sam_2024-12-12_07-44-41_CFX96-VIPERIN-02.pcrd

12/12/2024 22:36

Report Information

User: BioRad/sam
Data File Name: sam_2024-12-12_07-44-41_CFX96-VIPERIN-02.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 07:44
Run User: sam
Run Type: User-defined
Plate File: cgig-VIPERIN-cfx-plate-02.pltd
ID:
Notes:
Sample Volume: 20
Temperature Control Mode: Calculated
Lid Temperature: 105
Base Serial Number: CC009827
Optical Head Serial Number: 785BR3659

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

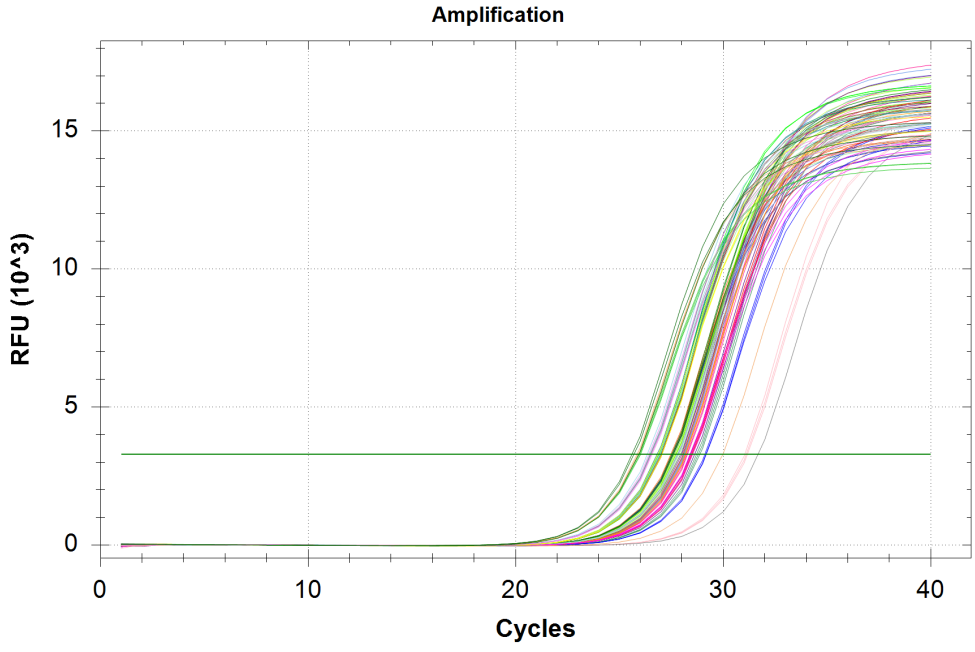
	1	2	3	4	5	6	7	8	9	10	11	12
A	Unk-1 Cg_VIPERIN_F/R (SR IDs: 1828/9) 270	Unk-1 Cg_VIPERIN_F/R (SR IDs: 1828/9) 270	Unk-1 Cg_VIPERIN_F/R (SR IDs: 1828/9) 270	Unk-2 Cg_VIPERIN_F/R (SR IDs: 1828/9) 271	Unk-2 Cg_VIPERIN_F/R (SR IDs: 1828/9) 271	Unk-2 Cg_VIPERIN_F/R (SR IDs: 1828/9) 271	Unk-3 Cg_VIPERIN_F/R (SR IDs: 1828/9) 272	Unk-3 Cg_VIPERIN_F/R (SR IDs: 1828/9) 272	Unk-3 Cg_VIPERIN_F/R (SR IDs: 1828/9) 272	Unk-4 Cg_VIPERIN_F/R (SR IDs: 1828/9) 273	Unk-4 Cg_VIPERIN_F/R (SR IDs: 1828/9) 273	Unk-4 Cg_VIPERIN_F/R (SR IDs: 1828/9) 273
B	Unk-5 Cg_VIPERIN_F/R (SR IDs: 1828/9) 275	Unk-5 Cg_VIPERIN_F/R (SR IDs: 1828/9) 275	Unk-5 Cg_VIPERIN_F/R (SR IDs: 1828/9) 275	Unk-6 Cg_VIPERIN_F/R (SR IDs: 1828/9) 276	Unk-6 Cg_VIPERIN_F/R (SR IDs: 1828/9) 276	Unk-6 Cg_VIPERIN_F/R (SR IDs: 1828/9) 276	Unk-7 Cg_VIPERIN_F/R (SR IDs: 1828/9) 277	Unk-7 Cg_VIPERIN_F/R (SR IDs: 1828/9) 277	Unk-7 Cg_VIPERIN_F/R (SR IDs: 1828/9) 277	Unk-8 Cg_VIPERIN_F/R (SR IDs: 1828/9) 279	Unk-8 Cg_VIPERIN_F/R (SR IDs: 1828/9) 279	Unk-8 Cg_VIPERIN_F/R (SR IDs: 1828/9) 279

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
C	Unk-9 Cg_VIPERIN_F/R (SR IDs: 1828/9) 280	Unk-9 Cg_VIPERIN_F/R (SR IDs: 1828/9) 280	Unk-9 Cg_VIPERIN_F/R (SR IDs: 1828/9) 280	Unk-10 Cg_VIPERIN_F/R (SR IDs: 1828/9) 287	Unk-10 Cg_VIPERIN_F/R (SR IDs: 1828/9) 287	Unk-10 Cg_VIPERIN_F/R (SR IDs: 1828/9) 287	Unk-11 Cg_VIPERIN_F/R (SR IDs: 1828/9) 290	Unk-11 Cg_VIPERIN_F/R (SR IDs: 1828/9) 290	Unk-11 Cg_VIPERIN_F/R (SR IDs: 1828/9) 290	Unk-12 Cg_VIPERIN_F/R (SR IDs: 1828/9) 291	Unk-12 Cg_VIPERIN_F/R (SR IDs: 1828/9) 291	Unk-12 Cg_VIPERIN_F/R (SR IDs: 1828/9) 291
D	Unk-13 Cg_VIPERIN_F/R (SR IDs: 1828/9) 293	Unk-13 Cg_VIPERIN_F/R (SR IDs: 1828/9) 293	Unk-13 Cg_VIPERIN_F/R (SR IDs: 1828/9) 293	Unk-14 Cg_VIPERIN_F/R (SR IDs: 1828/9) 294	Unk-14 Cg_VIPERIN_F/R (SR IDs: 1828/9) 294	Unk-14 Cg_VIPERIN_F/R (SR IDs: 1828/9) 294	Unk-15 Cg_VIPERIN_F/R (SR IDs: 1828/9) 295	Unk-15 Cg_VIPERIN_F/R (SR IDs: 1828/9) 295	Unk-15 Cg_VIPERIN_F/R (SR IDs: 1828/9) 295	Unk-16 Cg_VIPERIN_F/R (SR IDs: 1828/9) 297	Unk-16 Cg_VIPERIN_F/R (SR IDs: 1828/9) 297	Unk-16 Cg_VIPERIN_F/R (SR IDs: 1828/9) 297
E	Unk-17 Cg_VIPERIN_F/R (SR IDs: 1828/9) 301	Unk-17 Cg_VIPERIN_F/R (SR IDs: 1828/9) 301	Unk-17 Cg_VIPERIN_F/R (SR IDs: 1828/9) 301	Unk-18 Cg_VIPERIN_F/R (SR IDs: 1828/9) 302	Unk-18 Cg_VIPERIN_F/R (SR IDs: 1828/9) 302	Unk-18 Cg_VIPERIN_F/R (SR IDs: 1828/9) 302	Unk-19 Cg_VIPERIN_F/R (SR IDs: 1828/9) 306	Unk-19 Cg_VIPERIN_F/R (SR IDs: 1828/9) 306	Unk-19 Cg_VIPERIN_F/R (SR IDs: 1828/9) 306	Unk-20 Cg_VIPERIN_F/R (SR IDs: 1828/9) 310	Unk-20 Cg_VIPERIN_F/R (SR IDs: 1828/9) 310	Unk-20 Cg_VIPERIN_F/R (SR IDs: 1828/9) 310
F	Unk-21 Cg_VIPERIN_F/R (SR IDs: 1828/9) 311	Unk-21 Cg_VIPERIN_F/R (SR IDs: 1828/9) 311	Unk-21 Cg_VIPERIN_F/R (SR IDs: 1828/9) 311	Unk-22 Cg_VIPERIN_F/R (SR IDs: 1828/9) 316	Unk-22 Cg_VIPERIN_F/R (SR IDs: 1828/9) 316	Unk-22 Cg_VIPERIN_F/R (SR IDs: 1828/9) 316	Unk-23 Cg_VIPERIN_F/R (SR IDs: 1828/9) 317	Unk-23 Cg_VIPERIN_F/R (SR IDs: 1828/9) 317	Unk-23 Cg_VIPERIN_F/R (SR IDs: 1828/9) 317	Unk-24 Cg_VIPERIN_F/R (SR IDs: 1828/9) 318	Unk-24 Cg_VIPERIN_F/R (SR IDs: 1828/9) 318	Unk-24 Cg_VIPERIN_F/R (SR IDs: 1828/9) 318
G	Unk-25 Cg_VIPERIN_F/R (SR IDs: 1828/9) 324	Unk-25 Cg_VIPERIN_F/R (SR IDs: 1828/9) 324	Unk-25 Cg_VIPERIN_F/R (SR IDs: 1828/9) 324	Unk-26 Cg_VIPERIN_F/R (SR IDs: 1828/9) 326	Unk-26 Cg_VIPERIN_F/R (SR IDs: 1828/9) 326	Unk-26 Cg_VIPERIN_F/R (SR IDs: 1828/9) 326	Unk-27 Cg_VIPERIN_F/R (SR IDs: 1828/9) 334	Unk-27 Cg_VIPERIN_F/R (SR IDs: 1828/9) 334	Unk-27 Cg_VIPERIN_F/R (SR IDs: 1828/9) 334	Unk-28 Cg_VIPERIN_F/R (SR IDs: 1828/9) 341	Unk-28 Cg_VIPERIN_F/R (SR IDs: 1828/9) 341	Unk-28 Cg_VIPERIN_F/R (SR IDs: 1828/9) 341
H	Unk-29 Cg_VIPERIN_F/R (SR IDs: 1828/9) 343	Unk-29 Cg_VIPERIN_F/R (SR IDs: 1828/9) 343	Unk-29 Cg_VIPERIN_F/R (SR IDs: 1828/9) 343	Unk-30 Cg_VIPERIN_F/R (SR IDs: 1828/9) 344	Unk-30 Cg_VIPERIN_F/R (SR IDs: 1828/9) 344	Unk-30 Cg_VIPERIN_F/R (SR IDs: 1828/9) 344	Unk-31 Cg_VIPERIN_F/R (SR IDs: 1828/9) 346	Unk-31 Cg_VIPERIN_F/R (SR IDs: 1828/9) 346	Unk-31 Cg_VIPERIN_F/R (SR IDs: 1828/9) 346	Unk-32 Cg_VIPERIN_F/R (SR IDs: 1828/9) 349	Unk-32 Cg_VIPERIN_F/R (SR IDs: 1828/9) 349	Unk-32 Cg_VIPERIN_F/R (SR IDs: 1828/9) 349

Quantification

Step #: 3
Analysis Mode: Fluorophore
Cq Determination: Single Threshold
Baseline Method:
SYBR: Auto Calculated
Threshold Setting:
SYBR: 3289.22, 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	270	27.79	27.74	0.094
A02	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-01	270	27.81	27.74	0.094
A03	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-01	270	27.63	27.74	0.094
A04	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-02	271	28.11	28.14	0.035
A05	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-02	271	28.15	28.14	0.035
A06	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-02	271	28.18	28.14	0.035
A07	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-03	272	27.47	27.51	0.032
A08	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-03	272	27.52	27.51	0.032
A09	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-03	272	27.53	27.51	0.032
A10	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-04	273	27.58	27.58	0.010
A11	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-04	273	27.59	27.58	0.010
A12	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-04	273	27.57	27.58	0.010
B01	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-05	275	28.28	28.24	0.037
B02	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-05	275	28.24	28.24	0.037
B03	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-05	275	28.20	28.24	0.037
B04	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-06	276	28.09	28.11	0.020
B05	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-06	276	28.11	28.11	0.020
B06	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-06	276	28.13	28.11	0.020
B07	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-07	277	27.95	27.85	0.107
B08	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-07	277	27.87	27.85	0.107
B09	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-07	277	27.74	27.85	0.107
B10	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-08	279	27.81	27.90	0.076
B11	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-08	279	27.94	27.90	0.076
B12	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-08	279	27.95	27.90	0.076
C01	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-09	280	28.80	28.79	0.079
C02	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-09	280	28.87	28.79	0.079
C03	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-09	280	28.71	28.79	0.079

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	287	27.70	27.69	0.039
C05	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-10	287	27.72	27.69	0.039
C06	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-10	287	27.65	27.69	0.039
C07	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-11	290	28.62	28.52	0.106
C08	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-11	290	28.41	28.52	0.106
C09	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-11	290	28.52	28.52	0.106
C10	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-12	291	27.55	27.55	0.015
C11	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-12	291	27.54	27.55	0.015
C12	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-12	291	27.57	27.55	0.015
D01	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-13	293	31.10	31.10	0.063
D02	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-13	293	31.16	31.10	0.063
D03	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-13	293	31.03	31.10	0.063
D04	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-14	294	27.04	26.99	0.080
D05	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-14	294	26.90	26.99	0.080
D06	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-14	294	27.03	26.99	0.080
D07	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-15	295	28.01	28.04	0.034
D08	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-15	295	28.05	28.04	0.034
D09	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-15	295	28.07	28.04	0.034
D10	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-16	297	27.58	27.56	0.042
D11	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-16	297	27.51	27.56	0.042
D12	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-16	297	27.59	27.56	0.042
E01	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-17	301	29.18	29.15	0.036
E02	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-17	301	29.11	29.15	0.036
E03	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-17	301	29.16	29.15	0.036
E04	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-18	302	28.51	28.50	0.033
E05	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-18	302	28.53	28.50	0.033
E06	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-18	302	28.46	28.50	0.033
E07	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-19	306	27.01	27.03	0.017

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	306	27.04	27.03	0.017
E09	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-19	306	27.05	27.03	0.017
E10	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-20	310	28.48	28.47	0.038
E11	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-20	310	28.51	28.47	0.038
E12	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-20	310	28.43	28.47	0.038
F01	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-21	311	27.85	27.82	0.040
F02	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-21	311	27.83	27.82	0.040
F03	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-21	311	27.78	27.82	0.040
F04	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-22	316	26.98	26.89	0.084
F05	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-22	316	26.87	26.89	0.084
F06	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-22	316	26.81	26.89	0.084
F07	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-23	317	28.19	28.14	0.061
F08	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-23	317	28.16	28.14	0.061
F09	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-23	317	28.07	28.14	0.061
F10	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-24	318	26.93	26.91	0.035
F11	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-24	318	26.94	26.91	0.035
F12	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-24	318	26.87	26.91	0.035
G01	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-25	324	28.51	28.45	0.058
G02	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-25	324	28.39	28.45	0.058
G03	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-25	324	28.44	28.45	0.058
G04	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-26	326	27.04	26.98	0.111
G05	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-26	326	26.85	26.98	0.111
G06	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-26	326	27.04	26.98	0.111
G07	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-27	334	26.51	26.44	0.091
G08	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-27	334	26.47	26.44	0.091
G09	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-27	334	26.34	26.44	0.091
G10	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-28	341	26.49	28.23	2.984
G11	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-28	341	31.67	28.23	2.984

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	341	26.52	28.23	2.984
H01	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-29	343	26.02	25.98	0.040
H02	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-29	343	25.99	25.98	0.040
H03	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-29	343	25.94	25.98	0.040
H04	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-30	344	29.98	27.24	2.371
H05	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-30	344	25.90	27.24	2.371
H06	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-30	344	25.85	27.24	2.371
H07	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-31	346	26.57	26.51	0.081
H08	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-31	346	26.53	26.51	0.081
H09	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-31	346	26.42	26.51	0.081
H10	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-32	349	25.60	25.74	0.170
H11	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-32	349	25.93	25.74	0.170
H12	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-32	349	25.69	25.74	0.170

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:G10, G11, G12, H4, H5, H6.	False	