



sam_2024-12-10_11-47-51_CFX96_GAPDH-02.pcrd

12/12/2024 14:30

Report Information

User: BioRad/sam
Data File Name: sam_2024-12-10_11-47-51_CFX96_GAPDH-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: 12/10/2024 11:48
Run User: sam
Run Type: User-defined
Plate File: cgig-GAPDH-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 Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 270	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 270	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 270	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 271	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 271	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 271	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 272	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 272	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 272	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 273	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 273	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 273
B	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 275	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 275	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 275	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 276	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 276	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 276	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 277	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 277	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 277	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 279	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 279	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 279

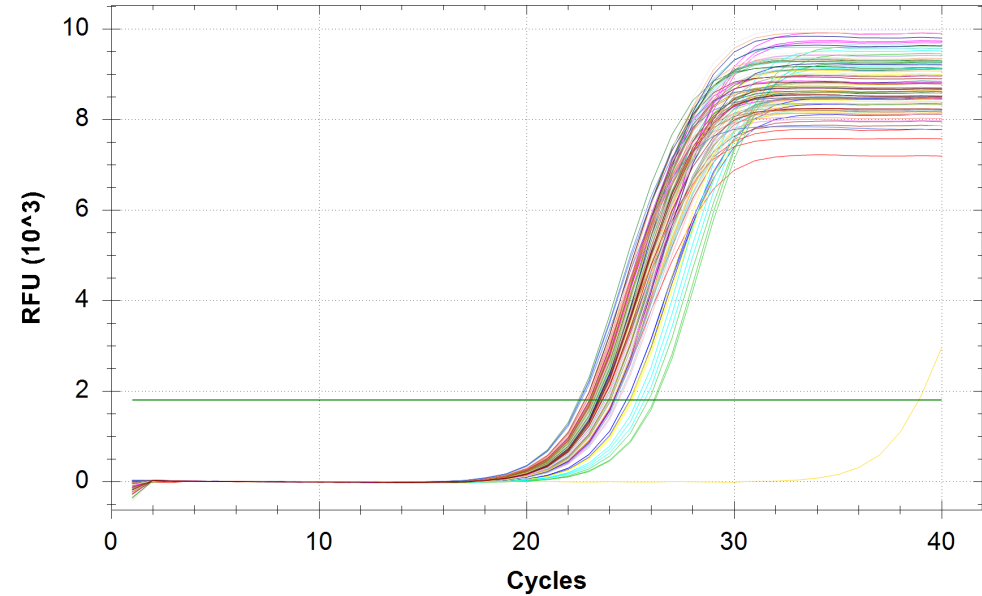
Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
C	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 280	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 280	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 280	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 287	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 287	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 287	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 290	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 290	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 290	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 291	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 291	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 291
D	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 293	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 293	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 293	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 294	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 294	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 294	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 295	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 295	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 295	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 297	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 297	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 297
E	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 301	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 301	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 301	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 302	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 302	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 302	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 306	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 306	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 306	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 310	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 310	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 310
F	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 311	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 311	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 311	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 316	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 316	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 316	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 317	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 317	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 317	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 318	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 318	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 318
G	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 324	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 324	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 324	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 326	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 326	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 326	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 334	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 334	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 334	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 341	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 341	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 341
H	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 343	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 343	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 343	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 344	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 344	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 344	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 346	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 346	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 346	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 349	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 349	Unk Cg_GAPDH 205_F- 355_R (SR IDs: 1172/3) 349

Quantification

Step #: 3
Analysis Mode: Fluorophore
Cq Determination: Single Threshold
Baseline Method:
SYBR: Auto Calculated
Threshold Setting:
SYBR: 1806.91, Auto Calculated

Amplification



Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A01	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	270	24.80	24.80	0.000
A02	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	270	24.80	24.80	0.000
A03	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	270	24.98	24.98	0.000
A04	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	271	24.42	24.42	0.000
A05	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	271	24.27	24.27	0.000
A06	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	271	24.44	24.44	0.000
A07	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	272	24.20	24.20	0.000
A08	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	272	23.93	23.93	0.000
A09	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	272	23.63	23.63	0.000
A10	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	273	23.66	23.66	0.000
A11	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	273	23.40	23.40	0.000
A12	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	273	24.21	24.21	0.000
B01	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	275	23.42	23.42	0.000
B02	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	275	23.43	23.43	0.000
B03	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	275	23.50	23.50	0.000
B04	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	276	23.93	23.93	0.000
B05	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	276	23.57	23.57	0.000
B06	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	276	23.75	23.75	0.000
B07	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	277	23.63	23.63	0.000
B08	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	277	23.56	23.56	0.000
B09	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	277	24.21	24.21	0.000
B10	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	279	24.24	24.24	0.000
B11	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	279	24.21	24.21	0.000
B12	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	279	24.04	24.04	0.000
C01	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	280	24.16	24.16	0.000
C02	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	280	24.21	24.21	0.000
C03	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	280	24.28	24.28	0.000

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
C04	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	287	24.99	24.99	0.000
C05	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	287	25.08	25.08	0.000
C06	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	287	25.03	25.03	0.000
C07	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	290	24.37	24.37	0.000
C08	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	290	24.20	24.20	0.000
C09	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	290	24.28	24.28	0.000
C10	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	291	23.95	23.95	0.000
C11	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	291	23.99	23.99	0.000
C12	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	291	24.05	24.05	0.000
D01	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	293	25.87	25.87	0.000
D02	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	293	26.19	26.19	0.000
D03	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	293	26.13	26.13	0.000
D04	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	294	23.51	23.51	0.000
D05	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	294	22.92	22.92	0.000
D06	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	294	23.35	23.35	0.000
D07	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	295	23.59	23.59	0.000
D08	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	295	23.83	23.83	0.000
D09	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	295	23.39	23.39	0.000
D10	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	297	22.82	22.82	0.000
D11	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	297	23.12	23.12	0.000
D12	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	297	23.22	23.22	0.000
E01	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	301	23.37	23.37	0.000
E02	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	301	23.32	23.32	0.000
E03	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	301	23.37	23.37	0.000
E04	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	302	23.45	23.45	0.000
E05	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	302	23.47	23.47	0.000
E06	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	302	23.21	23.21	0.000
E07	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	306	23.45	23.45	0.000

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
E08	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	306	23.42	23.42	0.000
E09	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	306	24.20	24.20	0.000
E10	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	310	23.28	23.28	0.000
E11	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	310	23.19	23.19	0.000
E12	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	310	23.37	23.37	0.000
F01	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	311	25.49	25.49	0.000
F02	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	311	25.32	25.32	0.000
F03	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	311	25.68	25.68	0.000
F04	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	316	23.95	23.95	0.000
F05	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	316	24.14	24.14	0.000
F06	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	316	38.89	38.89	0.000
F07	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	317	22.50	22.50	0.000
F08	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	317	23.34	23.34	0.000
F09	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	317	23.15	23.15	0.000
F10	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	318	23.13	23.13	0.000
F11	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	318	23.01	23.01	0.000
F12	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	318	23.09	23.09	0.000
G01	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	324	23.07	23.07	0.000
G02	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	324	23.10	23.10	0.000
G03	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	324	23.14	23.14	0.000
G04	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	326	23.50	23.50	0.000
G05	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	326	23.51	23.51	0.000
G06	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	326	23.53	23.53	0.000
G07	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	334	23.48	23.48	0.000
G08	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	334	23.03	23.03	0.000
G09	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	334	22.81	22.81	0.000
G10	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	341	23.04	23.04	0.000
G11	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	341	23.23	23.23	0.000

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
G12	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	341	23.39	23.39	0.000
H01	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	343	22.91	22.91	0.000
H02	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	343	22.83	22.83	0.000
H03	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	343	22.93	22.93	0.000
H04	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	344	23.73	23.73	0.000
H05	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	344	23.38	23.38	0.000
H06	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	344	24.08	24.08	0.000
H07	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	346	22.58	22.58	0.000
H08	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	346	22.56	22.56	0.000
H09	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	346	22.64	22.64	0.000
H10	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	349	23.53	23.53	0.000
H11	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	349	23.53	23.53	0.000
H12	SYBR	Cg_GAPDH_205_F-355_R (SR IDs: 1172/3)	Unkn	349	23.64	23.64	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		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		False	