

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
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Quantification

Step #: 3

Analysis Mode: Fluorophore

Cq Determination: Single Threshold

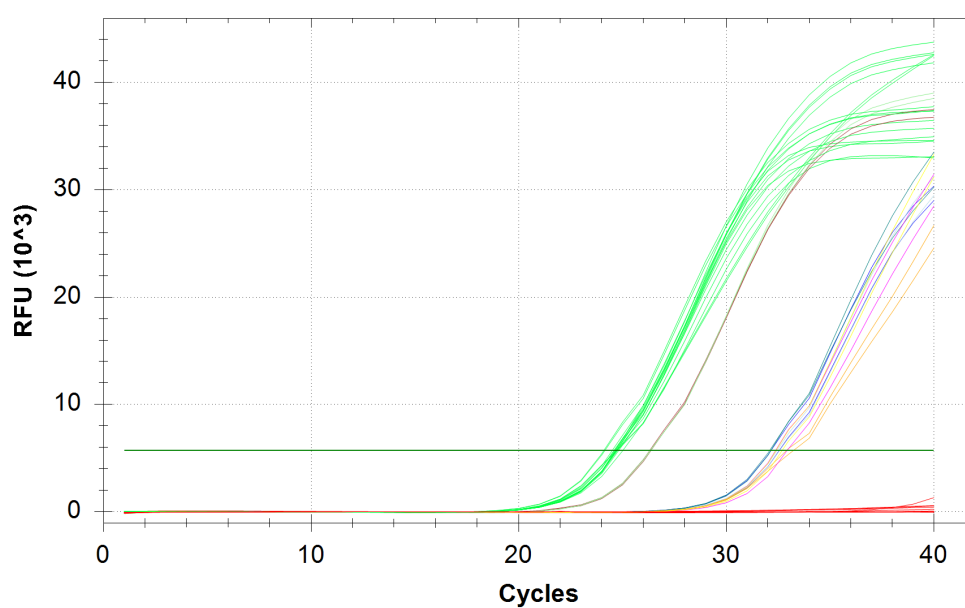
Baseline Method:

SYBR: Auto Calculated

Threshold Setting:

SYBR: 5743.56, Auto Calculated

Amplification



Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A01	SYBR	28s v1	Unkn-1	cDNA pool	32.56	32.36	0.281
A02	SYBR	28s v1	Unkn-1	cDNA pool	32.16	32.36	0.281
A03	SYBR	28s v1	Pos Ctrl-1	gDNA	24.71	24.75	0.044
A04	SYBR	28s v1	Pos Ctrl-1	gDNA	24.78	24.75	0.044
A05	SYBR	28s v1	NTC-1		N/A	0.00	0.000
A06	SYBR	28s v1	NTC-1		N/A	0.00	0.000
A07	SYBR	28s v2	Unkn-2	cDNA pool	32.58	32.52	0.091
A08	SYBR	28s v2	Unkn-2	cDNA pool	32.45	32.52	0.091
A09	SYBR	28s v2	Pos Ctrl-2	gDNA	24.83	24.93	0.142

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A10	SYBR	28s v2	Pos Ctrl-2	gDNA	25.03	24.93	0.142
A11	SYBR	28s v2	NTC-2		N/A	0.00	0.000
A12	SYBR	28s v2	NTC-2		N/A	0.00	0.000
B01	SYBR	28s v3	Unkn-3	cDNA pool	32.10	32.13	0.041
B02	SYBR	28s v3	Unkn-3	cDNA pool	32.16	32.13	0.041
B03	SYBR	28s v3	Pos Ctrl-3	gDNA	24.52	24.56	0.058
B04	SYBR	28s v3	Pos Ctrl-3	gDNA	24.60	24.56	0.058
B05	SYBR	28s v3	NTC-3		N/A	0.00	0.000
B06	SYBR	28s v3	NTC-3		N/A	0.00	0.000
B07	SYBR	28s v4	Unkn-4	cDNA pool	33.25	33.08	0.240
B08	SYBR	28s v4	Unkn-4	cDNA pool	32.91	33.08	0.240
B09	SYBR	28s v4	Pos Ctrl-4	gDNA	24.75	24.73	0.019
B10	SYBR	28s v4	Pos Ctrl-4	gDNA	24.72	24.73	0.019
B11	SYBR	28s v4	NTC-4		N/A	0.00	0.000
B12	SYBR	28s v4	NTC-4		N/A	0.00	0.000
C01	SYBR	EF1a v1	Unkn-5	cDNA pool	26.32	26.35	0.045
C02	SYBR	EF1a v1	Unkn-5	cDNA pool	26.38	26.35	0.045
C03	SYBR	EF1a v1	Pos Ctrl-5	gDNA	24.63	24.69	0.086
C04	SYBR	EF1a v1	Pos Ctrl-5	gDNA	24.75	24.69	0.086
C05	SYBR	EF1a v1	NTC-5		N/A	0.00	0.000
C06	SYBR	EF1a v1	NTC-5		N/A	0.00	0.000
C07	SYBR	EF1a v2	Unkn-6	cDNA pool	26.33	26.35	0.028
C08	SYBR	EF1a v2	Unkn-6	cDNA pool	26.37	26.35	0.028
C09	SYBR	EF1a v2	Pos Ctrl-6	gDNA	24.16	24.14	0.036
C10	SYBR	EF1a v2	Pos Ctrl-6	gDNA	24.11	24.14	0.036
C11	SYBR	EF1a v2	NTC-6		N/A	0.00	0.000
C12	SYBR	EF1a v2	NTC-6		N/A	0.00	0.000
D01	SYBR	EF1a v3	Unkn-7	cDNA pool	32.94	32.66	0.395
D02	SYBR	EF1a v3	Unkn-7	cDNA pool	32.38	32.66	0.395
D03	SYBR	EF1a v3	Pos Ctrl-7	gDNA	24.66	24.68	0.028
D04	SYBR	EF1a v3	Pos Ctrl-7	gDNA	24.70	24.68	0.028

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
D05	SYBR	EF1a v3	NTC-7		N/A	0.00	0.000
D06	SYBR	EF1a v3	NTC-7		N/A	0.00	0.000
D07	SYBR	EF1a v4	Unkn-8	cDNA pool	32.70	32.55	0.209
D08	SYBR	EF1a v4	Unkn-8	cDNA pool	32.40	32.55	0.209
D09	SYBR	EF1a v4	Pos Ctrl-8	gDNA	24.72	24.69	0.045
D10	SYBR	EF1a v4	Pos Ctrl-8	gDNA	24.66	24.69	0.045
D11	SYBR	EF1a v4	NTC-8		N/A	0.00	0.000
D12	SYBR	EF1a v4	NTC-8		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			
Replicate group Cq Std Dev greater than	0.20	True	SYBR:A1, A2, B7, B8, D1, D2, D7, D8.	False	