



# sam\_2024-12-12\_07-28-06\_Connect-VIPERIN-01.pcrd

12/12/2024 22:35

## Report Information

User: BioRad/sam  
Data File Name: sam\_2024-12-12\_07-28-06\_Connect-VIPERIN-01.pcrd  
Data File Path: C:\Users\Samb\Downloads\lifestage-pcrs  
Well Group Name: All Wells  
Report Differs from Last Save: No

## Run Setup

### Run Information

Run Date: 12/12/2024 07:28  
Run User: sam  
Run Type: User-defined  
Plate File: cgig-VIPERIN-cfx-plate-01.pltd  
ID:  
Notes:  
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

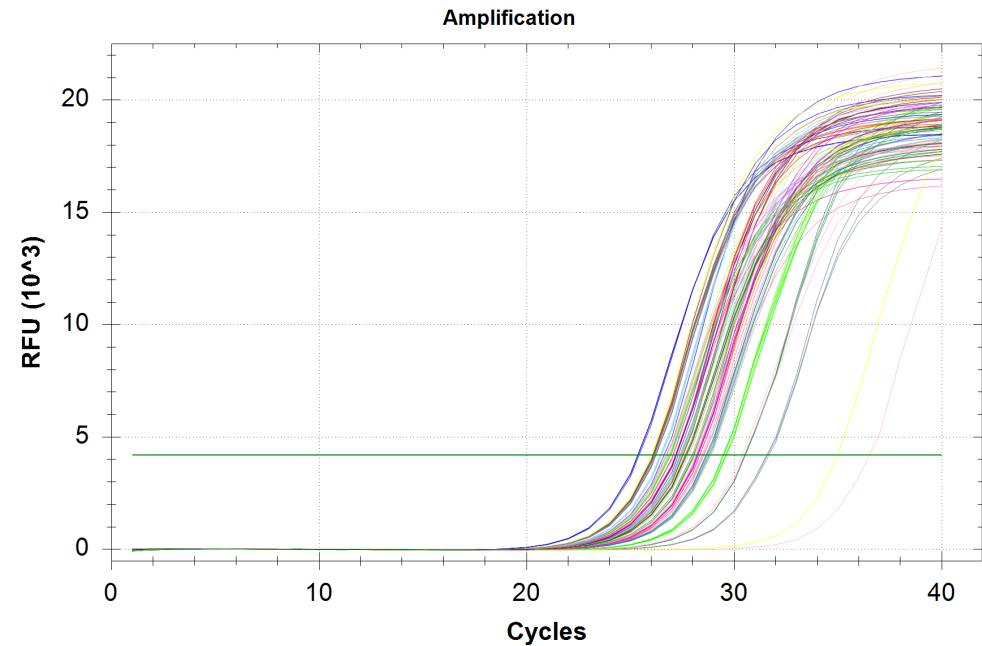
	1	2	3	4	5	6	7	8	9	10	11	12
A	Unk-1 Cg_VIPERIN_F/R (SR IDs: 1828/9) 201	Unk-1 Cg_VIPERIN_F/R (SR IDs: 1828/9) 201	Unk-1 Cg_VIPERIN_F/R (SR IDs: 1828/9) 201	Unk-2 Cg_VIPERIN_F/R (SR IDs: 1828/9) 202	Unk-2 Cg_VIPERIN_F/R (SR IDs: 1828/9) 202	Unk-2 Cg_VIPERIN_F/R (SR IDs: 1828/9) 202	Unk-3 Cg_VIPERIN_F/R (SR IDs: 1828/9) 203	Unk-3 Cg_VIPERIN_F/R (SR IDs: 1828/9) 203	Unk-3 Cg_VIPERIN_F/R (SR IDs: 1828/9) 203	Unk-4 Cg_VIPERIN_F/R (SR IDs: 1828/9) 204	Unk-4 Cg_VIPERIN_F/R (SR IDs: 1828/9) 204	Unk-4 Cg_VIPERIN_F/R (SR IDs: 1828/9) 204
B	Unk-5 Cg_VIPERIN_F/R (SR IDs: 1828/9) 205	Unk-5 Cg_VIPERIN_F/R (SR IDs: 1828/9) 205	Unk-5 Cg_VIPERIN_F/R (SR IDs: 1828/9) 205	Unk-6 Cg_VIPERIN_F/R (SR IDs: 1828/9) 207	Unk-6 Cg_VIPERIN_F/R (SR IDs: 1828/9) 207	Unk-6 Cg_VIPERIN_F/R (SR IDs: 1828/9) 207	Unk-7 Cg_VIPERIN_F/R (SR IDs: 1828/9) 208	Unk-7 Cg_VIPERIN_F/R (SR IDs: 1828/9) 208	Unk-7 Cg_VIPERIN_F/R (SR IDs: 1828/9) 208	Unk-8 Cg_VIPERIN_F/R (SR IDs: 1828/9) 209	Unk-8 Cg_VIPERIN_F/R (SR IDs: 1828/9) 209	Unk-8 Cg_VIPERIN_F/R (SR IDs: 1828/9) 209

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
C	Unk-9 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 213	Unk-9 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 213	Unk-9 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 213	Unk-10 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 214	Unk-10 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 214	Unk-10 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 214	Unk-11 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 216	Unk-11 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 216	Unk-11 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 216	Unk-12 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 219	Unk-12 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 219	Unk-12 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 219
D	Unk-13 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 227	Unk-13 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 227	Unk-13 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 227	Unk-14 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 229	Unk-14 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 229	Unk-14 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 229	Unk-15 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 230	Unk-15 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 230	Unk-15 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 230	Unk-16 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 231	Unk-16 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 231	Unk-16 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 231
E	Unk-17 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 232	Unk-17 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 232	Unk-17 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 232	Unk-18 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 233	Unk-18 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 233	Unk-18 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 233	Unk-19 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 235	Unk-19 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 235	Unk-19 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 235	Unk-20 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 236	Unk-20 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 236	Unk-20 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 236
F	Unk-21 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 237	Unk-21 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 237	Unk-21 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 237	Unk-22 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 238	Unk-22 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 238	Unk-22 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 238	Unk-23 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 239	Unk-23 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 239	Unk-23 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 239	Unk-24 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 240	Unk-24 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 240	Unk-24 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 240
G	Unk-25 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 241	Unk-25 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 241	Unk-25 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 241	Unk-26 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 245	Unk-26 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 245	Unk-26 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 245	Unk-27 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 248	Unk-27 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 248	Unk-27 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 248	Unk-28 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 250	Unk-28 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 250	Unk-28 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 250
H	Unk-29 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 252	Unk-29 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 252	Unk-29 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 252	Unk-30 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 258	Unk-30 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 258	Unk-30 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 258	Unk-31 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 263	Unk-31 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 263	Unk-31 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 263	Unk-32 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 268	Unk-32 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 268	Unk-32 Cg_VIPER1 N_F/R (SR IDs: 1828/9) 268

Quantification

Step #: 3  
Analysis Mode: Fluorophore  
Cq Determination: Single Threshold  
Baseline Method:  
SYBR: Auto Calculated  
Threshold Setting:  
SYBR: 4210.47, Auto Calculated



## Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A01	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-01	201	28.83	28.81	0.073
A02	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-01	201	28.73	28.81	0.073
A03	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-01	201	28.87	28.81	0.073
A04	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-02	202	28.45	28.50	0.045
A05	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-02	202	28.54	28.50	0.045
A06	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-02	202	28.51	28.50	0.045
A07	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-03	203	26.10	26.10	0.003
A08	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-03	203	26.10	26.10	0.003
A09	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-03	203	26.10	26.10	0.003
A10	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-04	204	25.42	25.38	0.036
A11	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-04	204	25.35	25.38	0.036
A12	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-04	204	25.37	25.38	0.036
B01	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-05	205	27.18	27.19	0.014
B02	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-05	205	27.18	27.19	0.014
B03	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-05	205	27.21	27.19	0.014
B04	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-06	207	27.41	27.42	0.033
B05	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-06	207	27.39	27.42	0.033
B06	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-06	207	27.45	27.42	0.033
B07	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-07	208	26.82	26.82	0.062
B08	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-07	208	26.88	26.82	0.062
B09	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-07	208	26.75	26.82	0.062
B10	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-08	209	31.57	31.62	0.054
B11	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-08	209	31.68	31.62	0.054
B12	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-08	209	31.61	31.62	0.054
C01	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-09	213	30.53	30.53	0.010
C02	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-09	213	30.53	30.53	0.010
C03	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-09	213	30.51	30.53	0.010

## Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
C04	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-10	214	29.49	29.57	0.070
C05	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-10	214	29.58	29.57	0.070
C06	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-10	214	29.63	29.57	0.070
C07	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-11	216	27.22	27.23	0.063
C08	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-11	216	27.30	27.23	0.063
C09	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-11	216	27.18	27.23	0.063
C10	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-12	219	26.16	26.14	0.018
C11	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-12	219	26.14	26.14	0.018
C12	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-12	219	26.13	26.14	0.018
D01	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-13	227	30.48	32.46	3.515
D02	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-13	227	30.38	32.46	3.515
D03	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-13	227	36.52	32.46	3.515
D04	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-14	229	29.50	29.53	0.079
D05	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-14	229	29.62	29.53	0.079
D06	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-14	229	29.47	29.53	0.079
D07	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-15	230	28.25	28.25	0.003
D08	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-15	230	28.25	28.25	0.003
D09	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-15	230	28.25	28.25	0.003
D10	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-16	231	27.97	28.03	0.050
D11	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-16	231	28.04	28.03	0.050
D12	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-16	231	28.07	28.03	0.050
E01	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-17	232	26.22	26.31	0.282
E02	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-17	232	26.08	26.31	0.282
E03	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-17	232	26.63	26.31	0.282
E04	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-18	233	28.00	28.07	0.068
E05	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-18	233	28.09	28.07	0.068
E06	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-18	233	28.13	28.07	0.068
E07	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-19	235	27.54	27.51	0.041

## Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
E08	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-19	235	27.51	27.51	0.041
E09	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-19	235	27.46	27.51	0.041
E10	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-20	236	27.07	27.06	0.008
E11	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-20	236	27.06	27.06	0.008
E12	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-20	236	27.05	27.06	0.008
F01	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-21	237	27.80	27.73	0.058
F02	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-21	237	27.70	27.73	0.058
F03	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-21	237	27.70	27.73	0.058
F04	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-22	238	28.65	28.70	0.069
F05	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-22	238	28.69	28.70	0.069
F06	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-22	238	28.78	28.70	0.069
F07	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-23	239	28.33	28.30	0.060
F08	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-23	239	28.33	28.30	0.060
F09	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-23	239	28.23	28.30	0.060
F10	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-24	240	27.46	27.47	0.017
F11	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-24	240	27.45	27.47	0.017
F12	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-24	240	27.48	27.47	0.017
G01	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-25	241	28.23	28.25	0.080
G02	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-25	241	28.19	28.25	0.080
G03	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-25	241	28.34	28.25	0.080
G04	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-26	245	26.06	29.02	5.164
G05	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-26	245	34.98	29.02	5.164
G06	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-26	245	26.02	29.02	5.164
G07	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-27	248	26.51	26.47	0.036
G08	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-27	248	26.47	26.47	0.036
G09	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-27	248	26.43	26.47	0.036
G10	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-28	250	26.24	26.22	0.015
G11	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-28	250	26.22	26.22	0.015

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
G12	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-28	250	26.21	26.22	0.015
H01	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-29	252	26.95	26.92	0.038
H02	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-29	252	26.93	26.92	0.038
H03	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-29	252	26.88	26.92	0.038
H04	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-30	258	27.64	27.70	0.083
H05	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-30	258	27.65	27.70	0.083
H06	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-30	258	27.79	27.70	0.083
H07	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-31	263	26.72	26.84	0.181
H08	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-31	263	26.76	26.84	0.181
H09	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-31	263	27.05	26.84	0.181
H10	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-32	268	27.71	27.68	0.031
H11	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-32	268	27.65	27.68	0.031
H12	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-32	268	27.70	27.68	0.031

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	

Data

Description	Value	Use	Results	Exclude Wells	All excluded wells
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:D1, D2, D3, G4, G5, G6.	False	