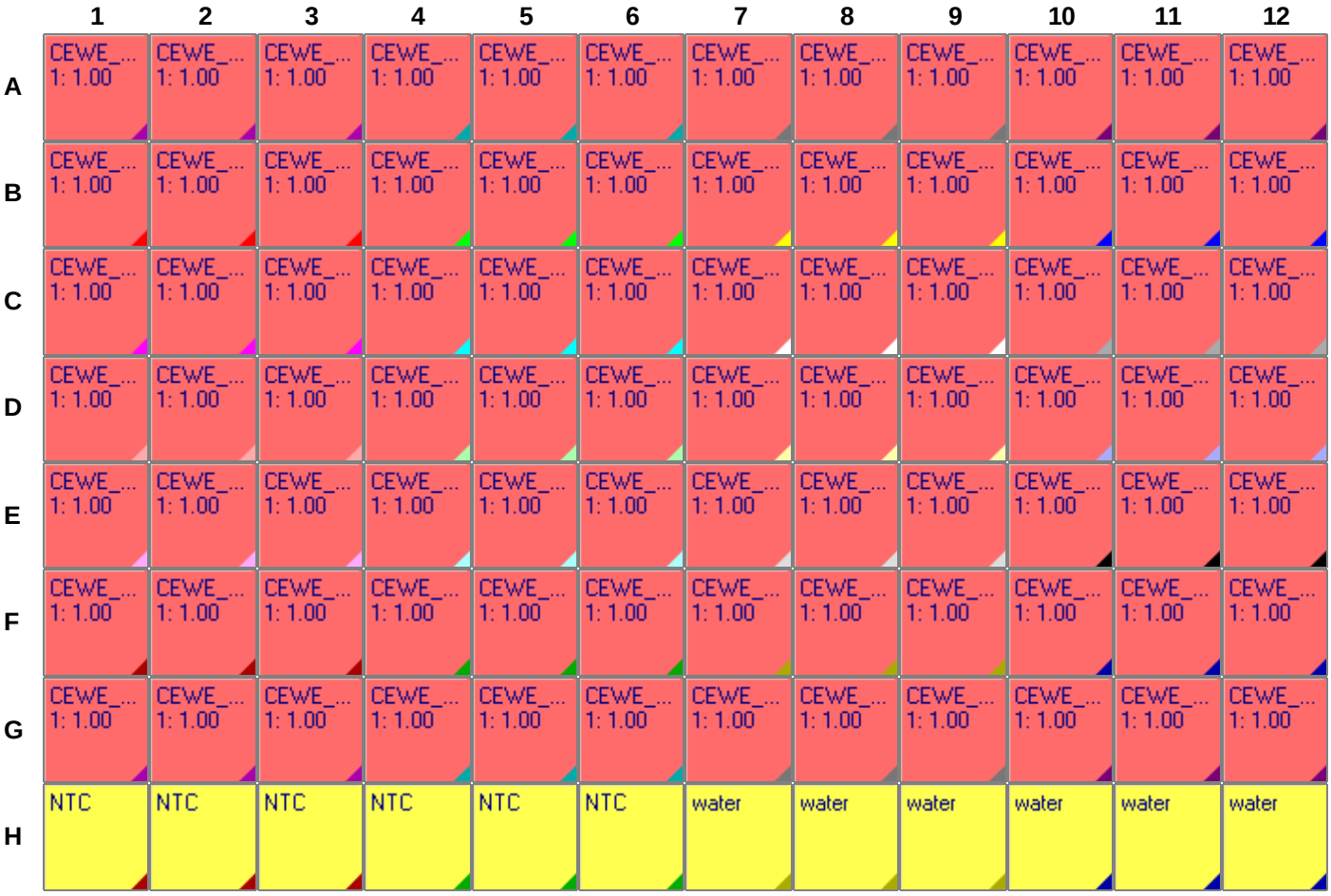
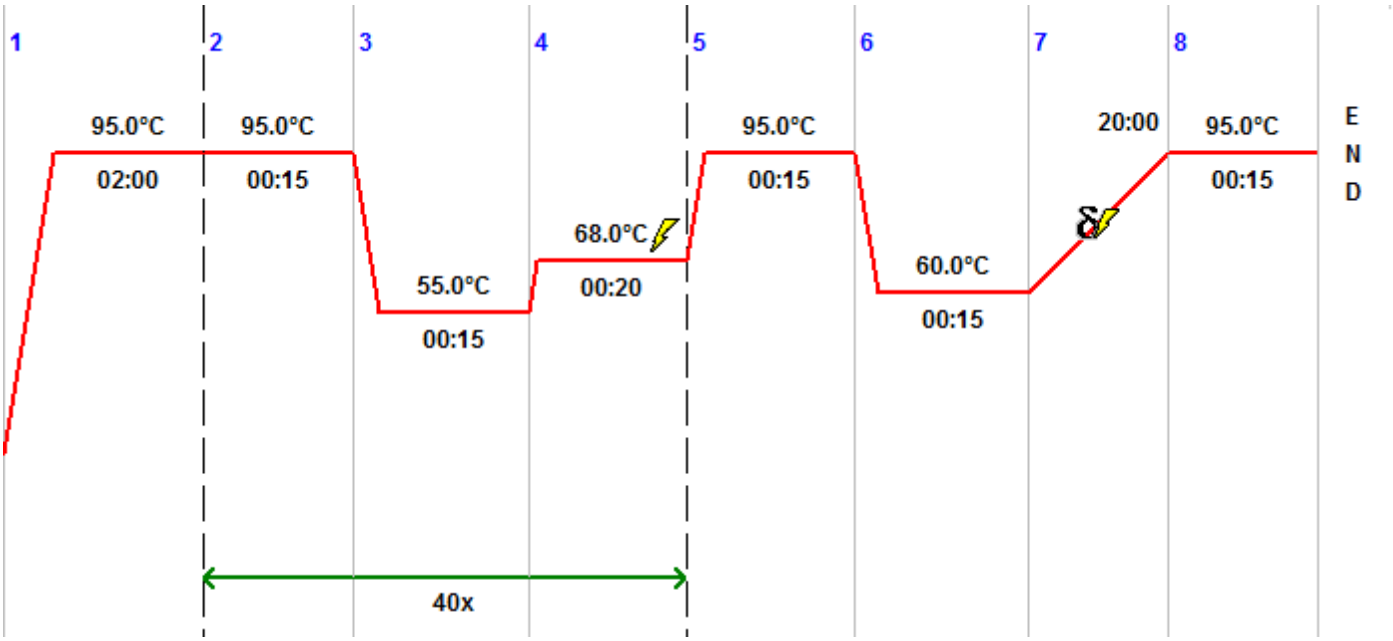
Document information

Software:	realplex 2.2	
File Name:	EPPENDORF\Yasmin_Crypto_Projec samples\Assay24.08	
Printed by:	EPPENDORF	
Created:	Aug/24/2018 12:07	
Serial No. Thermo Module:	6325 30387	
Serial No. realplex Module.:	630011465	
Acquisition Start Time:	EPPENDORF	Aug/24/2018 12:11
Acquisition End Time:	EPPENDORF	Aug/24/2018 13:38
Last updated:	EPPENDORF	Aug/09/2018 13:54
Background:	Sarstedt-20µl	Sep/12/2011 10:28
Color Calibration:	SYBR	Mar/12/2018 15:31
Assay24.08	Quantification	Aug/24/2018 14:51
	Melting Curve	Aug/24/2018 15:00
Inverted Data:	OFF	
Comment:		

Plate layout



PCR Program

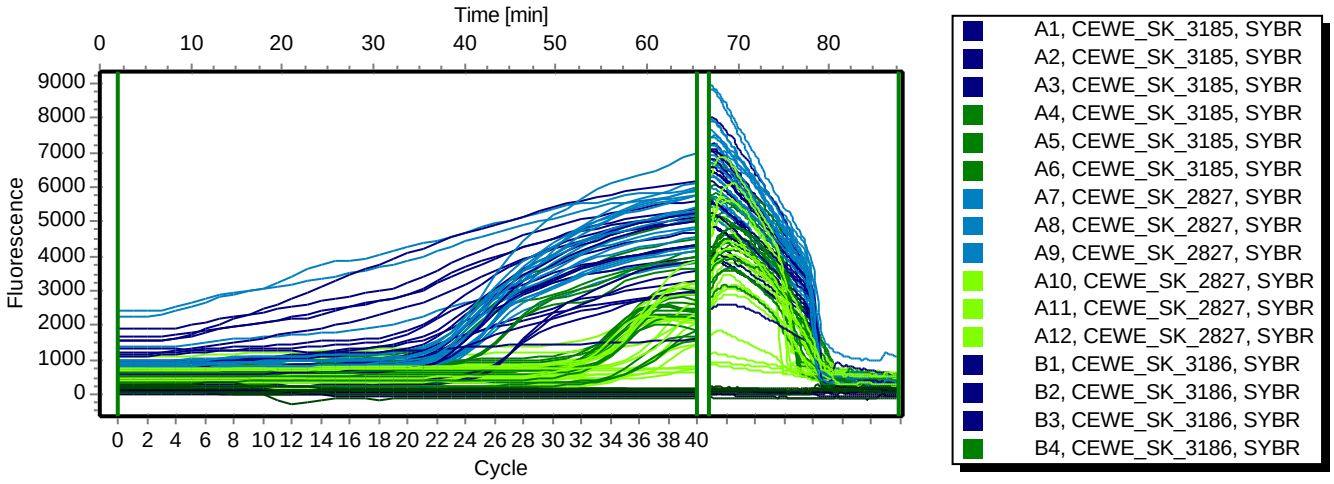


Program Header

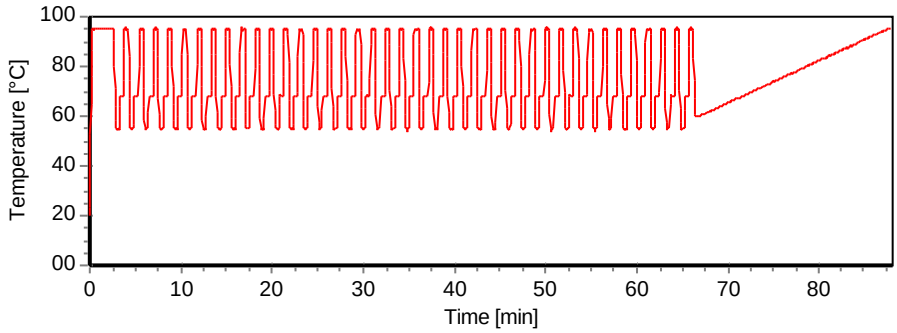
Lid Temp	105 °C	TSP Heated Lid	Yes
Temp. Mode	Standard	Switch off lid at low block temp	No
Impulse	No	Simulate Mastercycler gradient	No

Raw Data SYBR

Fluorescence Profile



Temperature Profile



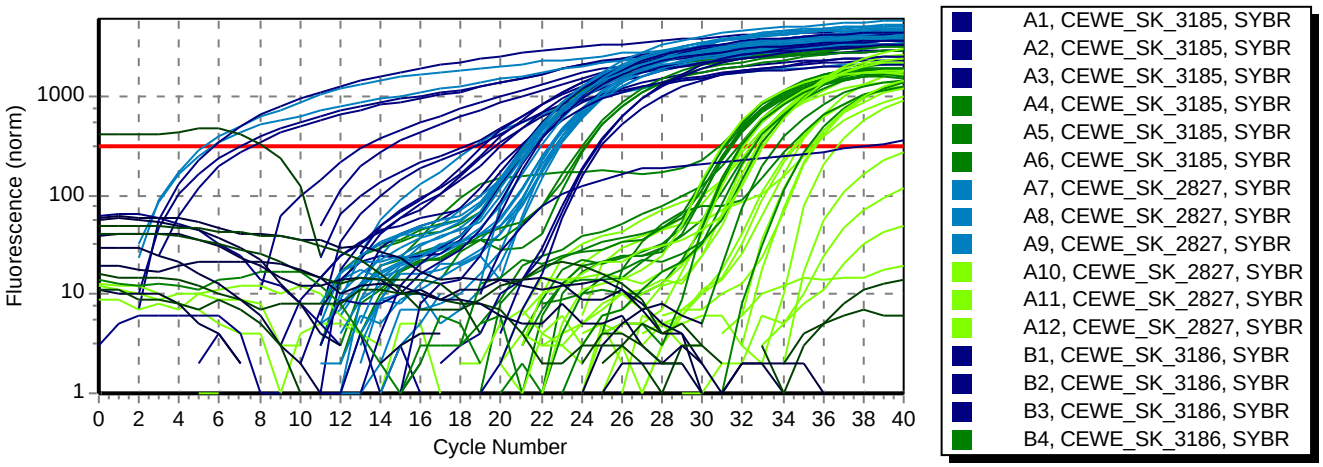
Quantification SYBR

Pos	Name	Ct SYBR	Ct Mean SYBR	Ct Dev. SYBR	Amount SYBR [Copies]	Amount Mean SYBR	Amount Dev. SYBR	Target SYBR
A1	CEWE_SK_3185	6.91	9.22	3.47	1.00			mouse
A2	CEWE_SK_3185	7.56	9.22	3.47	1.00			mouse
A3	CEWE_SK_3185	13.21	9.22	3.47	1.00			mouse
A4	CEWE_SK_3185	31.81	31.71	0.82	1.00			eimeria
A5	CEWE_SK_3185	32.47	31.71	0.82	1.00			eimeria
A6	CEWE_SK_3185	30.84	31.71	0.82	1.00			eimeria
A7	CEWE_SK_2827	5.29	9.91	7.65	1.00			mouse
A8	CEWE_SK_2827	5.71	9.91	7.65	1.00			mouse
A9	CEWE_SK_2827	18.74	9.91	7.65	1.00			mouse
A10	CEWE_SK_2827	35.47	33.41	1.79	1.00			eimeria
A11	CEWE_SK_2827	32.46	33.41	1.79	1.00			eimeria
A12	CEWE_SK_2827	32.30	33.41	1.79	1.00			eimeria
B1	CEWE_SK_3186	5.72	12.98	6.62	1.00			mouse
B2	CEWE_SK_3186	14.54	12.98	6.62	1.00			mouse
B3	CEWE_SK_3186	18.69	12.98	6.62	1.00			mouse
B4	CEWE_SK_3186	21.07	21.14	0.11	1.00			eimeria
B5	CEWE_SK_3186	21.08	21.14	0.11	1.00			eimeria
B6	CEWE_SK_3186	21.26	21.14	0.11	1.00			eimeria
B7	CEWE_SK_2829	22.88	22.61	0.24	1.00			mouse
B8	CEWE_SK_2829	22.48	22.61	0.24	1.00			mouse
B9	CEWE_SK_2829	22.46	22.61	0.24	1.00			mouse
B10	CEWE_SK_2829		35.44	0.21	1.00			eimeria
B11	CEWE_SK_2829	35.58	35.44	0.21	1.00			eimeria
B12	CEWE_SK_2829	35.29	35.44	0.21	1.00			eimeria
C1	CEWE_SK_3197	18.13	19.67	1.40	1.00			mouse
C2	CEWE_SK_3197	20.02	19.67	1.40	1.00			mouse
C3	CEWE_SK_3197	20.87	19.67	1.40	1.00			mouse
C4	CEWE_SK_3197	31.47	31.36	0.16	1.00			eimeria
C5	CEWE_SK_3197	31.44	31.36	0.16	1.00			eimeria
C6	CEWE_SK_3197	31.18	31.36	0.16	1.00			eimeria
C7	CEWE_SK_3097	22.82	22.52	0.26	1.00			mouse
C8	CEWE_SK_3097	22.34	22.52	0.26	1.00			mouse
C9	CEWE_SK_3097	22.41	22.52	0.26	1.00			mouse
C10	CEWE_SK_3097		35.63	1.47	1.00			eimeria
C11	CEWE_SK_3097	36.67	35.63	1.47	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_3097	34.59	35.63	1.47	1.00			eimeria
D1	CEWE_SK_3205	19.45	19.41	0.31	1.00			mouse
D2	CEWE_SK_3205	19.08	19.41	0.31	1.00			mouse
D3	CEWE_SK_3205	19.70	19.41	0.31	1.00			mouse
D4	CEWE_SK_3205	24.13	24.09	0.12	1.00			eimeria
D5	CEWE_SK_3205	23.96	24.09	0.12	1.00			eimeria
D6	CEWE_SK_3205	24.19	24.09	0.12	1.00			eimeria
D7	CEWE_SK_3126	22.78	22.70	0.08	1.00			mouse
D8	CEWE_SK_3126	22.68	22.70	0.08	1.00			mouse
D9	CEWE_SK_3126	22.63	22.70	0.08	1.00			mouse
D10	CEWE_SK_3126				1.00			eimeria
D11	CEWE_SK_3126				1.00			eimeria
D12	CEWE_SK_3126	34.46			1.00			eimeria
E1	CEWE_SK_3206	20.99	21.27	0.28	1.00			mouse
E2	CEWE_SK_3206	21.27	21.27	0.28	1.00			mouse
E3	CEWE_SK_3206	21.55	21.27	0.28	1.00			mouse
E4	CEWE_SK_3206	32.00	31.48	0.47	1.00			eimeria
E5	CEWE_SK_3206	31.08	31.48	0.47	1.00			eimeria
E6	CEWE_SK_3206	31.35	31.48	0.47	1.00			eimeria
E7	CEWE_SK_3128	21.90	21.55	0.31	1.00			mouse
E8	CEWE_SK_3128	21.41	21.55	0.31	1.00			mouse
E9	CEWE_SK_3128	21.34	21.55	0.31	1.00			mouse
E10	CEWE_SK_3128	34.78	33.16	1.47	1.00			eimeria
E11	CEWE_SK_3128	32.78	33.16	1.47	1.00			eimeria
E12	CEWE_SK_3128	31.91	33.16	1.47	1.00			eimeria
F1	CEWE_SK_2810	24.73	24.81	0.12	1.00			mouse
F2	CEWE_SK_2810	24.76	24.81	0.12	1.00			mouse
F3	CEWE_SK_2810	24.95	24.81	0.12	1.00			mouse
F4	CEWE_SK_2810	35.25	34.40	0.80	1.00			eimeria
F5	CEWE_SK_2810	33.67	34.40	0.80	1.00			eimeria
F6	CEWE_SK_2810	34.28	34.40	0.80	1.00			eimeria
F7	CEWE_SK_3131	21.23	21.30	0.12	1.00			mouse
F8	CEWE_SK_3131	21.23	21.30	0.12	1.00			mouse
F9	CEWE_SK_3131	21.44	21.30	0.12	1.00			mouse
F10	CEWE_SK_3131	32.92	32.53	0.42	1.00			eimeria
F11	CEWE_SK_3131	32.59	32.53	0.42	1.00			eimeria
F12	CEWE_SK_3131	32.08	32.53	0.42	1.00			eimeria
G1	CEWE_SK_2811	21.62	27.03	9.27	1.00			mouse
G2	CEWE_SK_2811	21.73	27.03	9.27	1.00			mouse

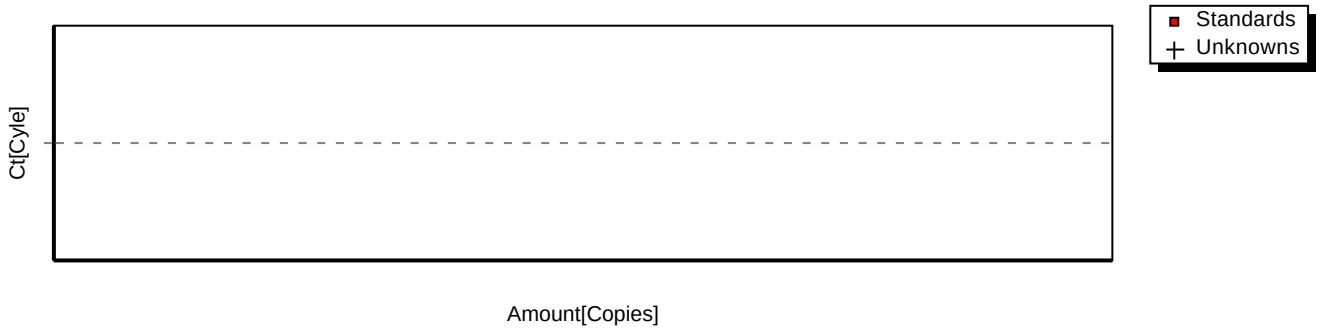
Pos	Name	Ct SYBR	Ct Mean SYBR	Ct Dev. SYBR	Amount SYBR [Copies]	Amount Mean SYBR	Amount Dev. SYBR	Target SYBR
G3	CEWE_SK_2811	37.73	27.03	9.27	1.00			mouse
G4	CEWE_SK_2811	32.87	32.46	0.50	1.00			eimeria
G5	CEWE_SK_2811	32.59	32.46	0.50	1.00			eimeria
G6	CEWE_SK_2811	31.91	32.46	0.50	1.00			eimeria
G7	CEWE_SK_3137	21.54	21.28	0.24	1.00			mouse
G8	CEWE_SK_3137	21.07	21.28	0.24	1.00			mouse
G9	CEWE_SK_3137	21.24	21.28	0.24	1.00			mouse
G10	CEWE_SK_3137	33.04	33.18	2.26	1.00			eimeria
G11	CEWE_SK_3137	35.50	33.18	2.26	1.00			eimeria
G12	CEWE_SK_3137	30.99	33.18	2.26	1.00			eimeria
H1	NTC	-			-			mouse
H2	NTC	-			-			mouse
H3	NTC	-			-			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	310 (Noiseband)
Baseline	automatic, Drift correction OFF

Standard curve



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

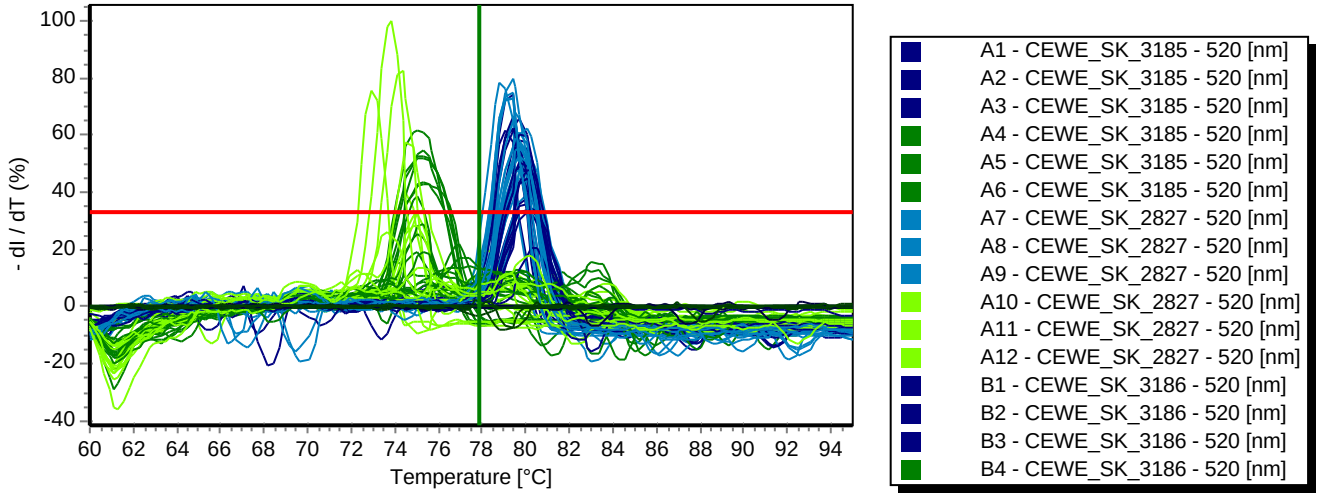
Melting Curve SYBR

Pos	Name	No. Tm SYBR	Tm x (°C) SYBR	Tm y (°C) SYBR	Mean SYBR	Dev. SYBR
A1	CEWE_SK_3185	1	79.1			
A2	CEWE_SK_3185	1	79.7			
A3	CEWE_SK_3185	1	79.9			
A4	CEWE_SK_3185	0				
A5	CEWE_SK_3185	0				
A6	CEWE_SK_3185	0				
A7	CEWE_SK_2827	1	80.0			
A8	CEWE_SK_2827	1	80.2			
A9	CEWE_SK_2827	1	80.2			
A10	CEWE_SK_2827	1	74.5			
A11	CEWE_SK_2827	0				
A12	CEWE_SK_2827	0				
B1	CEWE_SK_3186	1	79.2			
B2	CEWE_SK_3186	1	79.9			
B3	CEWE_SK_3186	1	80.0			
B4	CEWE_SK_3186	1	75.1			
B5	CEWE_SK_3186	1	75.3			
B6	CEWE_SK_3186	1	75.3			
B7	CEWE_SK_2829	1	79.5			
B8	CEWE_SK_2829	1	79.8			
B9	CEWE_SK_2829	1	80.0			
B10	CEWE_SK_2829	0				
B11	CEWE_SK_2829	0				
B12	CEWE_SK_2829	0				
C1	CEWE_SK_3197	1	79.4			
C2	CEWE_SK_3197	1	79.9			
C3	CEWE_SK_3197	1	80.0			
C4	CEWE_SK_3197	1	75.0			
C5	CEWE_SK_3197	0				
C6	CEWE_SK_3197	0				
C7	CEWE_SK_3097	1	78.9			
C8	CEWE_SK_3097	1	79.6			
C9	CEWE_SK_3097	1	79.8			
C10	CEWE_SK_3097	0				
C11	CEWE_SK_3097	0				
C12	CEWE_SK_3097	0				

Pos	Name	No. Tm SYBR	Tm x (°C) SYBR	Tm y (°C) SYBR	Mean SYBR	Dev. SYBR
D1	CEWE_SK_3205	1	79.3			
D2	CEWE_SK_3205	1	79.8			
D3	CEWE_SK_3205	1	79.9			
D4	CEWE_SK_3205	1	75.2			
D5	CEWE_SK_3205	1	75.2			
D6	CEWE_SK_3205	1	75.4			
D7	CEWE_SK_3126	1	79.2			
D8	CEWE_SK_3126	1	79.7			
D9	CEWE_SK_3126	1	79.8			
D10	CEWE_SK_3126	0				
D11	CEWE_SK_3126	0				
D12	CEWE_SK_3126	0				
E1	CEWE_SK_3206	1	79.5			
E2	CEWE_SK_3206	1	79.8			
E3	CEWE_SK_3206	1	80.0			
E4	CEWE_SK_3206	0				
E5	CEWE_SK_3206	0				
E6	CEWE_SK_3206	0				
E7	CEWE_SK_3128	1	79.2			
E8	CEWE_SK_3128	1	79.6			
E9	CEWE_SK_3128	1	79.8			
E10	CEWE_SK_3128	1	73.0			
E11	CEWE_SK_3128	1	74.3			
E12	CEWE_SK_3128	0				
F1	CEWE_SK_2810	1	79.8			
F2	CEWE_SK_2810	1	80.0			
F3	CEWE_SK_2810	1	80.3			
F4	CEWE_SK_2810	0				
F5	CEWE_SK_2810	0				
F6	CEWE_SK_2810	0				
F7	CEWE_SK_3131	1	79.3			
F8	CEWE_SK_3131	1	79.7			
F9	CEWE_SK_3131	1	79.8			
F10	CEWE_SK_3131	1	73.8			
F11	CEWE_SK_3131	1	74.7			
F12	CEWE_SK_3131	1	75.3			
G1	CEWE_SK_2811	1	79.9			
G2	CEWE_SK_2811	1	80.1			
G3	CEWE_SK_2811	0				
G4	CEWE_SK_2811	0				

Pos	Name	No. Tm SYBR	Tm x (°C) SYBR	Tm y (°C) SYBR	Mean SYBR	Dev. SYBR
G5	CEWE_SK_2811	0				
G6	CEWE_SK_2811	0				
G7	CEWE_SK_3137	1	79.2			
G8	CEWE_SK_3137	1	79.6			
G9	CEWE_SK_3137	1	79.7			
G10	CEWE_SK_3137	0				
G11	CEWE_SK_3137	0				
G12	CEWE_SK_3137	0				
H1	NTC	0				
H2	NTC	0				
H3	NTC	0				
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%