sam_2024-12-11_10-42-40_CFX96-HSP90-01.pcrd

12/12/2024 22:30

Report Information

User: BioRad/sam
Data File Name: sam_2024-12-11_10-42-40_CFX96-HSP90-01.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: 12/11/2024 10:42
Run User: sam
Run Type: User-defined
Plate File: cgig-HSP90-cfx-plate-01.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

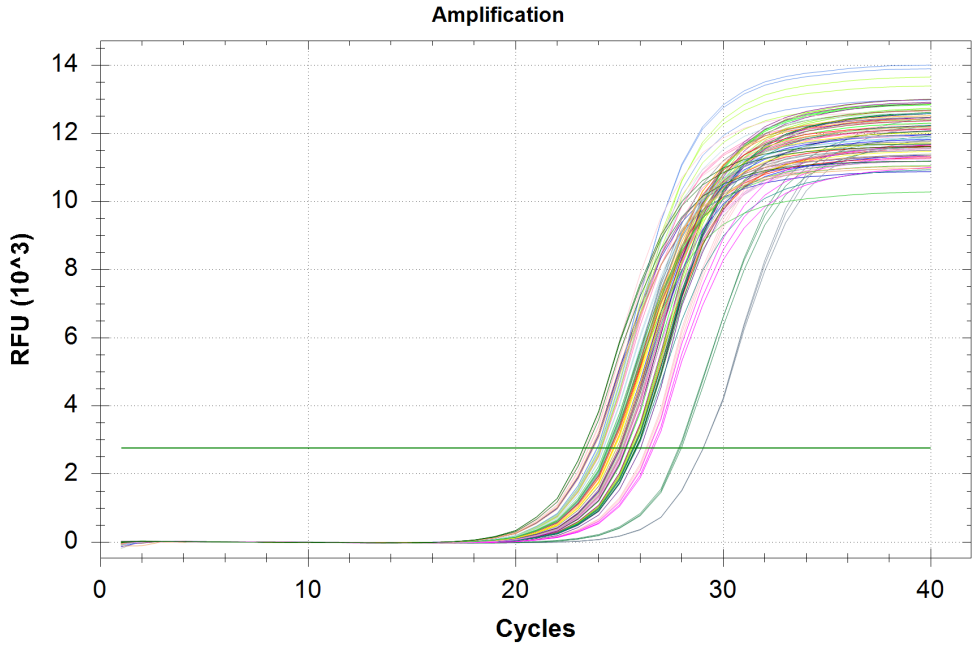
	1	2	3	4	5	6	7	8	9	10	11	12
A	Unk-1 Cg_Hsp90_ F/R (SR IDs: 1532/3) 201	Unk-1 Cg_Hsp90_ F/R (SR IDs: 1532/3) 201	Unk-1 Cg_Hsp90_ F/R (SR IDs: 1532/3) 201	Unk-2 Cg_Hsp90_ F/R (SR IDs: 1532/3) 202	Unk-2 Cg_Hsp90_ F/R (SR IDs: 1532/3) 202	Unk-2 Cg_Hsp90_ F/R (SR IDs: 1532/3) 202	Unk-3 Cg_Hsp90_ F/R (SR IDs: 1532/3) 203	Unk-3 Cg_Hsp90_ F/R (SR IDs: 1532/3) 203	Unk-3 Cg_Hsp90_ F/R (SR IDs: 1532/3) 203	Unk-4 Cg_Hsp90_ F/R (SR IDs: 1532/3) 204	Unk-4 Cg_Hsp90_ F/R (SR IDs: 1532/3) 204	Unk-4 Cg_Hsp90_ F/R (SR IDs: 1532/3) 204
B	Unk-5 Cg_Hsp90_ F/R (SR IDs: 1532/3) 205	Unk-5 Cg_Hsp90_ F/R (SR IDs: 1532/3) 205	Unk-5 Cg_Hsp90_ F/R (SR IDs: 1532/3) 205	Unk-6 Cg_Hsp90_ F/R (SR IDs: 1532/3) 207	Unk-6 Cg_Hsp90_ F/R (SR IDs: 1532/3) 207	Unk-6 Cg_Hsp90_ F/R (SR IDs: 1532/3) 207	Unk-7 Cg_Hsp90_ F/R (SR IDs: 1532/3) 208	Unk-7 Cg_Hsp90_ F/R (SR IDs: 1532/3) 208	Unk-7 Cg_Hsp90_ F/R (SR IDs: 1532/3) 208	Unk-8 Cg_Hsp90_ F/R (SR IDs: 1532/3) 209	Unk-8 Cg_Hsp90_ F/R (SR IDs: 1532/3) 209	Unk-8 Cg_Hsp90_ F/R (SR IDs: 1532/3) 209
C	Unk-9 Cg_Hsp90_ F/R (SR IDs: 1532/3) 213	Unk-9 Cg_Hsp90_ F/R (SR IDs: 1532/3) 213	Unk-9 Cg_Hsp90_ F/R (SR IDs: 1532/3) 213	Unk-10 Cg_Hsp90_ F/R (SR IDs: 1532/3) 214	Unk-10 Cg_Hsp90_ F/R (SR IDs: 1532/3) 214	Unk-10 Cg_Hsp90_ F/R (SR IDs: 1532/3) 214	Unk-11 Cg_Hsp90_ F/R (SR IDs: 1532/3) 216	Unk-11 Cg_Hsp90_ F/R (SR IDs: 1532/3) 216	Unk-11 Cg_Hsp90_ F/R (SR IDs: 1532/3) 216	Unk-12 Cg_Hsp90_ F/R (SR IDs: 1532/3) 219	Unk-12 Cg_Hsp90_ F/R (SR IDs: 1532/3) 219	Unk-12 Cg_Hsp90_ F/R (SR IDs: 1532/3) 219

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
D	Unk-13 Cg_Hsp90_ F/R (SR IDs: 1532/3) 227	Unk-13 Cg_Hsp90_ F/R (SR IDs: 1532/3) 227	Unk-13 Cg_Hsp90_ F/R (SR IDs: 1532/3) 227	Unk-14 Cg_Hsp90_ F/R (SR IDs: 1532/3) 229	Unk-14 Cg_Hsp90_ F/R (SR IDs: 1532/3) 229	Unk-14 Cg_Hsp90_ F/R (SR IDs: 1532/3) 229	Unk-15 Cg_Hsp90_ F/R (SR IDs: 1532/3) 230	Unk-15 Cg_Hsp90_ F/R (SR IDs: 1532/3) 230	Unk-15 Cg_Hsp90_ F/R (SR IDs: 1532/3) 230	Unk-16 Cg_Hsp90_ F/R (SR IDs: 1532/3) 231	Unk-16 Cg_Hsp90_ F/R (SR IDs: 1532/3) 231	Unk-16 Cg_Hsp90_ F/R (SR IDs: 1532/3) 231
E	Unk-17 Cg_Hsp90_ F/R (SR IDs: 1532/3) 232	Unk-17 Cg_Hsp90_ F/R (SR IDs: 1532/3) 232	Unk-17 Cg_Hsp90_ F/R (SR IDs: 1532/3) 232	Unk-18 Cg_Hsp90_ F/R (SR IDs: 1532/3) 233	Unk-18 Cg_Hsp90_ F/R (SR IDs: 1532/3) 233	Unk-18 Cg_Hsp90_ F/R (SR IDs: 1532/3) 233	Unk-19 Cg_Hsp90_ F/R (SR IDs: 1532/3) 235	Unk-19 Cg_Hsp90_ F/R (SR IDs: 1532/3) 235	Unk-19 Cg_Hsp90_ F/R (SR IDs: 1532/3) 235	Unk-20 Cg_Hsp90_ F/R (SR IDs: 1532/3) 236	Unk-20 Cg_Hsp90_ F/R (SR IDs: 1532/3) 236	Unk-20 Cg_Hsp90_ F/R (SR IDs: 1532/3) 236
F	Unk-21 Cg_Hsp90_ F/R (SR IDs: 1532/3) 237	Unk-21 Cg_Hsp90_ F/R (SR IDs: 1532/3) 237	Unk-21 Cg_Hsp90_ F/R (SR IDs: 1532/3) 237	Unk-22 Cg_Hsp90_ F/R (SR IDs: 1532/3) 238	Unk-22 Cg_Hsp90_ F/R (SR IDs: 1532/3) 238	Unk-22 Cg_Hsp90_ F/R (SR IDs: 1532/3) 238	Unk-23 Cg_Hsp90_ F/R (SR IDs: 1532/3) 239	Unk-23 Cg_Hsp90_ F/R (SR IDs: 1532/3) 239	Unk-23 Cg_Hsp90_ F/R (SR IDs: 1532/3) 239	Unk-24 Cg_Hsp90_ F/R (SR IDs: 1532/3) 240	Unk-24 Cg_Hsp90_ F/R (SR IDs: 1532/3) 240	Unk-24 Cg_Hsp90_ F/R (SR IDs: 1532/3) 240
G	Unk-25 Cg_Hsp90_ F/R (SR IDs: 1532/3) 241	Unk-25 Cg_Hsp90_ F/R (SR IDs: 1532/3) 241	Unk-25 Cg_Hsp90_ F/R (SR IDs: 1532/3) 241	Unk-26 Cg_Hsp90_ F/R (SR IDs: 1532/3) 245	Unk-26 Cg_Hsp90_ F/R (SR IDs: 1532/3) 245	Unk-26 Cg_Hsp90_ F/R (SR IDs: 1532/3) 245	Unk-27 Cg_Hsp90_ F/R (SR IDs: 1532/3) 248	Unk-27 Cg_Hsp90_ F/R (SR IDs: 1532/3) 248	Unk-27 Cg_Hsp90_ F/R (SR IDs: 1532/3) 248	Unk-28 Cg_Hsp90_ F/R (SR IDs: 1532/3) 250	Unk-28 Cg_Hsp90_ F/R (SR IDs: 1532/3) 250	Unk-28 Cg_Hsp90_ F/R (SR IDs: 1532/3) 250
H	Unk-29 Cg_Hsp90_ F/R (SR IDs: 1532/3) 252	Unk-29 Cg_Hsp90_ F/R (SR IDs: 1532/3) 252	Unk-29 Cg_Hsp90_ F/R (SR IDs: 1532/3) 252	Unk-30 Cg_Hsp90_ F/R (SR IDs: 1532/3) 258	Unk-30 Cg_Hsp90_ F/R (SR IDs: 1532/3) 258	Unk-30 Cg_Hsp90_ F/R (SR IDs: 1532/3) 258	Unk-31 Cg_Hsp90_ F/R (SR IDs: 1532/3) 263	Unk-31 Cg_Hsp90_ F/R (SR IDs: 1532/3) 263	Unk-31 Cg_Hsp90_ F/R (SR IDs: 1532/3) 263	Unk-32 Cg_Hsp90_ F/R (SR IDs: 1532/3) 268	Unk-32 Cg_Hsp90_ F/R (SR IDs: 1532/3) 268	Unk-32 Cg_Hsp90_ F/R (SR IDs: 1532/3) 268

Quantification

Step #: 3
Analysis Mode: Fluorophore
Cq Determination: Single Threshold
Baseline Method:
SYBR: Auto Calculated
Threshold Setting:
SYBR: 2759.74, Auto Calculated



Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A01	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-01	201	25.64	25.57	0.063
A02	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-01	201	25.56	25.57	0.063
A03	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-01	201	25.52	25.57	0.063
A04	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-02	202	24.09	24.12	0.030
A05	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-02	202	24.12	24.12	0.030
A06	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-02	202	24.15	24.12	0.030
A07	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-03	203	25.65	25.59	0.073
A08	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-03	203	25.62	25.59	0.073
A09	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-03	203	25.51	25.59	0.073
A10	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-04	204	23.68	23.69	0.014
A11	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-04	204	23.68	23.69	0.014
A12	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-04	204	23.71	23.69	0.014
B01	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-05	205	25.17	25.17	0.026
B02	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-05	205	25.19	25.17	0.026
B03	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-05	205	25.14	25.17	0.026
B04	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-06	207	24.04	23.96	0.066
B05	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-06	207	23.94	23.96	0.066
B06	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-06	207	23.91	23.96	0.066
B07	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-07	208	24.12	24.08	0.057

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
B08	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-07	208	24.01	24.08	0.057
B09	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-07	208	24.09	24.08	0.057
B10	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-08	209	29.03	29.03	0.001
B11	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-08	209	29.03	29.03	0.001
B12	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-08	209	29.03	29.03	0.001
C01	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-09	213	27.98	27.91	0.064
C02	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-09	213	27.85	27.91	0.064
C03	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-09	213	27.90	27.91	0.064
C04	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-10	214	25.62	25.58	0.038
C05	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-10	214	25.56	25.58	0.038
C06	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-10	214	25.56	25.58	0.038
C07	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-11	216	26.02	25.87	0.128
C08	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-11	216	25.82	25.87	0.128
C09	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-11	216	25.78	25.87	0.128
C10	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-12	219	24.47	24.48	0.052
C11	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-12	219	24.43	24.48	0.052
C12	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-12	219	24.54	24.48	0.052
D01	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-13	227	26.40	26.33	0.059
D02	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-13	227	26.28	26.33	0.059
D03	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-13	227	26.33	26.33	0.059

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
D04	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-14	229	25.33	25.31	0.025
D05	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-14	229	25.29	25.31	0.025
D06	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-14	229	25.29	25.31	0.025
D07	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-15	230	25.50	25.36	0.118
D08	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-15	230	25.30	25.36	0.118
D09	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-15	230	25.29	25.36	0.118
D10	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-16	231	25.78	25.76	0.054
D11	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-16	231	25.70	25.76	0.054
D12	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-16	231	25.80	25.76	0.054
E01	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-17	232	25.04	24.97	0.096
E02	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-17	232	25.01	24.97	0.096
E03	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-17	232	24.86	24.97	0.096
E04	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-18	233	23.50	23.46	0.105
E05	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-18	233	23.53	23.46	0.105
E06	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-18	233	23.34	23.46	0.105
E07	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-19	235	25.02	25.01	0.053
E08	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-19	235	25.06	25.01	0.053
E09	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-19	235	24.96	25.01	0.053
E10	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-20	236	24.56	24.58	0.033
E11	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-20	236	24.62	24.58	0.033

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
E12	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-20	236	24.57	24.58	0.033
F01	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-21	237	24.22	24.17	0.098
F02	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-21	237	24.06	24.17	0.098
F03	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-21	237	24.24	24.17	0.098
F04	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-22	238	25.84	25.73	0.101
F05	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-22	238	25.69	25.73	0.101
F06	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-22	238	25.66	25.73	0.101
F07	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-23	239	24.70	24.68	0.049
F08	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-23	239	24.71	24.68	0.049
F09	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-23	239	24.62	24.68	0.049
F10	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-24	240	25.17	25.11	0.061
F11	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-24	240	25.05	25.11	0.061
F12	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-24	240	25.12	25.11	0.061
G01	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-25	241	26.63	26.54	0.101
G02	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-25	241	26.56	26.54	0.101
G03	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-25	241	26.43	26.54	0.101
G04	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-26	245	24.86	24.79	0.063
G05	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-26	245	24.76	24.79	0.063
G06	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-26	245	24.74	24.79	0.063
G07	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-27	248	24.47	24.43	0.047

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
G08	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-27	248	24.45	24.43	0.047
G09	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-27	248	24.38	24.43	0.047
G10	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-28	250	24.53	24.50	0.076
G11	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-28	250	24.41	24.50	0.076
G12	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-28	250	24.56	24.50	0.076
H01	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-29	252	24.43	24.41	0.067
H02	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-29	252	24.34	24.41	0.067
H03	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-29	252	24.47	24.41	0.067
H04	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-30	258	23.75	23.69	0.058
H05	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-30	258	23.63	23.69	0.058
H06	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-30	258	23.68	23.69	0.058
H07	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-31	263	25.26	25.22	0.067
H08	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-31	263	25.25	25.22	0.067
H09	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-31	263	25.14	25.22	0.067
H10	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-32	268	23.39	23.30	0.079
H11	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-32	268	23.25	23.30	0.079
H12	SYBR	Cg_Hsp90_F/R (SR IDs: 1532/3)	Unkn-32	268	23.26	23.30	0.079

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	
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	