

Quantification

Step #: 3

Analysis Mode: Fluorophore

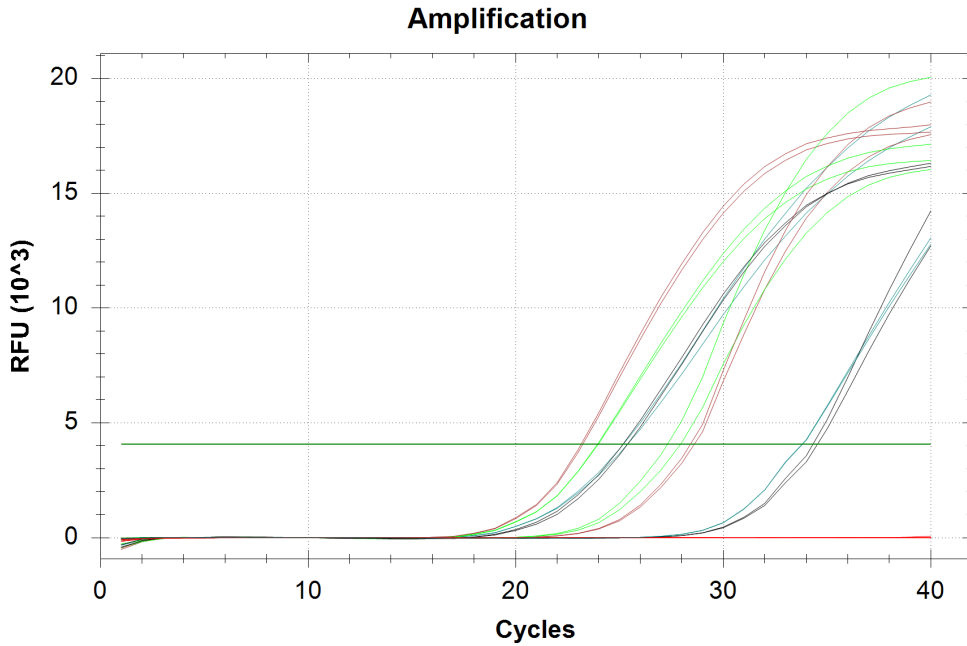
Cq Determination: Single Threshold

Baseline Method:

SYBR: Auto Calculated

Threshold Setting:

SYBR: 4076.17, Auto Calculated



Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A01	SYBR	RPL5 v2	Unkn-1		28.61	28.51	0.134
A02	SYBR	RPL5 v2	Unkn-1		28.42	28.51	0.134
A03	SYBR	RPL5 v2	Pos Ctrl-1		23.24	23.20	0.057
A04	SYBR	RPL5 v2	Pos Ctrl-1		23.15	23.20	0.057
A05	SYBR	RPL5 v2	NTC-1		N/A	0.00	0.000
A06	SYBR	RPL5 v2	NTC-1		N/A	0.00	0.000
B01	SYBR	RPL5 v3	Unkn-2		27.94	27.63	0.446
B02	SYBR	RPL5 v3	Unkn-2		27.31	27.63	0.446
B03	SYBR	RPL5 v3	Pos Ctrl-2		23.98	23.96	0.026
B04	SYBR	RPL5 v3	Pos Ctrl-2		23.95	23.96	0.026
B05	SYBR	RPL5 v3	NTC-2		N/A	0.00	0.000
B06	SYBR	RPL5 v3	NTC-2		N/A	0.00	0.000
C01	SYBR	TIF3s6b v2	Unkn-3		34.54	34.43	0.154
C02	SYBR	TIF3s6b v2	Unkn-3		34.32	34.43	0.154
C03	SYBR	TIF3s6b v2	Pos Ctrl-3		25.17	25.28	0.154

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
C04	SYBR	TIF3s6b v2	Pos Ctrl-3		25.39	25.28	0.154
C05	SYBR	TIF3s6b v2	NTC-3		N/A	0.00	0.000
C06	SYBR	TIF3s6b v2	NTC-3		N/A	0.00	0.000
D01	SYBR	TIF3s6b v3	Unkn-4		33.82	33.81	0.021
D02	SYBR	TIF3s6b v3	Unkn-4		33.79	33.81	0.021
D03	SYBR	TIF3s6b v3	Pos Ctrl-4		25.39	25.29	0.143
D04	SYBR	TIF3s6b v3	Pos Ctrl-4		25.19	25.29	0.143
D05	SYBR	TIF3s6b v3	NTC-4		N/A	0.00	0.000
D06	SYBR	TIF3s6b v3	NTC-4		N/A	0.00	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	
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	SYBR:B1, B2.	False	