



# Quantification

Step #: 3

Analysis Mode: Fluorophore

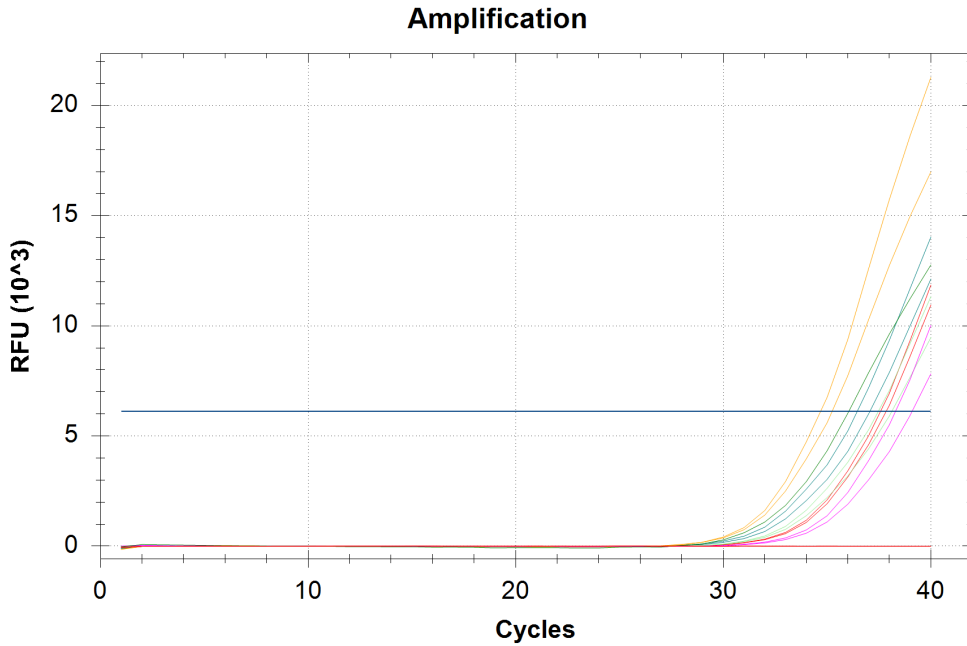
Cq Determination: Single Threshold

Baseline Method:

FAM: Auto Calculated

Threshold Setting:

FAM: 6119.46, Auto Calculated

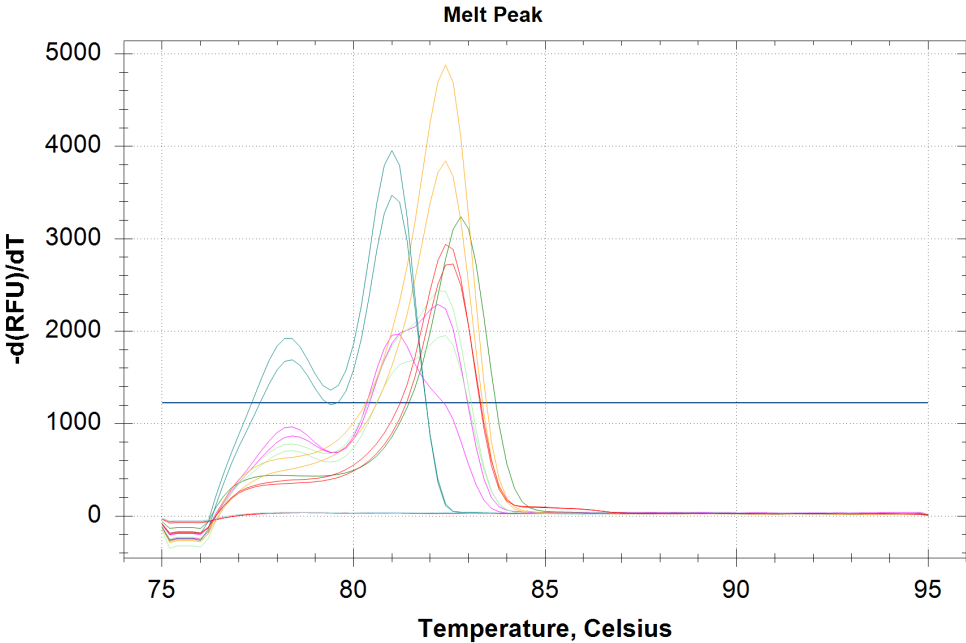
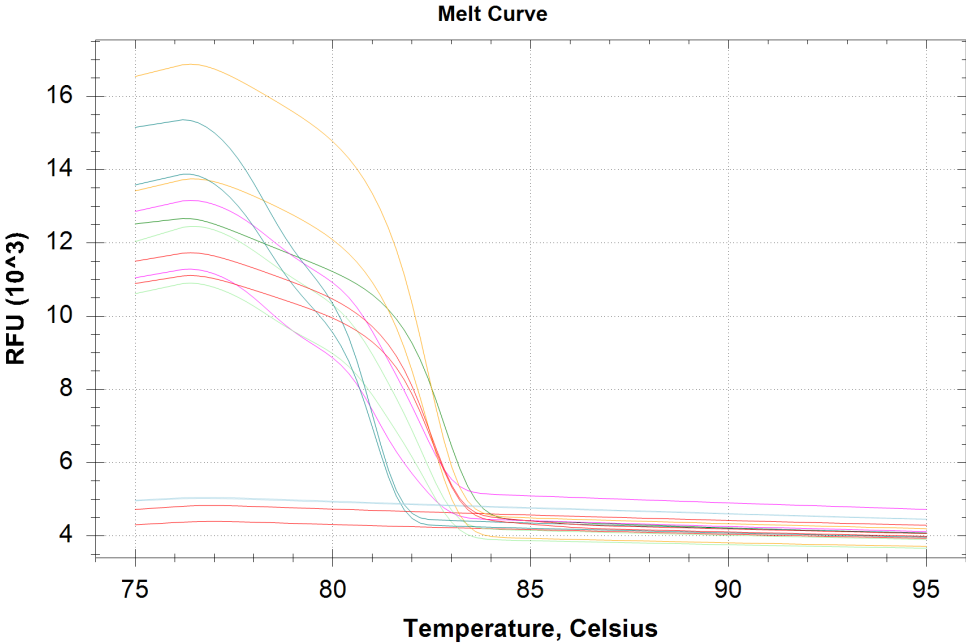


## Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A01	FAM	VTG	Unkn-1	31H	37.85	37.71	0.193
A02	FAM	VTG	Unkn-1	31H	37.57	37.71	0.193
A03	FAM	VTG	Unkn-2	39H	N/A	0.00	0.000
A04	FAM	VTG	Unkn-2	39H	N/A	0.00	0.000
A05	FAM	VTG	Unkn-3	57H	37.06	36.76	0.429
A06	FAM	VTG	Unkn-3	57H	36.45	36.76	0.429
A07	FAM	VTG	Unkn-4	61H	34.69	34.96	0.393
A08	FAM	VTG	Unkn-4	61H	35.24	34.96	0.393
B01	FAM	VTG	Unkn-5	11-08 1H	38.12	37.79	0.460
B02	FAM	VTG	Unkn-5	11-08 1H	37.47	37.79	0.460
B03	FAM	VTG	Unkn-6	11-08 2H	38.30	38.70	0.566
B04	FAM	VTG	Unkn-6	11-08 2H	39.10	38.70	0.566
B05	FAM	VTG	Pos Ctrl		36.05	36.05	0.000
B06	FAM	VTG	NTC-1		N/A	0.00	0.000
B07	FAM	VTG	NTC-1		N/A	0.00	0.000

# Melt Curve

Step #: 5



## Melt Curve Data

Well	Fluor	Target	Content	Sample	Melt Temp
A01	FAM	VTG	Unkn-1	31H	82.60
A02	FAM	VTG	Unkn-1	31H	82.40
A03	FAM	VTG	Unkn-2	39H	None
A04	FAM	VTG	Unkn-2	39H	None

## Melt Curve Data

Well	Fluor	Target	Content	Sample	Melt Temp
A05	FAM	VTG	Unkn-3	57H	78.40
A05	FAM	VTG	Unkn-3	57H	81.00
A06	FAM	VTG	Unkn-3	57H	81.00
A06	FAM	VTG	Unkn-3	57H	78.20
A07	FAM	VTG	Unkn-4	61H	82.40
A08	FAM	VTG	Unkn-4	61H	82.40
B01	FAM	VTG	Unkn-5	11-08 1H	82.40
B02	FAM	VTG	Unkn-5	11-08 1H	82.20
B03	FAM	VTG	Unkn-6	11-08 2H	82.20
B04	FAM	VTG	Unkn-6	11-08 2H	81.20
B05	FAM	VTG	Pos Ctrl		82.80
B06	FAM	VTG	NTC-1		None
B07	FAM	VTG	NTC-1		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:B5.	False	
Unknown without a Cq	N/A	True	FAM:A3, A4.	False	
Standard without a Cq	N/A	True		False	
Efficiency greater than	110.0	True			
Efficiency less than	90.0	True			
Std Curve R <sup>2</sup> less than	0.980	True			
Replicate group Cq Std Dev greater than	0.20	True	FAM:A5, A6, A7, A8, B1, B2, B3, B4.	False	