.103
H02	SYBR	VIPERIN	Unkn-29	B4M	29.12	29.21	0.103
H03	SYBR	VIPERIN	Unkn-29	B4M	29.21	29.21	0.103
H04	SYBR	VIPERIN	Unkn-30	B5M	29.56	29.69	0.110
H05	SYBR	VIPERIN	Unkn-30	B5M	29.75	29.69	0.110
H06	SYBR	VIPERIN	Unkn-30	B5M	29.75	29.69	0.110
H07	SYBR	VIPERIN	Unkn-31	C1M	28.23	28.12	0.096
H08	SYBR	VIPERIN	Unkn-31	C1M	28.08	28.12	0.096
H09	SYBR	VIPERIN	Unkn-31	C1M	28.05	28.12	0.096
H10	SYBR	VIPERIN	Unkn-32	C2M	28.49	28.33	0.148
H11	SYBR	VIPERIN	Unkn-32	C2M	28.26	28.33	0.148
H12	SYBR	VIPERIN	Unkn-32	C2M	28.22	28.33	0.148

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:F6.	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	