

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

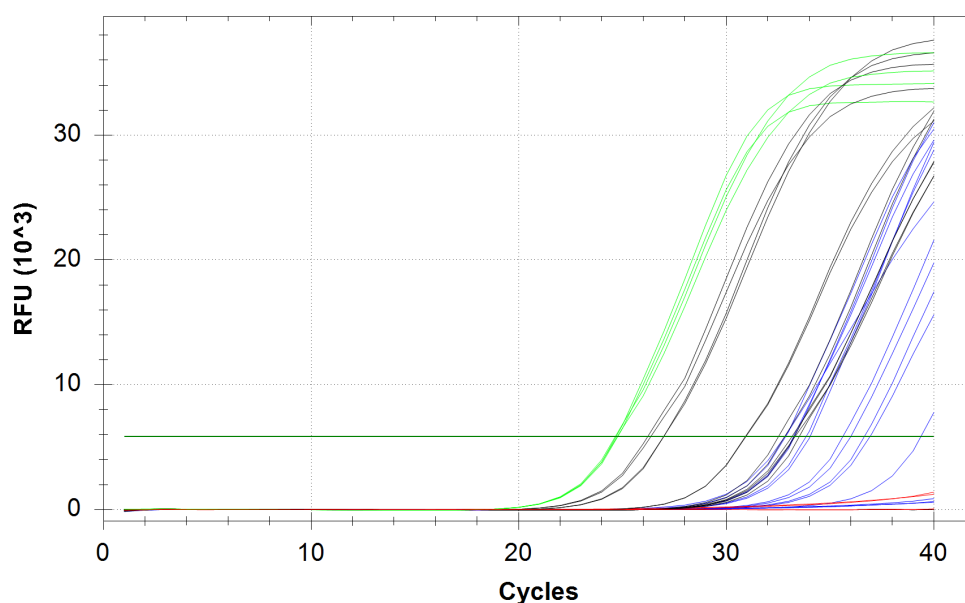
Baseline Method:

SYBR: Auto Calculated

Threshold Setting:

SYBR: 5850.26, Auto Calculated

Amplification



Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A01	SYBR	28s-v4	Unkn-01	1	36.65	36.13	0.732
A02	SYBR	28s-v4	Unkn-01	1	35.61	36.13	0.732
A03	SYBR	28s-v4	Unkn-02	2	36.00	36.46	0.651
A04	SYBR	28s-v4	Unkn-02	2	36.92	36.46	0.651
A05	SYBR	28s-v4	Unkn-03	19	N/A	0.00	0.000
A06	SYBR	28s-v4	Unkn-03	19	N/A	0.00	0.000
A07	SYBR	28s-v4	Unkn-04	27	33.24	33.26	0.035
A08	SYBR	28s-v4	Unkn-04	27	33.29	33.26	0.035
A09	SYBR	28s-v4	Unkn-05	62	32.86	32.84	0.029
A10	SYBR	28s-v4	Unkn-05	62	32.82	32.84	0.029
A11	SYBR	28s-v4	Unkn-06	59	39.37	39.37	0.000
A12	SYBR	28s-v4	Unkn-06	59	N/A	0.00	0.000
B01	SYBR	28s-v4	Unkn-07	66	33.85	33.94	0.134
B02	SYBR	28s-v4	Unkn-07	66	34.04	33.94	0.134

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
B03	SYBR	28s-v4	Pos Ctrl-01		24.69	24.73	0.056
B04	SYBR	28s-v4	Pos Ctrl-01		24.77	24.73	0.056
B05	SYBR	28s-v4	NTC-01		N/A	0.00	0.000
B06	SYBR	28s-v4	NTC-01		N/A	0.00	0.000
C01	SYBR	EF1-v1	Unkn-08	1	32.51	32.66	0.212
C02	SYBR	EF1-v1	Unkn-08	1	32.81	32.66	0.212
C03	SYBR	EF1-v1	Unkn-09	2	26.22	26.29	0.106
C04	SYBR	EF1-v1	Unkn-09	2	26.36	26.29	0.106
C05	SYBR	EF1-v1	Unkn-10	19	N/A	0.00	0.000
C06	SYBR	EF1-v1	Unkn-10	19	N/A	0.00	0.000
C07	SYBR	EF1-v1	Unkn-11	27	30.92	30.93	0.019
C08	SYBR	EF1-v1	Unkn-11	27	30.94	30.93	0.019
C09	SYBR	EF1-v1	Unkn-12	62	33.31	33.24	0.107
C10	SYBR	EF1-v1	Unkn-12	62	33.16	33.24	0.107
C11	SYBR	EF1-v1	Unkn-13	59	26.98	26.99	0.005
C12	SYBR	EF1-v1	Unkn-13	59	26.99	26.99	0.005
D01	SYBR	EF1-v1	Unkn-14	66	33.52	33.39	0.172
D02	SYBR	EF1-v1	Unkn-14	66	33.27	33.39	0.172
D03	SYBR	EF1-v1	Pos Ctrl-02		24.65	24.70	0.069
D04	SYBR	EF1-v1	Pos Ctrl-02		24.75	24.70	0.069
D05	SYBR	EF1-v1	NTC-02		N/A	0.00	0.000
D06	SYBR	EF1-v1	NTC-02		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	SYBR:A5, A6, A12, C5, C6.	False	

Data

Description	Value	Use	Results	Exclude Wells	All excluded wells
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, A3, A4, C1, C2.	False	