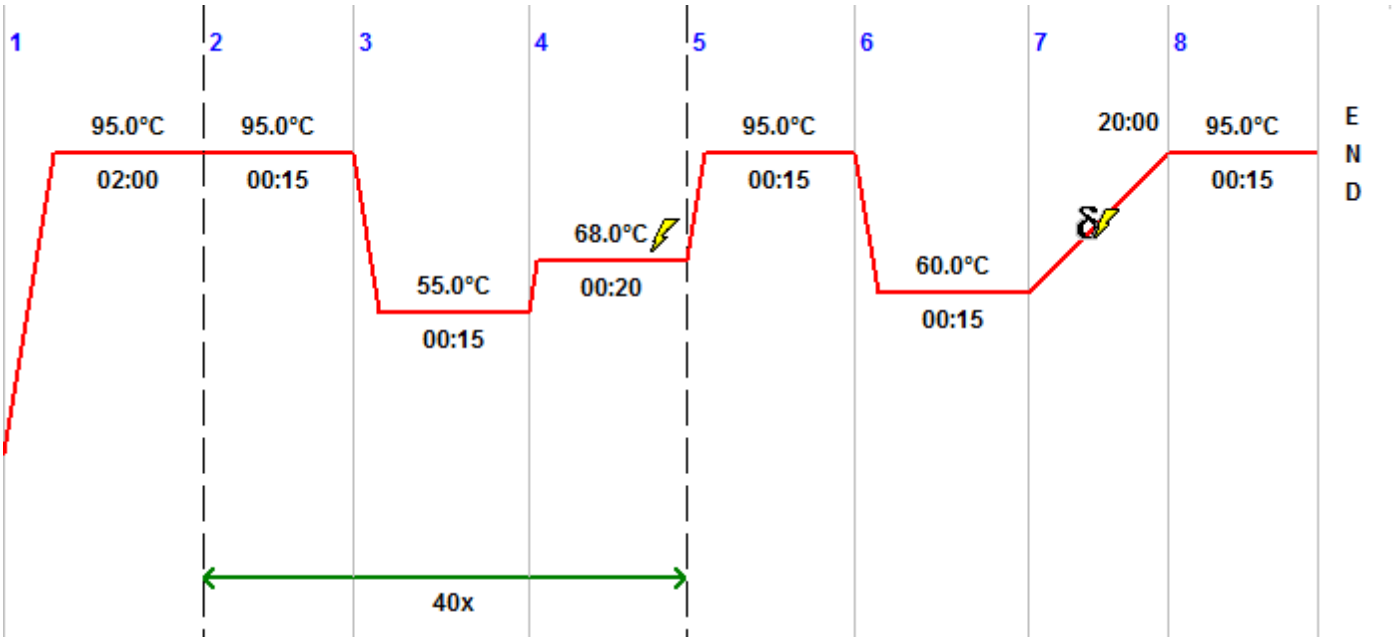
Document information

Software:	realplex 2.2	
File Name:	EPPENDORF\Yasmin_Crypto_Projec	
Printed by:	EPPENDORF	
Created:	Sep/06/2018 15:42	
Serial No. Thermo Module:	6325 30387	
Serial No. realplex Module.:	630011465	
Acquisition Start Time:	EPPENDORF	Sep/06/2018 15:46
Acquisition End Time:	EPPENDORF	Sep/06/2018 17:14
Last updated:	EPPENDORF	Sep/05/2018 13:43
Background:	Sarstedt-20µl	Sep/12/2011 10:28
Color Calibration:	SYBR	Mar/12/2018 15:31
2969_2982	Quantification	Sep/06/2018 17:32
	Melting Curve	Sep/06/2018 17:35
Inverted Data:	OFF	
Comment:		

Plate layout

	1	2	3	4	5	6	7	8	9	10	11	12
A	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00
B	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00
C	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00
D	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00
E	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00
F	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00
G	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00
H	NTC	NTC	NTC	NTC	NTC	NTC	water	water	water	water	water	water

PCR Program

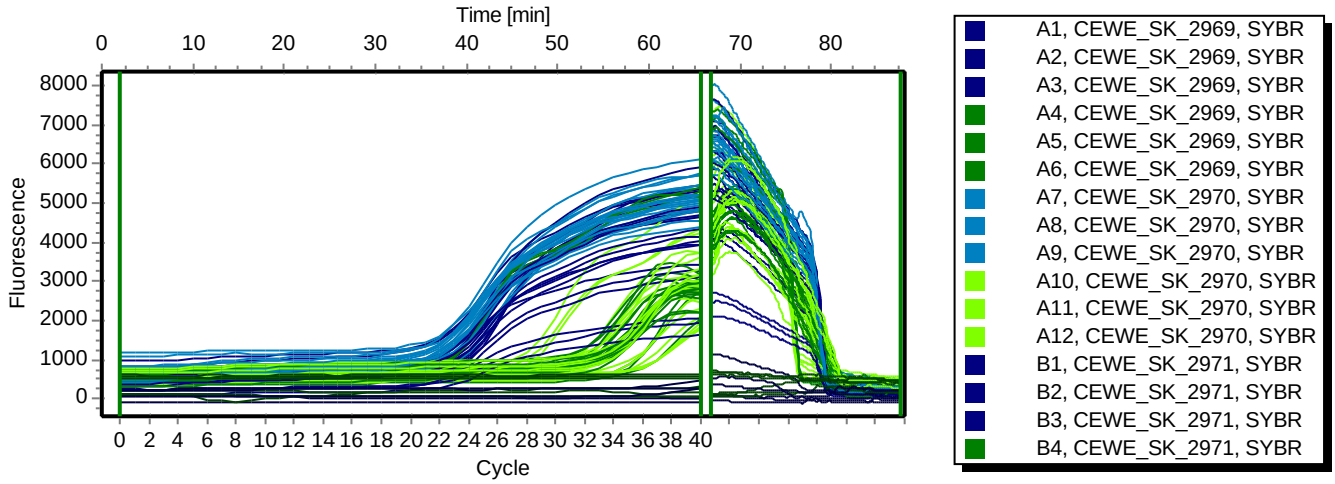


Program Header

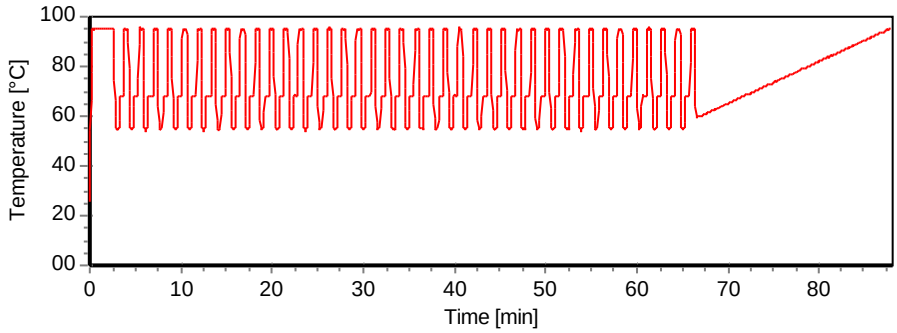
Lid Temp	105 °C	TSP Heated Lid	Yes
Temp. Mode	Standard	Switch off lid at low block temp	No
Impulse	No	Simulate Mastercycler gradient	No

Raw Data SYBR

Fluorescence Profile



Temperature Profile



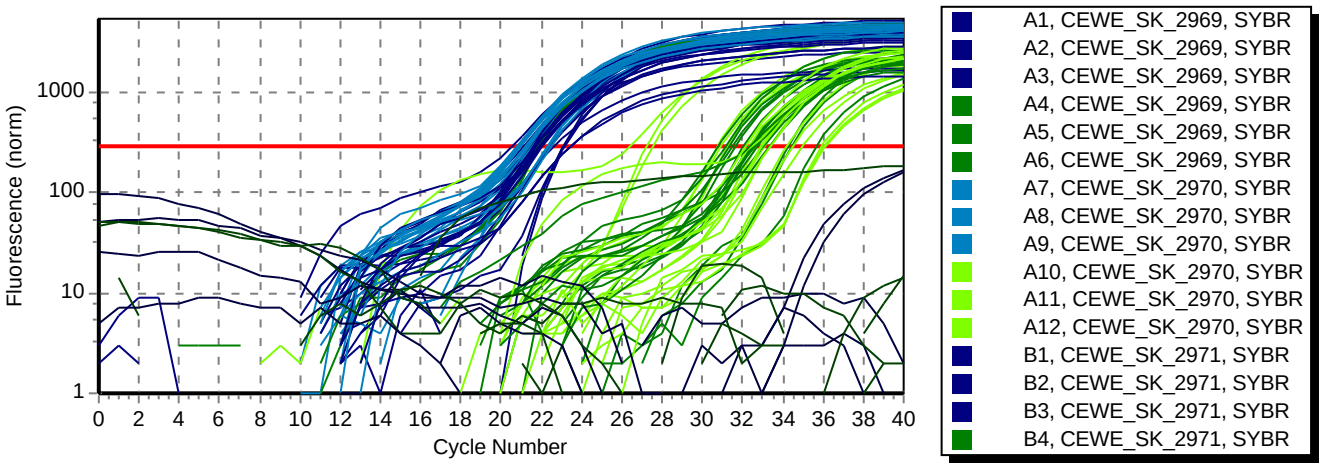
Quantification SYBR

Pos	Name	Ct SYBR	Ct Mean SYBR	Ct Dev. SYBR	Amount SYBR [Copies]	Amount Mean SYBR	Amount Dev. SYBR	Target SYBR
A1	CEWE_SK_2969	23.08	23.12	0.05	1.00			mouse
A2	CEWE_SK_2969	23.10	23.12	0.05	1.00			mouse
A3	CEWE_SK_2969	23.18	23.12	0.05	1.00			mouse
A4	CEWE_SK_2969	35.68	34.80	0.77	1.00			eimeria
A5	CEWE_SK_2969	34.46	34.80	0.77	1.00			eimeria
A6	CEWE_SK_2969	34.25	34.80	0.77	1.00			eimeria
A7	CEWE_SK_2970	21.49	21.59	0.12	1.00			mouse
A8	CEWE_SK_2970	21.72	21.59	0.12	1.00			mouse
A9	CEWE_SK_2970	21.56	21.59	0.12	1.00			mouse
A10	CEWE_SK_2970	30.81	31.05	0.28	1.00			eimeria
A11	CEWE_SK_2970	31.36	31.05	0.28	1.00			eimeria
A12	CEWE_SK_2970	30.99	31.05	0.28	1.00			eimeria
B1	CEWE_SK_2971	20.59	21.18	0.63	1.00			mouse
B2	CEWE_SK_2971	21.09	21.18	0.63	1.00			mouse
B3	CEWE_SK_2971	21.85	21.18	0.63	1.00			mouse
B4	CEWE_SK_2971	31.54	31.60	0.80	1.00			eimeria
B5	CEWE_SK_2971	30.83	31.60	0.80	1.00			eimeria
B6	CEWE_SK_2971	32.42	31.60	0.80	1.00			eimeria
B7	CEWE_SK_2972	21.74	21.75	0.12	1.00			mouse
B8	CEWE_SK_2972	21.87	21.75	0.12	1.00			mouse
B9	CEWE_SK_2972	21.63	21.75	0.12	1.00			mouse
B10	CEWE_SK_2972	27.24	27.09	0.57	1.00			eimeria
B11	CEWE_SK_2972	26.46	27.09	0.57	1.00			eimeria
B12	CEWE_SK_2972	27.57	27.09	0.57	1.00			eimeria
C1	CEWE_SK_2973	21.40	21.87	0.52	1.00			mouse
C2	CEWE_SK_2973	21.78	21.87	0.52	1.00			mouse
C3	CEWE_SK_2973	22.43	21.87	0.52	1.00			mouse
C4	CEWE_SK_2973	32.49	32.25	0.48	1.00			eimeria
C5	CEWE_SK_2973	31.70	32.25	0.48	1.00			eimeria
C6	CEWE_SK_2973	32.57	32.25	0.48	1.00			eimeria
C7	CEWE_SK_2974	20.79	20.88	0.08	1.00			mouse
C8	CEWE_SK_2974	20.88	20.88	0.08	1.00			mouse
C9	CEWE_SK_2974	20.95	20.88	0.08	1.00			mouse
C10	CEWE_SK_2974	32.97	33.89	0.81	1.00			eimeria
C11	CEWE_SK_2974	34.51	33.89	0.81	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_2974	34.18	33.89	0.81	1.00			eimeria
D1	CEWE_SK_2975	21.59	21.93	0.41	1.00			mouse
D2	CEWE_SK_2975	21.82	21.93	0.41	1.00			mouse
D3	CEWE_SK_2975	22.39	21.93	0.41	1.00			mouse
D4	CEWE_SK_2975	21.84	21.84	0.01	1.00			eimeria
D5	CEWE_SK_2975	21.83	21.84	0.01	1.00			eimeria
D6	CEWE_SK_2975	21.86	21.84	0.01	1.00			eimeria
D7	CEWE_SK_2976	20.80	21.04	0.32	1.00			mouse
D8	CEWE_SK_2976	20.92	21.04	0.32	1.00			mouse
D9	CEWE_SK_2976	21.40	21.04	0.32	1.00			mouse
D10	CEWE_SK_2976	32.41	33.36	1.37	1.00			eimeria
D11	CEWE_SK_2976	32.73	33.36	1.37	1.00			eimeria
D12	CEWE_SK_2976	34.93	33.36	1.37	1.00			eimeria
E1	CEWE_SK_2977	21.42	21.93	0.65	1.00			mouse
E2	CEWE_SK_2977	21.70	21.93	0.65	1.00			mouse
E3	CEWE_SK_2977	22.67	21.93	0.65	1.00			mouse
E4	CEWE_SK_2977	31.39	31.58	0.47	1.00			eimeria
E5	CEWE_SK_2977	32.11	31.58	0.47	1.00			eimeria
E6	CEWE_SK_2977	31.24	31.58	0.47	1.00			eimeria
E7	CEWE_SK_2978	22.35	22.38	0.09	1.00			mouse
E8	CEWE_SK_2978	22.30	22.38	0.09	1.00			mouse
E9	CEWE_SK_2978	22.48	22.38	0.09	1.00			mouse
E10	CEWE_SK_2978	36.04	36.03	0.10	1.00			eimeria
E11	CEWE_SK_2978	36.12	36.03	0.10	1.00			eimeria
E12	CEWE_SK_2978	35.92	36.03	0.10	1.00			eimeria
F1	CEWE_SK_2979	21.87	22.41	0.89	1.00			mouse
F2	CEWE_SK_2979	21.93	22.41	0.89	1.00			mouse
F3	CEWE_SK_2979	23.44	22.41	0.89	1.00			mouse
F4	CEWE_SK_2979	32.79	32.70	0.09	1.00			eimeria
F5	CEWE_SK_2979	32.60	32.70	0.09	1.00			eimeria
F6	CEWE_SK_2979	32.72	32.70	0.09	1.00			eimeria
F7	CEWE_SK_2980	20.93	21.16	0.22	1.00			mouse
F8	CEWE_SK_2980	21.18	21.16	0.22	1.00			mouse
F9	CEWE_SK_2980	21.36	21.16	0.22	1.00			mouse
F10	CEWE_SK_2980	33.13	33.02	0.43	1.00			eimeria
F11	CEWE_SK_2980	32.55	33.02	0.43	1.00			eimeria
F12	CEWE_SK_2980	33.39	33.02	0.43	1.00			eimeria
G1	CEWE_SK_2981	21.62	22.39	0.98	1.00			mouse
G2	CEWE_SK_2981	22.05	22.39	0.98	1.00			mouse

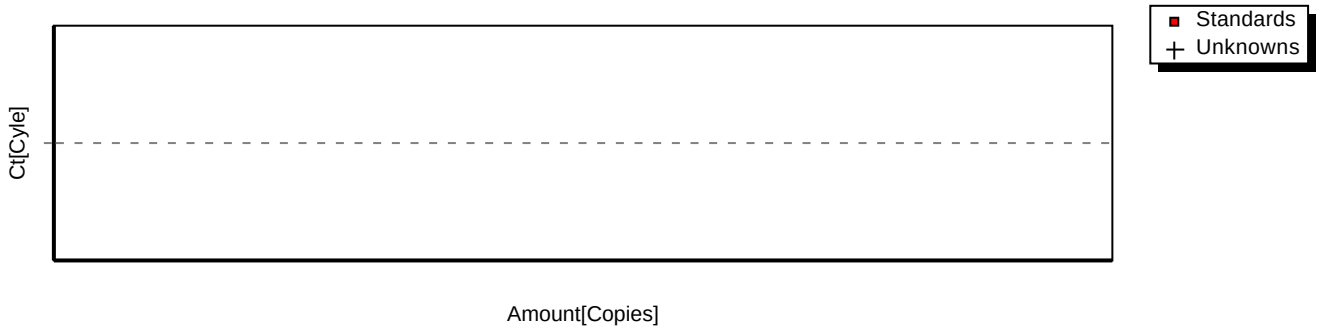
Pos	Name	Ct SYBR	Ct Mean SYBR	Ct Dev. SYBR	Amount SYBR [Copies]	Amount Mean SYBR	Amount Dev. SYBR	Target SYBR
G3	CEWE_SK_2981	23.48	22.39	0.98	1.00			mouse
G4	CEWE_SK_2981	33.36	32.97	0.46	1.00			eimeria
G5	CEWE_SK_2981	33.08	32.97	0.46	1.00			eimeria
G6	CEWE_SK_2981	32.46	32.97	0.46	1.00			eimeria
G7	CEWE_SK_2982	21.25	21.12	0.22	1.00			mouse
G8	CEWE_SK_2982	20.86	21.12	0.22	1.00			mouse
G9	CEWE_SK_2982	21.25	21.12	0.22	1.00			mouse
G10	CEWE_SK_2982	32.23	32.90	0.61	1.00			eimeria
G11	CEWE_SK_2982	33.04	32.90	0.61	1.00			eimeria
G12	CEWE_SK_2982	33.43	32.90	0.61	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	296 (Noiseband)
Baseline	automatic, Drift correction OFF

Standard curve



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

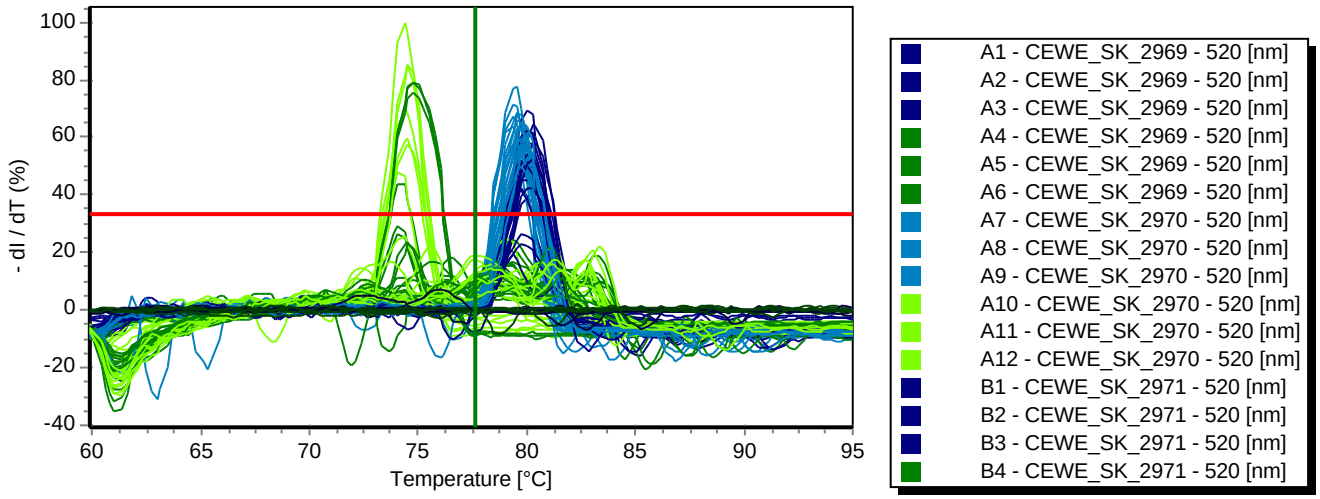
Melting Curve SYBR

Pos	Name	No. Tm SYBR	Tm x (°C) SYBR	Tm y (°C) SYBR	Mean SYBR	Dev. SYBR
A1	CEWE_SK_2969	1	80.3			
A2	CEWE_SK_2969	1	80.2			
A3	CEWE_SK_2969	1	80.1			
A4	CEWE_SK_2969	0				
A5	CEWE_SK_2969	0				
A6	CEWE_SK_2969	0				
A7	CEWE_SK_2970	1	80.0			
A8	CEWE_SK_2970	1	80.0			
A9	CEWE_SK_2970	1	79.9			
A10	CEWE_SK_2970	1	74.4			
A11	CEWE_SK_2970	1	74.5			
A12	CEWE_SK_2970	1	74.6			
B1	CEWE_SK_2971	1	80.3			
B2	CEWE_SK_2971	1	80.2			
B3	CEWE_SK_2971	1	80.0			
B4	CEWE_SK_2971	0				
B5	CEWE_SK_2971	0				
B6	CEWE_SK_2971	0				
B7	CEWE_SK_2972	1	79.7			
B8	CEWE_SK_2972	1	79.6			
B9	CEWE_SK_2972	1	79.4			
B10	CEWE_SK_2972	1	74.3			
B11	CEWE_SK_2972	1	74.6			
B12	CEWE_SK_2972	1	74.6			
C1	CEWE_SK_2973	1	80.1			
C2	CEWE_SK_2973	1	79.8			
C3	CEWE_SK_2973	1	79.7			
C4	CEWE_SK_2973	0				
C5	CEWE_SK_2973	1	74.2			
C6	CEWE_SK_2973	0				
C7	CEWE_SK_2974	1	79.5			
C8	CEWE_SK_2974	1	79.3			
C9	CEWE_SK_2974	1	79.3			
C10	CEWE_SK_2974	0				
C11	CEWE_SK_2974	0				
C12	CEWE_SK_2974	0				

Pos	Name	No. Tm SYBR	Tm x (°C) SYBR	Tm y (°C) SYBR	Mean SYBR	Dev. SYBR
D1	CEWE_SK_2975	1	80.0			
D2	CEWE_SK_2975	1	79.8			
D3	CEWE_SK_2975	1	79.7			
D4	CEWE_SK_2975	1	74.8			
D5	CEWE_SK_2975	1	74.8			
D6	CEWE_SK_2975	1	74.8			
D7	CEWE_SK_2976	1	79.7			
D8	CEWE_SK_2976	1	79.6			
D9	CEWE_SK_2976	1	79.5			
D10	CEWE_SK_2976	0				
D11	CEWE_SK_2976	1	74.2			
D12	CEWE_SK_2976	0				
E1	CEWE_SK_2977	1	80.2			
E2	CEWE_SK_2977	1	79.9			
E3	CEWE_SK_2977	0				
E4	CEWE_SK_2977	0				
E5	CEWE_SK_2977	0				
E6	CEWE_SK_2977	0				
E7	CEWE_SK_2978	1	79.7			
E8	CEWE_SK_2978	1	79.6			
E9	CEWE_SK_2978	1	79.5			
E10	CEWE_SK_2978	0				
E11	CEWE_SK_2978	0				
E12	CEWE_SK_2978	0				
F1	CEWE_SK_2979	1	80.1			
F2	CEWE_SK_2979	1	80.0			
F3	CEWE_SK_2979	0				
F4	CEWE_SK_2979	0				
F5	CEWE_SK_2979	0				
F6	CEWE_SK_2979	0				
F7	CEWE_SK_2980	1	79.8			
F8	CEWE_SK_2980	1	79.7			
F9	CEWE_SK_2980	1	79.7			
F10	CEWE_SK_2980	0				
F11	CEWE_SK_2980	0				
F12	CEWE_SK_2980	0				
G1	CEWE_SK_2981	1	80.2			
G2	CEWE_SK_2981	1	80.2			
G3	CEWE_SK_2981	0				
G4	CEWE_SK_2981	0				

Pos	Name	No. Tm SYBR	Tm x (°C) SYBR	Tm y (°C) SYBR	Mean SYBR	Dev. SYBR
G5	CEWE_SK_2981	0				
G6	CEWE_SK_2981	0				
G7	CEWE_SK_2982	1	80.0			
G8	CEWE_SK_2982	1	79.9			
G9	CEWE_SK_2982	1	79.7			
G10	CEWE_SK_2982	0				
G11	CEWE_SK_2982	0				
G12	CEWE_SK_2982	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%