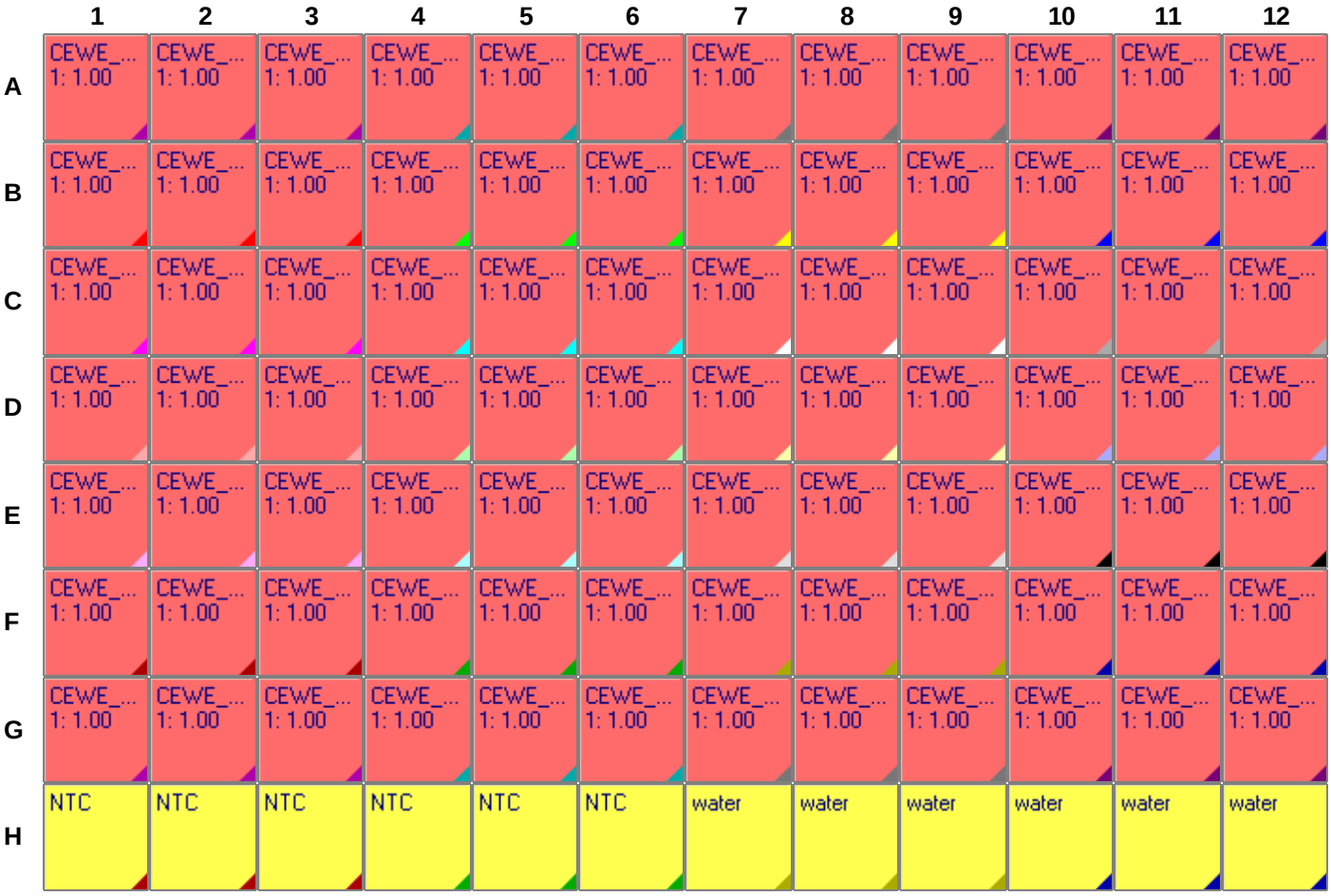
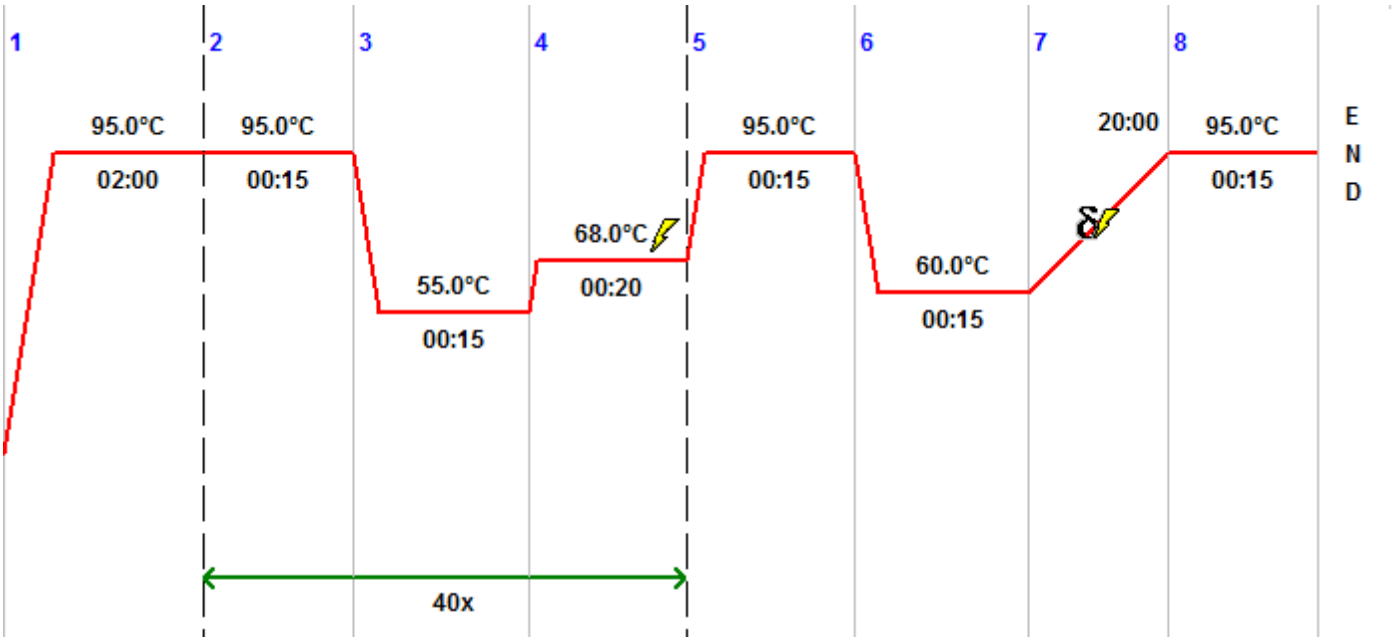
Document information

Software:	realplex 2.2	
File Name:	EPPENDORF\Yasmin_Crypto_Projec	
Printed by:	EPPENDORF	
Created:	Oct/18/2018 08:47	
Serial No. Thermo Module:	6325 30387	
Serial No. realplex Module.:	630011465	
Acquisition Start Time:	EPPENDORF	Oct/18/2018 09:31
Acquisition End Time:	EPPENDORF	Oct/18/2018 10:59
Last updated:	EPPENDORF	Sep/05/2018 11:56
Background:	Sarstedt-20µl	Sep/12/2011 10:28
Color Calibration:	SYBR	Mar/12/2018 15:31
3042_3059	Quantification	Oct/18/2018 11:04
	Melting Curve	Oct/18/2018 11:05
Inverted Data:	OFF	
Comment:		

Plate layout



PCR Program

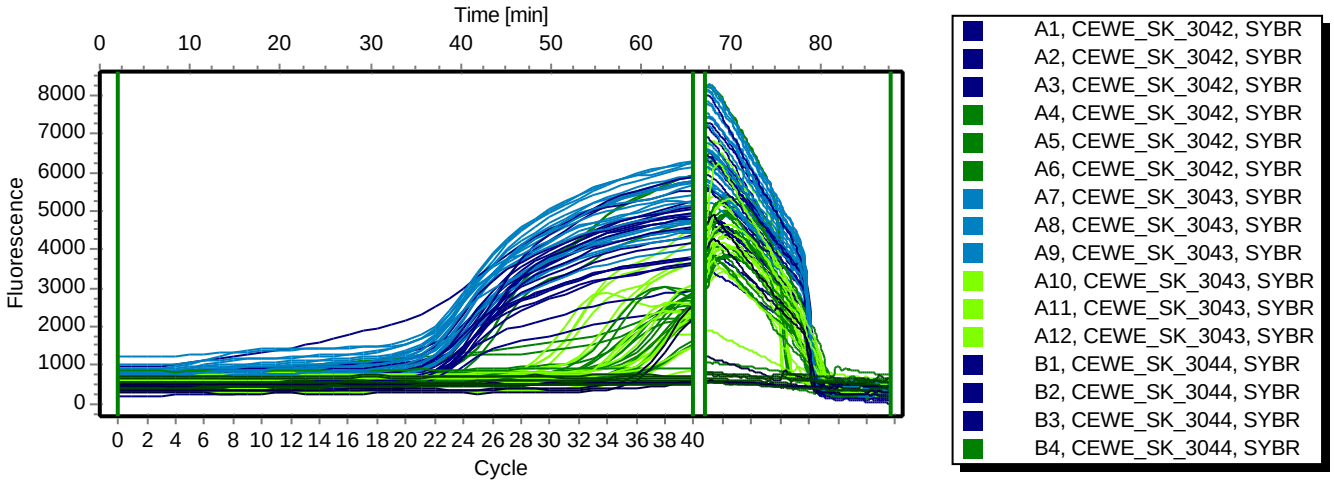


Program Header

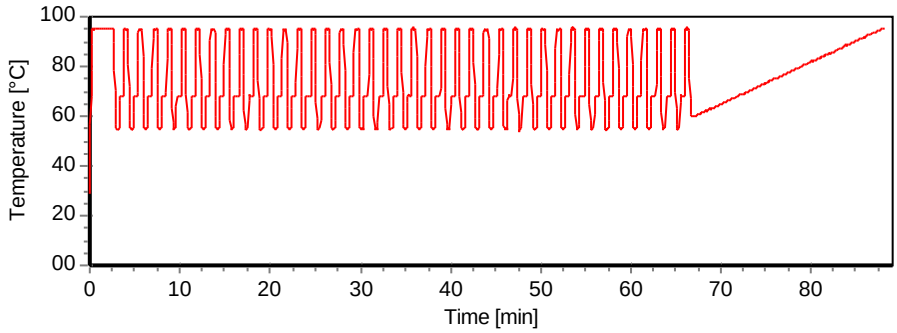
Lid Temp	105 °C	TSP Heated Lid	Yes
Temp. Mode	Standard	Switch off lid at low block temp	No
Impulse	No	Simulate Mastercycler gradient	No

Raw Data SYBR

Fluorescence Profile



Temperature Profile



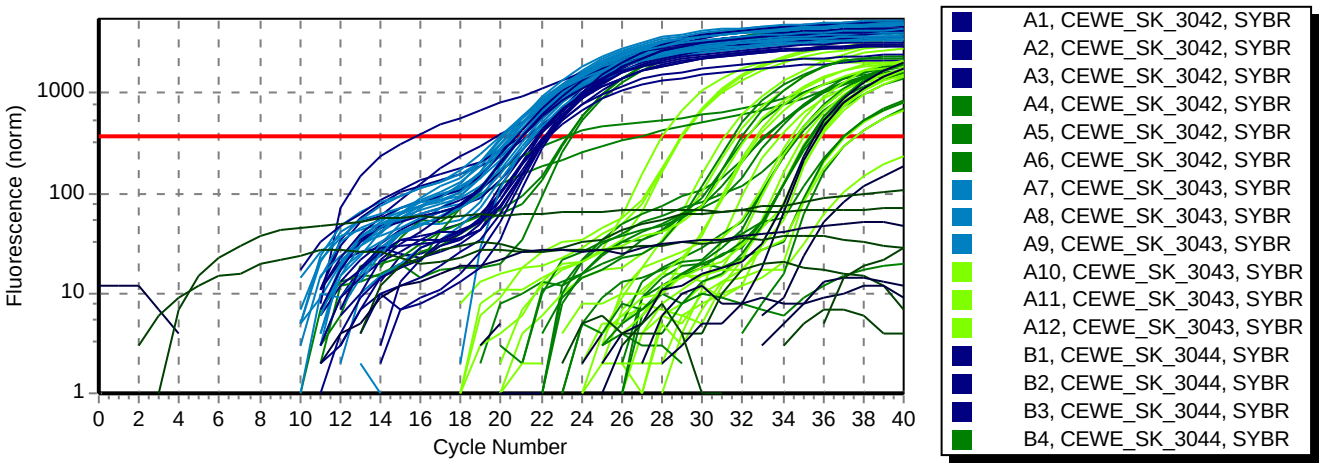
Quantification SYBR

Pos	Name	Ct SYBR	Ct Mean SYBR	Ct Dev. SYBR	Amount SYBR [Copies]	Amount Mean SYBR	Amount Dev. SYBR	Target SYBR
A1	CEWE_SK_3042	22.29	22.01	0.24	1.00			mouse
A2	CEWE_SK_3042	21.86	22.01	0.24	1.00			mouse
A3	CEWE_SK_3042	21.88	22.01	0.24	1.00			mouse
A4	CEWE_SK_3042	23.26	23.36	0.11	1.00			eimeria
A5	CEWE_SK_3042	23.34	23.36	0.11	1.00			eimeria
A6	CEWE_SK_3042	23.48	23.36	0.11	1.00			eimeria
A7	CEWE_SK_3043	20.59	20.74	0.20	1.00			mouse
A8	CEWE_SK_3043	20.96	20.74	0.20	1.00			mouse
A9	CEWE_SK_3043	20.67	20.74	0.20	1.00			mouse
A10	CEWE_SK_3043	28.97	28.97	0.01	1.00			eimeria
A11	CEWE_SK_3043	28.98	28.97	0.01	1.00			eimeria
A12	CEWE_SK_3043	28.97	28.97	0.01	1.00			eimeria
B1	CEWE_SK_3044	15.75	18.93	2.84	1.00			mouse
B2	CEWE_SK_3044	19.79	18.93	2.84	1.00			mouse
B3	CEWE_SK_3044	21.24	18.93	2.84	1.00			mouse
B4	CEWE_SK_3044	26.83	27.74	5.10	1.00			eimeria
B5	CEWE_SK_3044	23.15	27.74	5.10	1.00			eimeria
B6	CEWE_SK_3044	33.22	27.74	5.10	1.00			eimeria
B7	CEWE_SK_3047	20.32	20.45	0.20	1.00			mouse
B8	CEWE_SK_3047	20.68	20.45	0.20	1.00			mouse
B9	CEWE_SK_3047	20.36	20.45	0.20	1.00			mouse
B10	CEWE_SK_3047	31.72	30.28	1.99	1.00			eimeria
B11	CEWE_SK_3047	31.12	30.28	1.99	1.00			eimeria
B12	CEWE_SK_3047	28.01	30.28	1.99	1.00			eimeria
C1	CEWE_SK_3048	20.97	21.47	0.46	1.00			mouse
C2	CEWE_SK_3048	21.61	21.47	0.46	1.00			mouse
C3	CEWE_SK_3048	21.85	21.47	0.46	1.00			mouse
C4	CEWE_SK_3048	34.63	33.74	0.78	1.00			eimeria
C5	CEWE_SK_3048	33.48	33.74	0.78	1.00			eimeria
C6	CEWE_SK_3048	33.13	33.74	0.78	1.00			eimeria
C7	CEWE_SK_3049	20.95	21.31	0.32	1.00			mouse
C8	CEWE_SK_3049	21.40	21.31	0.32	1.00			mouse
C9	CEWE_SK_3049	21.58	21.31	0.32	1.00			mouse
C10	CEWE_SK_3049	35.33	34.88	0.92	1.00			eimeria
C11	CEWE_SK_3049	35.50	34.88	0.92	1.00			eimeria

Pos	Name	Ct SYBR	Ct Mean SYBR	Ct Dev. SYBR	Amount SYBR [Copies]	Amount Mean SYBR	Amount Dev. SYBR	Target SYBR
C12	CEWE_SK_3049	33.82	34.88	0.92	1.00			eimeria
D1	CEWE_SK_3050	21.77	22.06	0.27	1.00			mouse
D2	CEWE_SK_3050	22.12	22.06	0.27	1.00			mouse
D3	CEWE_SK_3050	22.29	22.06	0.27	1.00			mouse
D4	CEWE_SK_3050	34.64	33.89	1.39	1.00			eimeria
D5	CEWE_SK_3050	34.74	33.89	1.39	1.00			eimeria
D6	CEWE_SK_3050	32.28	33.89	1.39	1.00			eimeria
D7	CEWE_SK_3051	21.27	21.26	0.24	1.00			mouse
D8	CEWE_SK_3051	21.01	21.26	0.24	1.00			mouse
D9	CEWE_SK_3051	21.49	21.26	0.24	1.00			mouse
D10	CEWE_SK_3051		35.86	1.75	1.00			eimeria
D11	CEWE_SK_3051	37.10	35.86	1.75	1.00			eimeria
D12	CEWE_SK_3051	34.63	35.86	1.75	1.00			eimeria
E1	CEWE_SK_3052	22.21	22.25	0.10	1.00			mouse
E2	CEWE_SK_3052	22.17	22.25	0.10	1.00			mouse
E3	CEWE_SK_3052	22.35	22.25	0.10	1.00			mouse
E4	CEWE_SK_3052	37.00	34.83	2.58	1.00			eimeria
E5	CEWE_SK_3052	35.52	34.83	2.58	1.00			eimeria
E6	CEWE_SK_3052	31.97	34.83	2.58	1.00			eimeria
E7	CEWE_SK_3053	20.96	20.95	0.05	1.00			mouse
E8	CEWE_SK_3053	20.90	20.95	0.05	1.00			mouse
E9	CEWE_SK_3053	20.99	20.95	0.05	1.00			mouse
E10	CEWE_SK_3053	35.72	34.54	1.49	1.00			eimeria
E11	CEWE_SK_3053	35.03	34.54	1.49	1.00			eimeria
E12	CEWE_SK_3053	32.87	34.54	1.49	1.00			eimeria
F1	CEWE_SK_3054	21.02	20.92	0.18	1.00			mouse
F2	CEWE_SK_3054	20.71	20.92	0.18	1.00			mouse
F3	CEWE_SK_3054	21.03	20.92	0.18	1.00			mouse
F4	CEWE_SK_3054	35.40	34.65	2.79	1.00			eimeria
F5	CEWE_SK_3054	36.99	34.65	2.79	1.00			eimeria
F6	CEWE_SK_3054	31.56	34.65	2.79	1.00			eimeria
F7	CEWE_SK_3057	20.13	20.06	0.10	1.00			mouse
F8	CEWE_SK_3057	19.95	20.06	0.10	1.00			mouse
F9	CEWE_SK_3057	20.11	20.06	0.10	1.00			mouse
F10	CEWE_SK_3057	35.85	34.18	1.80	1.00			eimeria
F11	CEWE_SK_3057	34.40	34.18	1.80	1.00			eimeria
F12	CEWE_SK_3057	32.28	34.18	1.80	1.00			eimeria
G1	CEWE_SK_3058	22.15	22.27	0.12	1.00			mouse
G2	CEWE_SK_3058	22.39	22.27	0.12	1.00			mouse

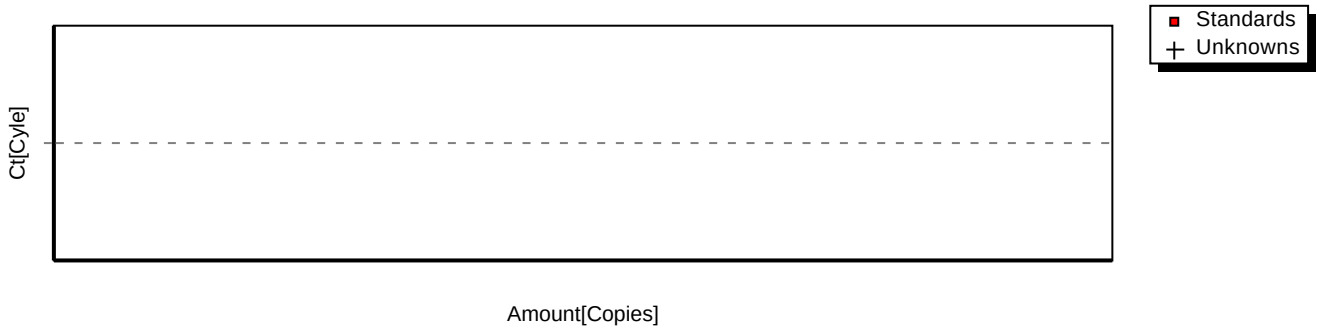
Pos	Name	Ct SYBR	Ct Mean SYBR	Ct Dev. SYBR	Amount SYBR [Copies]	Amount Mean SYBR	Amount Dev. SYBR	Target SYBR
G3	CEWE_SK_3058	22.27	22.27	0.12	1.00			mouse
G4	CEWE_SK_3058		36.46	1.60	1.00			eimeria
G5	CEWE_SK_3058	37.59	36.46	1.60	1.00			eimeria
G6	CEWE_SK_3058	35.32	36.46	1.60	1.00			eimeria
G7	CEWE_SK_3059	20.51	20.44	0.12	1.00			mouse
G8	CEWE_SK_3059	20.30	20.44	0.12	1.00			mouse
G9	CEWE_SK_3059	20.50	20.44	0.12	1.00			mouse
G10	CEWE_SK_3059	35.84	35.38	2.48	1.00			eimeria
G11	CEWE_SK_3059	37.60	35.38	2.48	1.00			eimeria
G12	CEWE_SK_3059	32.71	35.38	2.48	1.00			eimeria
H1	NTC	35.56	35.63	0.10	-			mouse
H2	NTC	35.70	35.63	0.10	-			mouse
H3	NTC	-	35.63	0.10	-			mouse
H4	NTC	-			-			eimeria
H5	NTC	-			-			eimeria
H6	NTC	-			-			eimeria
H7	water	-			-			mouse
H8	water	-			-			mouse
H9	water	-			-			mouse
H10	water	-			-			eimeria
H11	water	-			-			eimeria
H12	water	-			-			eimeria

Amplification Plot



Threshold	371 (Noiseband)
Baseline	automatic, Drift correction OFF

Standard curve



Slope	-	R^2	-
Y-Intercept	-	Efficiency	-

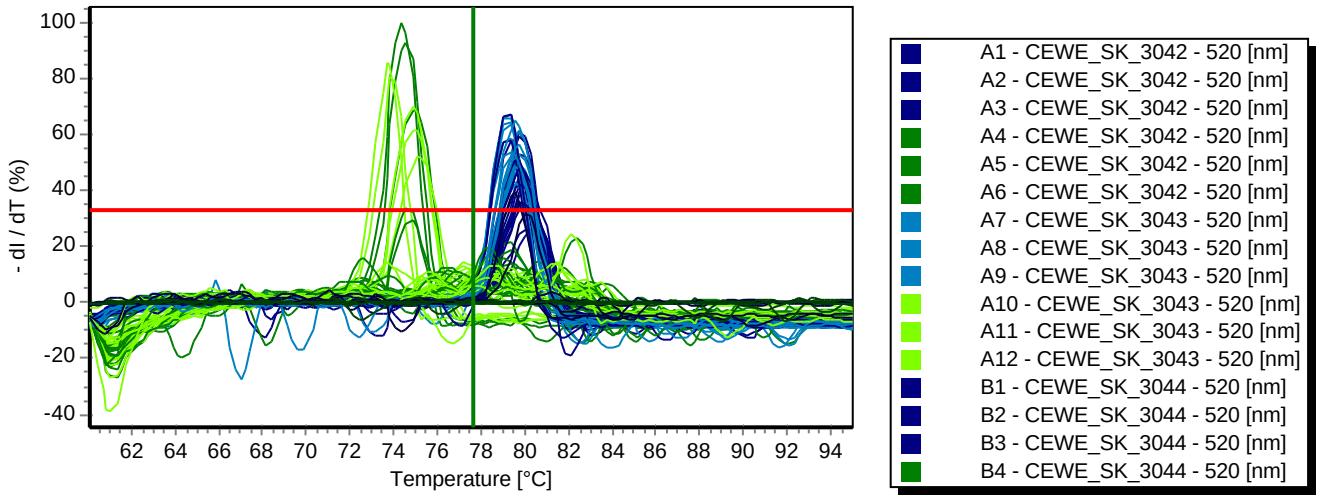
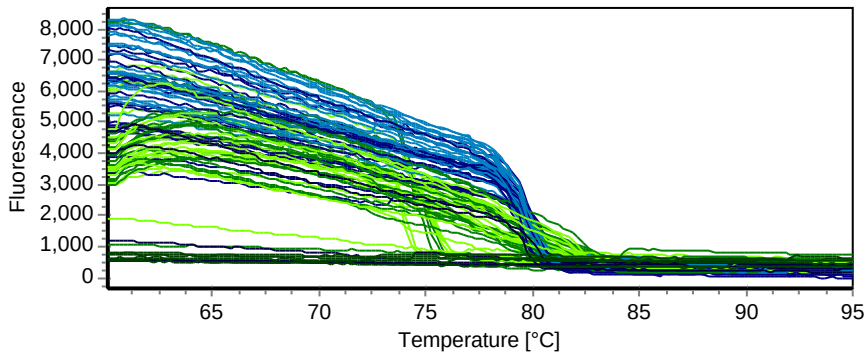
Melting Curve SYBR

Pos	Name	No. Tm SYBR	Tm x (°C) SYBR	Tm y (°C) SYBR	Mean SYBR	Dev. SYBR
A1	CEWE_SK_3042	1	79.5			
A2	CEWE_SK_3042	1	79.8			
A3	CEWE_SK_3042	1	79.8			
A4	CEWE_SK_3042	1	74.3			
A5	CEWE_SK_3042	1	74.6			
A6	CEWE_SK_3042	1	75.0			
A7	CEWE_SK_3043	1	79.7			
A8	CEWE_SK_3043	1	79.7			
A9	CEWE_SK_3043	1	79.6			
A10	CEWE_SK_3043	1	74.9			
A11	CEWE_SK_3043	1	75.0			
A12	CEWE_SK_3043	1	75.1			
B1	CEWE_SK_3044	1	79.8			
B2	CEWE_SK_3044	1	80.1			
B3	CEWE_SK_3044	1	80.1			
B4	CEWE_SK_3044	0				
B5	CEWE_SK_3044	0				
B6	CEWE_SK_3044	0				
B7	CEWE_SK_3047	1	79.2			
B8	CEWE_SK_3047	1	79.2			
B9	CEWE_SK_3047	1	79.2			
B10	CEWE_SK_3047	1	73.7			
B11	CEWE_SK_3047	1	73.9			
B12	CEWE_SK_3047	0				
C1	CEWE_SK_3048	1	79.9			
C2	CEWE_SK_3048	1	80.0			
C3	CEWE_SK_3048	1	80.0			
C4	CEWE_SK_3048	1	74.7			
C5	CEWE_SK_3048	0				
C6	CEWE_SK_3048	0				
C7	CEWE_SK_3049	1	79.7			
C8	CEWE_SK_3049	1	79.6			
C9	CEWE_SK_3049	1	79.6			
C10	CEWE_SK_3049	0				
C11	CEWE_SK_3049	0				
C12	CEWE_SK_3049	0				

Pos	Name	No. Tm SYBR	Tm x (°C) SYBR	Tm y (°C) SYBR	Mean SYBR	Dev. SYBR
D1	CEWE_SK_3050	1	80.0			
D2	CEWE_SK_3050	0				
D3	CEWE_SK_3050	0				
D4	CEWE_SK_3050	0				
D5	CEWE_SK_3050	0				
D6	CEWE_SK_3050	0				
D7	CEWE_SK_3051	1	79.2			
D8	CEWE_SK_3051	1	79.2			
D9	CEWE_SK_3051	1	79.2			
D10	CEWE_SK_3051	0				
D11	CEWE_SK_3051	0				
D12	CEWE_SK_3051	0				
E1	CEWE_SK_3052	1	79.6			
E2	CEWE_SK_3052	1	79.8			
E3	CEWE_SK_3052	1	79.8			
E4	CEWE_SK_3052	0				
E5	CEWE_SK_3052	0				
E6	CEWE_SK_3052	0				
E7	CEWE_SK_3053	1	79.6			
E8	CEWE_SK_3053	1	79.6			
E9	CEWE_SK_3053	1	79.5			
E10	CEWE_SK_3053	0				
E11	CEWE_SK_3053	0				
E12	CEWE_SK_3053	0				
F1	CEWE_SK_3054	1	79.2			
F2	CEWE_SK_3054	1	79.7			
F3	CEWE_SK_3054	1	79.9			
F4	CEWE_SK_3054	0				
F5	CEWE_SK_3054	0				
F6	CEWE_SK_3054	0				
F7	CEWE_SK_3057	1	79.8			
F8	CEWE_SK_3057	1	79.7			
F9	CEWE_SK_3057	1	79.6			
F10	CEWE_SK_3057	0				
F11	CEWE_SK_3057	0				
F12	CEWE_SK_3057	0				
G1	CEWE_SK_3058	1	79.2			
G2	CEWE_SK_3058	1	79.6			
G3	CEWE_SK_3058	1	79.8			
G4	CEWE_SK_3058	0				

Pos	Name	No. Tm SYBR	Tm x (°C) SYBR	Tm y (°C) SYBR	Mean SYBR	Dev. SYBR
G5	CEWE_SK_3058	0				
G6	CEWE_SK_3058	0				
G7	CEWE_SK_3059	1	79.7			
G8	CEWE_SK_3059	1	79.6			
G9	CEWE_SK_3059	1	79.5			
G10	CEWE_SK_3059	0				
G11	CEWE_SK_3059	0				
G12	CEWE_SK_3059	0				
H1	NTC	1	79.5		79.5	0.0
H2	NTC	0			79.5	
H3	NTC	0			79.5	
H4	NTC	0				
H5	NTC	0				
H6	NTC	0				
H7	water	0				
H8	water	0				
H9	water	0				
H10	water	0				
H11	water	0				
H12	water	0				

Melting curve



Threshold 33%