



## Quantification

Step #: 3

Analysis Mode: Fluorophore

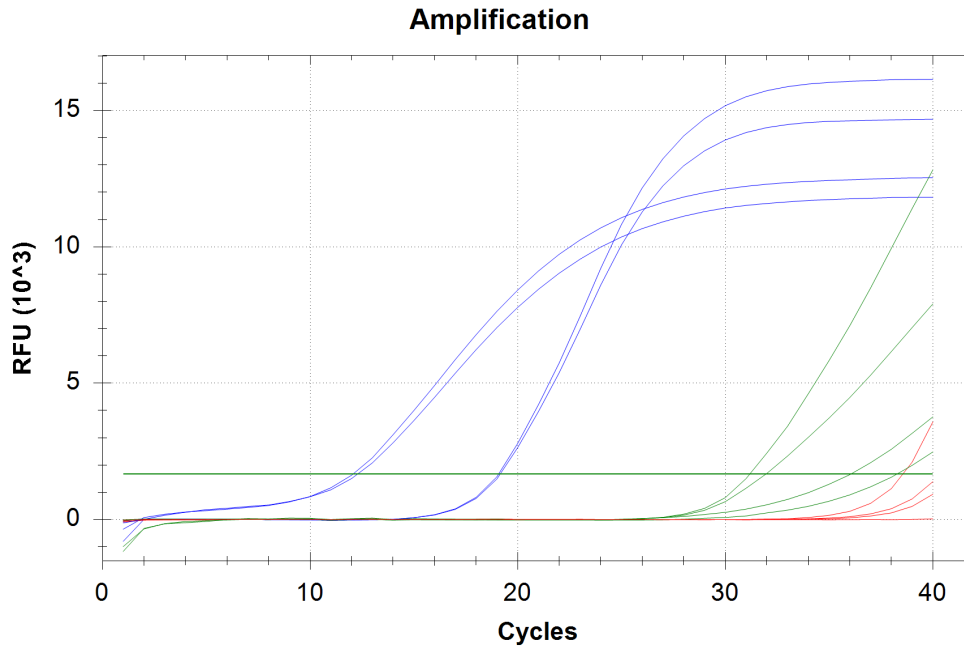
Cq Determination: Single Threshold

Baseline Method:

SYBR: Auto Calculated

Threshold Setting:

SYBR: 1662.81, Auto Calculated



## Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A01	SYBR	TIF3s8-2	Unkn-1	cDNA	19.15	19.12	0.053
A02	SYBR	TIF3s8-2	Unkn-1	cDNA	19.08	19.12	0.053
A03	SYBR	TIF3s8-2	Pos Ctrl-1	gDNA	12.28	12.17	0.153
A04	SYBR	TIF3s8-2	Pos Ctrl-1	gDNA	12.06	12.17	0.153
A05	SYBR	TIF3s8-2	NTC-1		38.55	38.55	0.000
A06	SYBR	TIF3s8-2	NTC-1		N/A	0.00	0.000
B01	SYBR	TIF3s12	Unkn-2	cDNA	31.95	31.56	0.549
B02	SYBR	TIF3s12	Unkn-2	cDNA	31.18	31.56	0.549
B03	SYBR	TIF3s12	Pos Ctrl-2	gDNA	36.04	37.15	1.565
B04	SYBR	TIF3s12	Pos Ctrl-2	gDNA	38.26	37.15	1.565
B05	SYBR	TIF3s12	NTC-2		N/A	0.00	0.000
B06	SYBR	TIF3s12	NTC-2		N/A	0.00	0.000

## QC Parameters

## Data

<b>Description</b>	<b>Value</b>	<b>Use</b>	<b>Results</b>	<b>Exclude Wells</b>	<b>All excluded wells</b>
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	SYBR:B3, B4.	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 <sup>2</sup> less than	0.980	True			
Replicate group Cq Std Dev greater than	0.20	True	SYBR:B1, B2, B3, B4.	False	