



sam_2020-02-26 10-15-38_BR006896.pcrd

02/26/2020 12:19

Report Information

User: BioRad/sam
Data File Name: sam_2020-02-26 10-15-38_BR006896.pcrd
Data File Path: Z:\cfx_connect_data
Well Group Name: All Wells
Report Differs from Last Save: No

Run Setup

Run Information

Run Date: 02/26/2020 10:15
Run User: sam
Run Type: User-defined
Plate File: 20200226_cbai_RNA.pltd
ID:
Notes:
Sample Volume: 20
Temperature Control Mode: Calculated
Lid Temperature: 105
Base Serial Number: BR006896
Optical Head Serial Number: 788BR07000

Protocol

- 1: 98.0°C for 2:00
- 2: 98.0°C for 0:02
- 3: 60.0°C for 0:05
Plate Read
- 4: GOTO 2, 39 more times
- 5: Melt Curve 70.0°C to 95.0°C: Increment 0.2°C 0:10
Plate Read

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
A	Unk-1 SRIDs 1776/7 14	Unk-1 SRIDs 1776/7 14	Unk-2 SRIDs 1776/7 113	Unk-2 SRIDs 1776/7 113	Unk-3 SRIDs 1776/7 118	Unk-3 SRIDs 1776/7 118	Unk-4 SRIDs 1776/7 123	Unk-4 SRIDs 1776/7 123	Unk-5 SRIDs 1776/7 127	Unk-5 SRIDs 1776/7 127	Unk-6 SRIDs 1776/7 206	Unk-6 SRIDs 1776/7 206
B	Unk-7 SRIDs 1776/7 209	Unk-7 SRIDs 1776/7 209	Unk-8 SRIDs 1776/7 210	Unk-8 SRIDs 1776/7 210	Unk-9 SRIDs 1776/7 216	Unk-9 SRIDs 1776/7 216	Unk-10 SRIDs 1776/7 219	Unk-10 SRIDs 1776/7 219	Unk-11 SRIDs 1776/7 222	Unk-11 SRIDs 1776/7 222	Unk-12 SRIDs 1776/7 226	Unk-12 SRIDs 1776/7 226
C	Unk-13 SRIDs 1776/7 229	Unk-13 SRIDs 1776/7 229	Unk-14 SRIDs 1776/7 231	Unk-14 SRIDs 1776/7 231	Unk-15 SRIDs 1776/7 238	Unk-15 SRIDs 1776/7 238	Unk-16 SRIDs 1776/7 249	Unk-16 SRIDs 1776/7 249	Unk-17 SRIDs 1776/7 257	Unk-17 SRIDs 1776/7 257	Unk-18 SRIDs 1776/7 259	Unk-18 SRIDs 1776/7 259
D	Unk-19 SRIDs 1776/7 262	Unk-19 SRIDs 1776/7 262	Unk-20 SRIDs 1776/7 263	Unk-20 SRIDs 1776/7 263	Unk-21 SRIDs 1776/7 264	Unk-21 SRIDs 1776/7 264	Unk-22 SRIDs 1776/7 270	Unk-22 SRIDs 1776/7 270	Unk-23 SRIDs 1776/7 273	Unk-23 SRIDs 1776/7 273	Unk-24 SRIDs 1776/7 275	Unk-24 SRIDs 1776/7 275

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
E	Unk-25 SRIDs 1776/7 280	Unk-25 SRIDs 1776/7 280	Unk-26 SRIDs 1776/7 282	Unk-26 SRIDs 1776/7 282	Unk-27 SRIDs 1776/7 290	Unk-27 SRIDs 1776/7 290	Unk-28 SRIDs 1776/7 292	Unk-28 SRIDs 1776/7 292	Unk-29 SRIDs 1776/7 307	Unk-29 SRIDs 1776/7 307	Unk-30 SRIDs 1776/7 323	Unk-30 SRIDs 1776/7 323
F	Unk-31 SRIDs 1776/7 338	Unk-31 SRIDs 1776/7 338	Unk-32 SRIDs 1776/7 331	Unk-32 SRIDs 1776/7 331	Unk-33 SRIDs 1776/7 337	Unk-33 SRIDs 1776/7 337	Unk-34 SRIDs 1776/7 345	Unk-34 SRIDs 1776/7 345	Unk-35 SRIDs 1776/7 348	Unk-35 SRIDs 1776/7 348	Unk-36 SRIDs 1776/7 349	Unk-36 SRIDs 1776/7 349
G	Unk-37 SRIDs 1776/7 350	Unk-37 SRIDs 1776/7 350	Unk-38 SRIDs 1776/7 356	Unk-38 SRIDs 1776/7 356	Unk-39 SRIDs 1776/7 364	Unk-39 SRIDs 1776/7 364	Unk-40 SRIDs 1776/7 369	Unk-40 SRIDs 1776/7 369	Unk-41 SRIDs 1776/7 425	Unk-41 SRIDs 1776/7 425	Unk-42 SRIDs 1776/7 451	Unk-42 SRIDs 1776/7 451
H	Unk-43 SRIDs 1776/7 477	Unk-43 SRIDs 1776/7 477	Unk-44 SRIDs 1776/7 481	Unk-44 SRIDs 1776/7 481	Pos-1 SRIDs 1776/7 dna_6129- 403-26	Pos-1 SRIDs 1776/7 dna_6129- 403-26	NTC-1 SRIDs 1776/7	NTC-1 SRIDs 1776/7				

Quantification

Step #: 3

Analysis Mode: Fluorophore

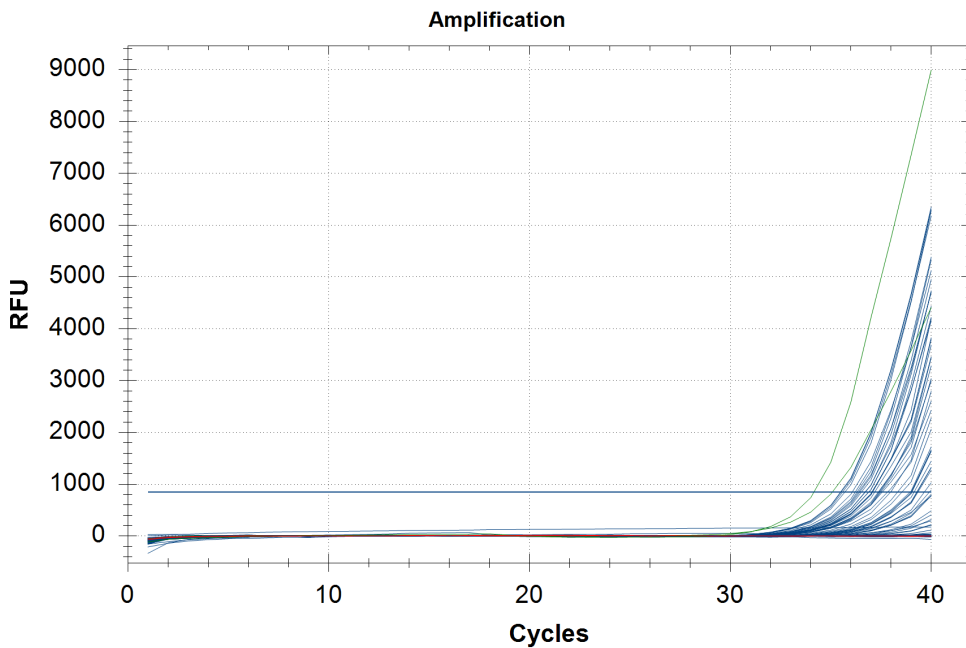
Cq Determination: Single Threshold

Baseline Method:

FAM: Auto Calculated

Threshold Setting:

FAM: 844.00, Auto Calculated



Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A01	FAM	SRIDs 1776/7	Unkn-01	14	N/A	0.00	0.000
A02	FAM	SRIDs 1776/7	Unkn-01	14	N/A	0.00	0.000
A03	FAM	SRIDs 1776/7	Unkn-02	113	N/A	0.00	0.000

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A04	FAM	SRIDs 1776/7	Unkn-02	113	N/A	0.00	0.000
A05	FAM	SRIDs 1776/7	Unkn-03	118	N/A	0.00	0.000
A06	FAM	SRIDs 1776/7	Unkn-03	118	N/A	0.00	0.000
A07	FAM	SRIDs 1776/7	Unkn-04	123	37.18	38.10	1.297
A08	FAM	SRIDs 1776/7	Unkn-04	123	39.01	38.10	1.297
A09	FAM	SRIDs 1776/7	Unkn-05	127	N/A	0.00	0.000
A10	FAM	SRIDs 1776/7	Unkn-05	127	N/A	0.00	0.000
A11	FAM	SRIDs 1776/7	Unkn-06	206	N/A	0.00	0.000
A12	FAM	SRIDs 1776/7	Unkn-06	206	N/A	0.00	0.000
B01	FAM	SRIDs 1776/7	Unkn-07	209	36.88	36.70	0.253
B02	FAM	SRIDs 1776/7	Unkn-07	209	36.52	36.70	0.253
B03	FAM	SRIDs 1776/7	Unkn-08	210	36.06	36.55	0.693
B04	FAM	SRIDs 1776/7	Unkn-08	210	37.04	36.55	0.693
B05	FAM	SRIDs 1776/7	Unkn-09	216	N/A	0.00	0.000
B06	FAM	SRIDs 1776/7	Unkn-09	216	N/A	0.00	0.000
B07	FAM	SRIDs 1776/7	Unkn-10	219	N/A	0.00	0.000
B08	FAM	SRIDs 1776/7	Unkn-10	219	N/A	0.00	0.000
B09	FAM	SRIDs 1776/7	Unkn-11	222	N/A	0.00	0.000
B10	FAM	SRIDs 1776/7	Unkn-11	222	N/A	0.00	0.000
B11	FAM	SRIDs 1776/7	Unkn-12	226	39.33	38.57	1.071
B12	FAM	SRIDs 1776/7	Unkn-12	226	37.81	38.57	1.071
C01	FAM	SRIDs 1776/7	Unkn-13	229	N/A	0.00	0.000
C02	FAM	SRIDs 1776/7	Unkn-13	229	N/A	0.00	0.000
C03	FAM	SRIDs 1776/7	Unkn-14	231	37.06	37.23	0.235
C04	FAM	SRIDs 1776/7	Unkn-14	231	37.39	37.23	0.235
C05	FAM	SRIDs 1776/7	Unkn-15	238	39.29	39.29	0.000
C06	FAM	SRIDs 1776/7	Unkn-15	238	N/A	0.00	0.000
C07	FAM	SRIDs 1776/7	Unkn-16	249	N/A	0.00	0.000

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
C08	FAM	SRIDs 1776/7	Unkn-16	249	N/A	0.00	0.000
C09	FAM	SRIDs 1776/7	Unkn-17	257	36.69	36.53	0.226
C10	FAM	SRIDs 1776/7	Unkn-17	257	36.37	36.53	0.226
C11	FAM	SRIDs 1776/7	Unkn-18	259	N/A	0.00	0.000
C12	FAM	SRIDs 1776/7	Unkn-18	259	N/A	0.00	0.000
D01	FAM	SRIDs 1776/7	Unkn-19	262	39.27	38.35	1.297
D02	FAM	SRIDs 1776/7	Unkn-19	262	37.44	38.35	1.297
D03	FAM	SRIDs 1776/7	Unkn-20	263	35.58	35.54	0.052
D04	FAM	SRIDs 1776/7	Unkn-20	263	35.50	35.54	0.052
D05	FAM	SRIDs 1776/7	Unkn-21	264	35.69	35.58	0.152
D06	FAM	SRIDs 1776/7	Unkn-21	264	35.47	35.58	0.152
D07	FAM	SRIDs 1776/7	Unkn-22	270	37.05	37.27	0.307
D08	FAM	SRIDs 1776/7	Unkn-22	270	37.48	37.27	0.307
D09	FAM	SRIDs 1776/7	Unkn-23	273	38.31	38.42	0.153
D10	FAM	SRIDs 1776/7	Unkn-23	273	38.53	38.42	0.153
D11	FAM	SRIDs 1776/7	Unkn-24	275	38.93	39.04	0.145
D12	FAM	SRIDs 1776/7	Unkn-24	275	39.14	39.04	0.145
E01	FAM	SRIDs 1776/7	Unkn-25	280	36.21	36.32	0.156
E02	FAM	SRIDs 1776/7	Unkn-25	280	36.43	36.32	0.156
E03	FAM	SRIDs 1776/7	Unkn-26	282	37.07	37.52	0.633
E04	FAM	SRIDs 1776/7	Unkn-26	282	37.97	37.52	0.633
E05	FAM	SRIDs 1776/7	Unkn-27	290	39.65	39.34	0.434
E06	FAM	SRIDs 1776/7	Unkn-27	290	39.03	39.34	0.434
E07	FAM	SRIDs 1776/7	Unkn-28	292	36.71	36.50	0.288
E08	FAM	SRIDs 1776/7	Unkn-28	292	36.30	36.50	0.288
E09	FAM	SRIDs 1776/7	Unkn-29	307	N/A	0.00	0.000
E10	FAM	SRIDs 1776/7	Unkn-29	307	N/A	0.00	0.000
E11	FAM	SRIDs 1776/7	Unkn-30	323	N/A	0.00	0.000

Quantification Data

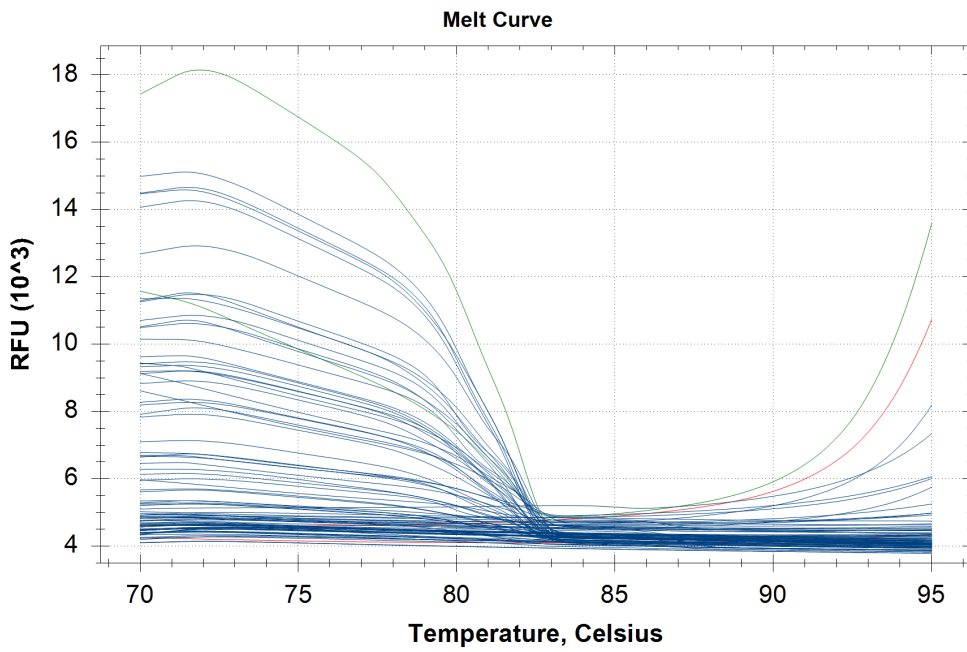
Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
E12	FAM	SRIDs 1776/7	Unkn-30	323	N/A	0.00	0.000
F01	FAM	SRIDs 1776/7	Unkn-31	338	39.90	39.45	0.633
F02	FAM	SRIDs 1776/7	Unkn-31	338	39.00	39.45	0.633
F03	FAM	SRIDs 1776/7	Unkn-32	331	N/A	0.00	0.000
F04	FAM	SRIDs 1776/7	Unkn-32	331	N/A	0.00	0.000
F05	FAM	SRIDs 1776/7	Unkn-33	337	N/A	0.00	0.000
F06	FAM	SRIDs 1776/7	Unkn-33	337	N/A	0.00	0.000
F07	FAM	SRIDs 1776/7	Unkn-34	345	N/A	0.00	0.000
F08	FAM	SRIDs 1776/7	Unkn-34	345	N/A	0.00	0.000
F09	FAM	SRIDs 1776/7	Unkn-35	348	N/A	0.00	0.000
F10	FAM	SRIDs 1776/7	Unkn-35	348	N/A	0.00	0.000
F11	FAM	SRIDs 1776/7	Unkn-36	349	N/A	0.00	0.000
F12	FAM	SRIDs 1776/7	Unkn-36	349	N/A	0.00	0.000
G01	FAM	SRIDs 1776/7	Unkn-37	350	N/A	0.00	0.000
G02	FAM	SRIDs 1776/7	Unkn-37	350	N/A	0.00	0.000
G03	FAM	SRIDs 1776/7	Unkn-38	356	N/A	0.00	0.000
G04	FAM	SRIDs 1776/7	Unkn-38	356	N/A	0.00	0.000
G05	FAM	SRIDs 1776/7	Unkn-39	364	N/A	0.00	0.000
G06	FAM	SRIDs 1776/7	Unkn-39	364	N/A	0.00	0.000
G07	FAM	SRIDs 1776/7	Unkn-40	369	N/A	0.00	0.000
G08	FAM	SRIDs 1776/7	Unkn-40	369	N/A	0.00	0.000
G09	FAM	SRIDs 1776/7	Unkn-41	425	N/A	0.00	0.000
G10	FAM	SRIDs 1776/7	Unkn-41	425	N/A	0.00	0.000
G11	FAM	SRIDs 1776/7	Unkn-42	451	36.88	37.21	0.473
G12	FAM	SRIDs 1776/7	Unkn-42	451	37.55	37.21	0.473
H01	FAM	SRIDs 1776/7	Unkn-43	477	N/A	0.00	0.000
H02	FAM	SRIDs 1776/7	Unkn-43	477	N/A	0.00	0.000
H03	FAM	SRIDs 1776/7	Unkn-44	481	N/A	0.00	0.000

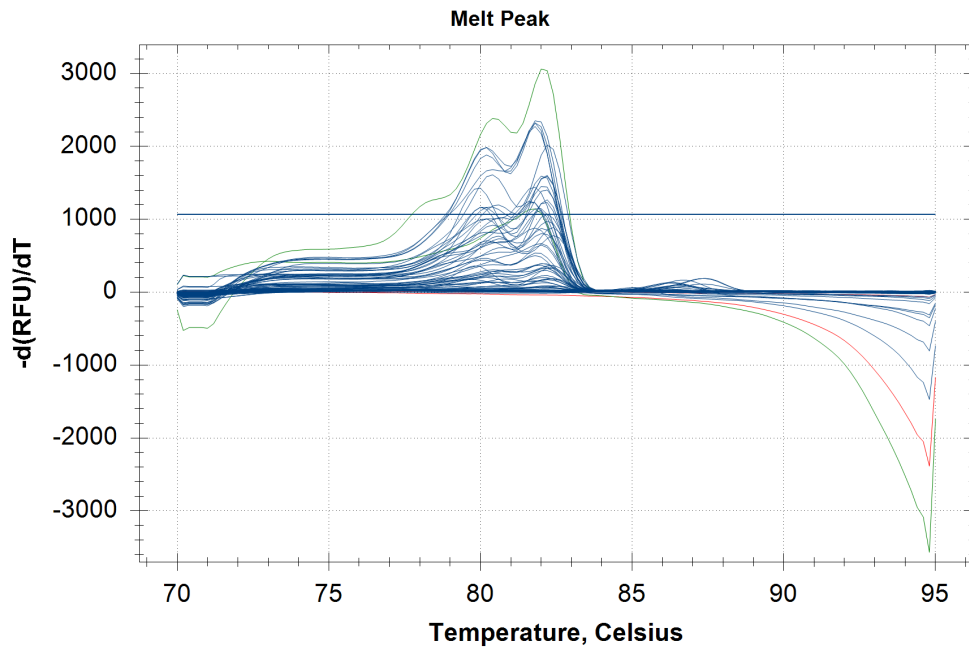
Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
H04	FAM	SRIDs 1776/7	Unkn-44	481	37.35	37.35	0.000
H05	FAM	SRIDs 1776/7	Pos Ctrl-01	dna_6129-403-26	34.15	34.61	0.647
H06	FAM	SRIDs 1776/7	Pos Ctrl-01	dna_6129-403-26	35.07	34.61	0.647
H07	FAM	SRIDs 1776/7	NTC-01		N/A	0.00	0.000
H08	FAM	SRIDs 1776/7	NTC-01		N/A	0.00	0.000

Melt Curve

Step #: 5





Melt Curve Data

Well	Fluor	Target	Content	Sample	Melt Temp
A01	FAM	SRIDs 1776/7	Unkn-01	14	None
A02	FAM	SRIDs 1776/7	Unkn-01	14	None
A03	FAM	SRIDs 1776/7	Unkn-02	113	None
A04	FAM	SRIDs 1776/7	Unkn-02	113	None
A05	FAM	SRIDs 1776/7	Unkn-03	118	None
A06	FAM	SRIDs 1776/7	Unkn-03	118	None
A07	FAM	SRIDs 1776/7	Unkn-04	123	82.20
A08	FAM	SRIDs 1776/7	Unkn-04	123	None
A09	FAM	SRIDs 1776/7	Unkn-05	127	None
A10	FAM	SRIDs 1776/7	Unkn-05	127	None
A11	FAM	SRIDs 1776/7	Unkn-06	206	None
A12	FAM	SRIDs 1776/7	Unkn-06	206	None
B01	FAM	SRIDs 1776/7	Unkn-07	209	82.00
B02	FAM	SRIDs 1776/7	Unkn-07	209	82.20
B02	FAM	SRIDs 1776/7	Unkn-07	209	80.00
B03	FAM	SRIDs 1776/7	Unkn-08	210	82.20
B03	FAM	SRIDs 1776/7	Unkn-08	210	80.40

Melt Curve Data

Well	Fluor	Target	Content	Sample	Melt Temp
B04	FAM	SRIDs 1776/7	Unkn-08	210	82.20
B05	FAM	SRIDs 1776/7	Unkn-09	216	None
B06	FAM	SRIDs 1776/7	Unkn-09	216	None
B07	FAM	SRIDs 1776/7	Unkn-10	219	None
B08	FAM	SRIDs 1776/7	Unkn-10	219	None
B09	FAM	SRIDs 1776/7	Unkn-11	222	None
B10	FAM	SRIDs 1776/7	Unkn-11	222	None
B11	FAM	SRIDs 1776/7	Unkn-12	226	None
B12	FAM	SRIDs 1776/7	Unkn-12	226	None
C01	FAM	SRIDs 1776/7	Unkn-13	229	None
C02	FAM	SRIDs 1776/7	Unkn-13	229	None
C03	FAM	SRIDs 1776/7	Unkn-14	231	81.60
C04	FAM	SRIDs 1776/7	Unkn-14	231	None
C05	FAM	SRIDs 1776/7	Unkn-15	238	None
C06	FAM	SRIDs 1776/7	Unkn-15	238	None
C07	FAM	SRIDs 1776/7	Unkn-16	249	None
C08	FAM	SRIDs 1776/7	Unkn-16	249	None
C09	FAM	SRIDs 1776/7	Unkn-17	257	82.00
C10	FAM	SRIDs 1776/7	Unkn-17	257	82.20
C10	FAM	SRIDs 1776/7	Unkn-17	257	80.60
C11	FAM	SRIDs 1776/7	Unkn-18	259	None
C12	FAM	SRIDs 1776/7	Unkn-18	259	None
D01	FAM	SRIDs 1776/7	Unkn-19	262	None
D02	FAM	SRIDs 1776/7	Unkn-19	262	None
D03	FAM	SRIDs 1776/7	Unkn-20	263	81.80
D03	FAM	SRIDs 1776/7	Unkn-20	263	80.20
D04	FAM	SRIDs 1776/7	Unkn-20	263	81.80
D04	FAM	SRIDs 1776/7	Unkn-20	263	80.20
D05	FAM	SRIDs 1776/7	Unkn-21	264	81.80

Melt Curve Data

Well	Fluor	Target	Content	Sample	Melt Temp
D05	FAM	SRIDs 1776/7	Unkn-21	264	80.40
D06	FAM	SRIDs 1776/7	Unkn-21	264	81.80
D06	FAM	SRIDs 1776/7	Unkn-21	264	80.20
D07	FAM	SRIDs 1776/7	Unkn-22	270	81.60
D08	FAM	SRIDs 1776/7	Unkn-22	270	None
D09	FAM	SRIDs 1776/7	Unkn-23	273	None
D10	FAM	SRIDs 1776/7	Unkn-23	273	None
D11	FAM	SRIDs 1776/7	Unkn-24	275	None
D12	FAM	SRIDs 1776/7	Unkn-24	275	None
E01	FAM	SRIDs 1776/7	Unkn-25	280	82.20
E01	FAM	SRIDs 1776/7	Unkn-25	280	80.00
E02	FAM	SRIDs 1776/7	Unkn-25	280	81.80
E03	FAM	SRIDs 1776/7	Unkn-26	282	82.00
E04	FAM	SRIDs 1776/7	Unkn-26	282	None
E05	FAM	SRIDs 1776/7	Unkn-27	290	None
E06	FAM	SRIDs 1776/7	Unkn-27	290	None
E07	FAM	SRIDs 1776/7	Unkn-28	292	82.20
E07	FAM	SRIDs 1776/7	Unkn-28	292	80.00
E08	FAM	SRIDs 1776/7	Unkn-28	292	80.40
E08	FAM	SRIDs 1776/7	Unkn-28	292	82.00
E09	FAM	SRIDs 1776/7	Unkn-29	307	None
E10	FAM	SRIDs 1776/7	Unkn-29	307	None
E11	FAM	SRIDs 1776/7	Unkn-30	323	None
E12	FAM	SRIDs 1776/7	Unkn-30	323	None
F01	FAM	SRIDs 1776/7	Unkn-31	338	None
F02	FAM	SRIDs 1776/7	Unkn-31	338	None
F03	FAM	SRIDs 1776/7	Unkn-32	331	None
F04	FAM	SRIDs 1776/7	Unkn-32	331	None
F05	FAM	SRIDs 1776/7	Unkn-33	337	None

Melt Curve Data

Well	Fluor	Target	Content	Sample	Melt Temp
F06	FAM	SRIDs 1776/7	Unkn-33	337	None
F07	FAM	SRIDs 1776/7	Unkn-34	345	None
F08	FAM	SRIDs 1776/7	Unkn-34	345	None
F09	FAM	SRIDs 1776/7	Unkn-35	348	None
F10	FAM	SRIDs 1776/7	Unkn-35	348	None
F11	FAM	SRIDs 1776/7	Unkn-36	349	None
F12	FAM	SRIDs 1776/7	Unkn-36	349	None
G01	FAM	SRIDs 1776/7	Unkn-37	350	None
G02	FAM	SRIDs 1776/7	Unkn-37	350	None
G03	FAM	SRIDs 1776/7	Unkn-38	356	None
G04	FAM	SRIDs 1776/7	Unkn-38	356	None
G05	FAM	SRIDs 1776/7	Unkn-39	364	None
G06	FAM	SRIDs 1776/7	Unkn-39	364	None
G07	FAM	SRIDs 1776/7	Unkn-40	369	None
G08	FAM	SRIDs 1776/7	Unkn-40	369	None
G09	FAM	SRIDs 1776/7	Unkn-41	425	None
G10	FAM	SRIDs 1776/7	Unkn-41	425	None
G11	FAM	SRIDs 1776/7	Unkn-42	451	None
G12	FAM	SRIDs 1776/7	Unkn-42	451	None
H01	FAM	SRIDs 1776/7	Unkn-43	477	None
H02	FAM	SRIDs 1776/7	Unkn-43	477	None
H03	FAM	SRIDs 1776/7	Unkn-44	481	None
H04	FAM	SRIDs 1776/7	Unkn-44	481	None
H05	FAM	SRIDs 1776/7	Pos Ctrl- 01	dna_6129-403-26	82.00
H05	FAM	SRIDs 1776/7	Pos Ctrl- 01	dna_6129-403-26	80.40
H06	FAM	SRIDs 1776/7	Pos Ctrl- 01	dna_6129-403-26	81.80
H07	FAM	SRIDs 1776/7	NTC-01		None
H08	FAM	SRIDs 1776/7	NTC-01		None

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	FAM:H5, H6.	False	
Unknown without a Cq	N/A	True	FAM:A1, A2, A3, A4, A5, A6, A9, A10, A11, A12, B5, B6, B7, B8, B9, B10, C1, C2, C6, C7, C8, C11, C12, E9, E10, E11, E12, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12, G1, G2, G3, G4, G5, G6, G7, G8, G9, G10, H1, H2, H3.	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			

Data

Description	Value	Use	Results	Exclude Wells	All excluded wells
Replicate group Cq Std Dev greater than	0.20	True	FAM:A7, A8, B1, B2, B3, B4, B11, B12, C3, C4, C9, C10, D1, D2, D7, D8, E3, E4, E5, E6, E7, E8, F1, F2, G11, G12, H5, H6.	False	