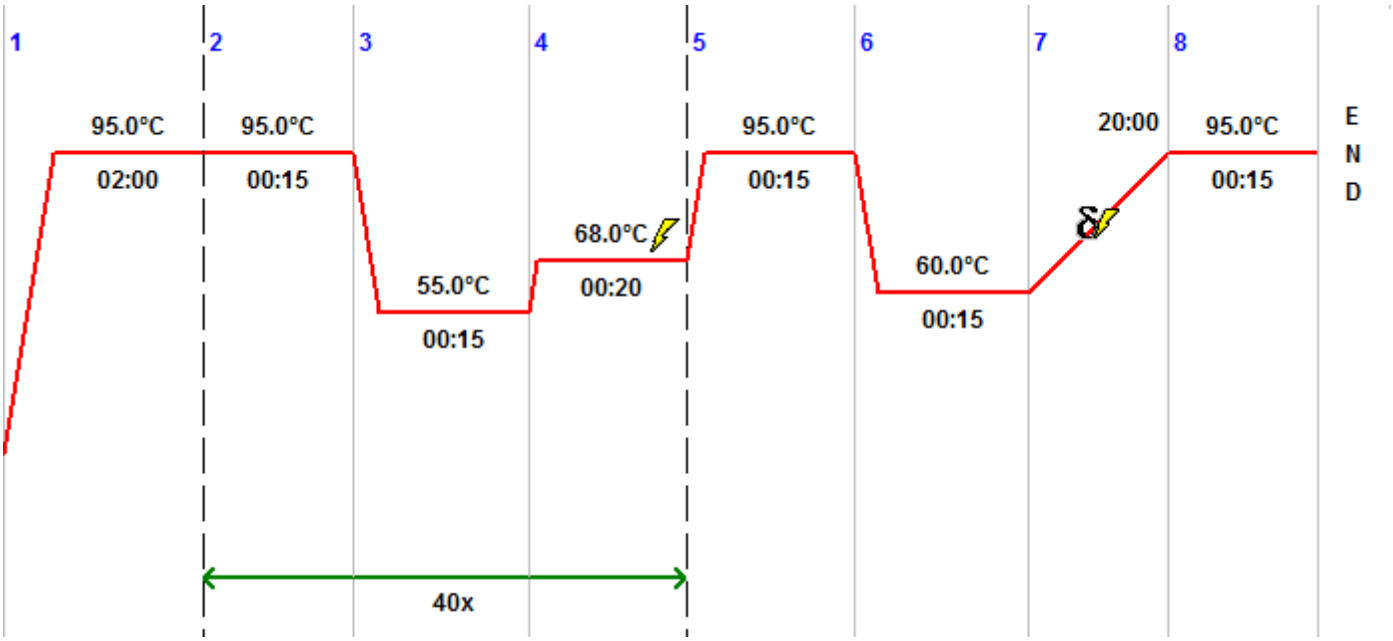
Document information

Software:	realplex 2.2	
File Name:	EPPENDORF\Svenja\cecum_plate4	
Printed by:	EPPENDORF	
Created:	Jan/28/2019 16:43	
Serial No. Thermo Module:	6325 30387	
Serial No. realplex Module.:	630011465	
Acquisition Start Time:	EPPENDORF	Jan/28/2019 16:47
Acquisition End Time:	EPPENDORF	Jan/28/2019 18:15
Last updated:	EPPENDORF	Dec/18/2018 14:10
Background:	Sarstedt-20µl	Sep/12/2011 10:28
Color Calibration:	SYBR	Mar/12/2018 15:31
cecum_plate4	Quantification	Jan/28/2019 18:18
	Melting Curve	Jan/28/2019 18:15
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

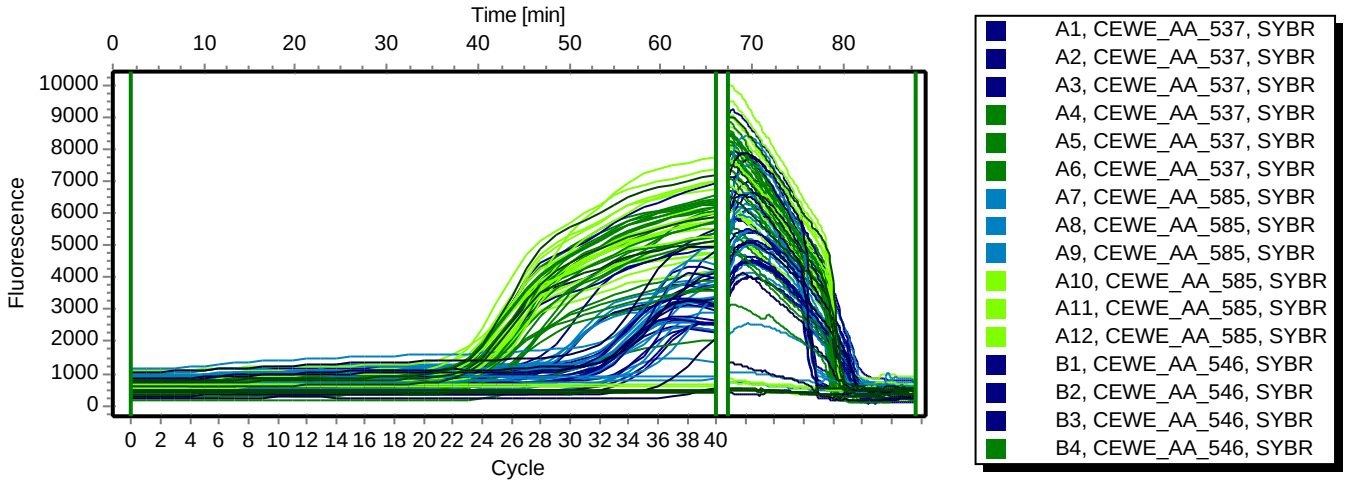


Program Header

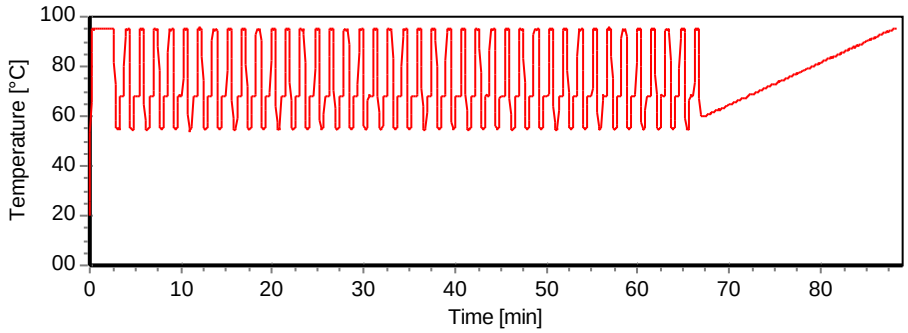
Lid Temp	105 °C	TSP Heated Lid	Yes
Temp. Mode	Standard	Switch off lid at low block temp	No
Impulse	No	Simulate Mastercycler gradient	No

Raw Data SYBR

Fluorescence Profile



Temperature Profile



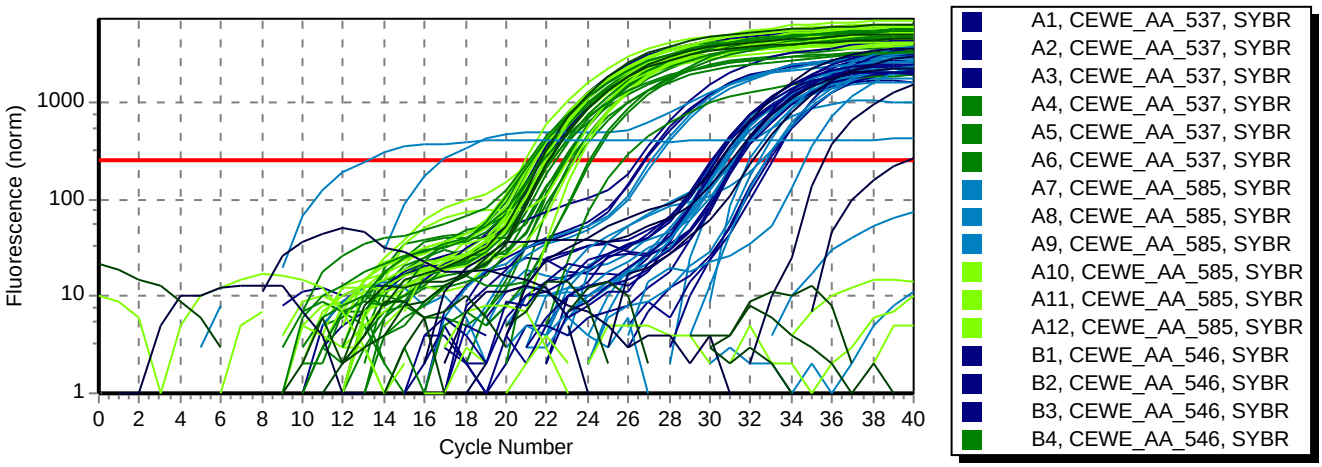
Quantification SYBR

Pos	Name	Ct SYBR	Ct Mean SYBR	Ct Dev. SYBR	Amount SYBR [Copies]	Amount Mean SYBR	Amount Dev. SYBR	Target SYBR
A1	CEWE_AA_537	30.29	30.42	0.21	1.00			eimeria
A2	CEWE_AA_537	30.31	30.42	0.21	1.00			eimeria
A3	CEWE_AA_537	30.67	30.42	0.21	1.00			eimeria
A4	CEWE_AA_537	21.27	21.43	0.18	1.00			mouse
A5	CEWE_AA_537	21.40	21.43	0.18	1.00			mouse
A6	CEWE_AA_537	21.63	21.43	0.18	1.00			mouse
A7	CEWE_AA_585	30.24	30.48	0.22	1.00			eimeria
A8	CEWE_AA_585	30.67	30.48	0.22	1.00			eimeria
A9	CEWE_AA_585	30.52	30.48	0.22	1.00			eimeria
A10	CEWE_AA_585	21.76	21.82	0.13	1.00			mouse
A11	CEWE_AA_585	21.75	21.82	0.13	1.00			mouse
A12	CEWE_AA_585	21.97	21.82	0.13	1.00			mouse
B1	CEWE_AA_546	31.25	30.94	0.54	1.00			eimeria
B2	CEWE_AA_546	31.25	30.94	0.54	1.00			eimeria
B3	CEWE_AA_546	30.31	30.94	0.54	1.00			eimeria
B4	CEWE_AA_546	22.89	22.89	0.03	1.00			mouse
B5	CEWE_AA_546	22.93	22.89	0.03	1.00			mouse
B6	CEWE_AA_546	22.86	22.89	0.03	1.00			mouse
B7	CEWE_AA_601	31.96	31.17	0.69	1.00			eimeria
B8	CEWE_AA_601	30.85	31.17	0.69	1.00			eimeria
B9	CEWE_AA_601	30.70	31.17	0.69	1.00			eimeria
B10	CEWE_AA_601	21.17	21.45	0.25	1.00			mouse
B11	CEWE_AA_601	21.57	21.45	0.25	1.00			mouse
B12	CEWE_AA_601	21.61	21.45	0.25	1.00			mouse
C1	CEWE_AA_554	22.06	21.87	0.24	1.00			eimeria
C2	CEWE_AA_554	21.60	21.87	0.24	1.00			eimeria
C3	CEWE_AA_554	21.94	21.87	0.24	1.00			eimeria
C4	CEWE_AA_554	23.18	23.12	0.30	1.00			mouse
C5	CEWE_AA_554	22.80	23.12	0.30	1.00			mouse
C6	CEWE_AA_554	23.38	23.12	0.30	1.00			mouse
C7	CEWE_AA_660	30.78	31.06	0.25	1.00			eimeria
C8	CEWE_AA_660	31.24	31.06	0.25	1.00			eimeria
C9	CEWE_AA_660	31.17	31.06	0.25	1.00			eimeria
C10	CEWE_AA_660	21.77	21.49	0.26	1.00			mouse
C11	CEWE_AA_660	21.45	21.49	0.26	1.00			mouse

Pos	Name	Ct SYBR	Ct Mean SYBR	Ct Dev. SYBR	Amount SYBR [Copies]	Amount Mean SYBR	Amount Dev. SYBR	Target SYBR
C12	CEWE_AA_660	21.25	21.49	0.26	1.00			mouse
D1	CEWE_AA_555	26.90	26.73	0.21	1.00			eimeria
D2	CEWE_AA_555	26.49	26.73	0.21	1.00			eimeria
D3	CEWE_AA_555	26.79	26.73	0.21	1.00			eimeria
D4	CEWE_AA_555	21.72	21.88	0.27	1.00			mouse
D5	CEWE_AA_555	21.72	21.88	0.27	1.00			mouse
D6	CEWE_AA_555	22.19	21.88	0.27	1.00			mouse
D7	CEWE_AA_666	27.16	23.82	5.96	1.00			eimeria
D8	CEWE_AA_666	27.36	23.82	5.96	1.00			eimeria
D9	CEWE_AA_666	16.94	23.82	5.96	1.00			eimeria
D10	CEWE_AA_666	22.03	22.07	0.19	1.00			mouse
D11	CEWE_AA_666	21.90	22.07	0.19	1.00			mouse
D12	CEWE_AA_666	22.28	22.07	0.19	1.00			mouse
E1	CEWE_AA_571	32.89	32.92	0.15	1.00			eimeria
E2	CEWE_AA_571	33.08	32.92	0.15	1.00			eimeria
E3	CEWE_AA_571	32.78	32.92	0.15	1.00			eimeria
E4	CEWE_AA_571	24.08	24.67	0.96	1.00			mouse
E5	CEWE_AA_571	24.17	24.67	0.96	1.00			mouse
E6	CEWE_AA_571	25.78	24.67	0.96	1.00			mouse
E7	CEWE_AA_667	32.53	31.70	0.71	1.00			eimeria
E8	CEWE_AA_667	31.29	31.70	0.71	1.00			eimeria
E9	CEWE_AA_667	31.29	31.70	0.71	1.00			eimeria
E10	CEWE_AA_667	21.32	21.24	0.26	1.00			mouse
E11	CEWE_AA_667	20.95	21.24	0.26	1.00			mouse
E12	CEWE_AA_667	21.44	21.24	0.26	1.00			mouse
F1	CEWE_AA_578	31.48	31.41	0.07	1.00			eimeria
F2	CEWE_AA_578	31.40	31.41	0.07	1.00			eimeria
F3	CEWE_AA_578	31.33	31.41	0.07	1.00			eimeria
F4	CEWE_AA_578	22.44	22.56	0.38	1.00			mouse
F5	CEWE_AA_578	22.25	22.56	0.38	1.00			mouse
F6	CEWE_AA_578	22.99	22.56	0.38	1.00			mouse
F7	CEWE_AA_669	34.68	33.28	1.21	1.00			eimeria
F8	CEWE_AA_669	32.44	33.28	1.21	1.00			eimeria
F9	CEWE_AA_669	32.73	33.28	1.21	1.00			eimeria
F10	CEWE_AA_669	23.36	23.30	0.27	1.00			mouse
F11	CEWE_AA_669	23.00	23.30	0.27	1.00			mouse
F12	CEWE_AA_669	23.54	23.30	0.27	1.00			mouse
G1	CEWE_AA_580	30.55	30.26	0.25	1.00			eimeria
G2	CEWE_AA_580	30.16	30.26	0.25	1.00			eimeria

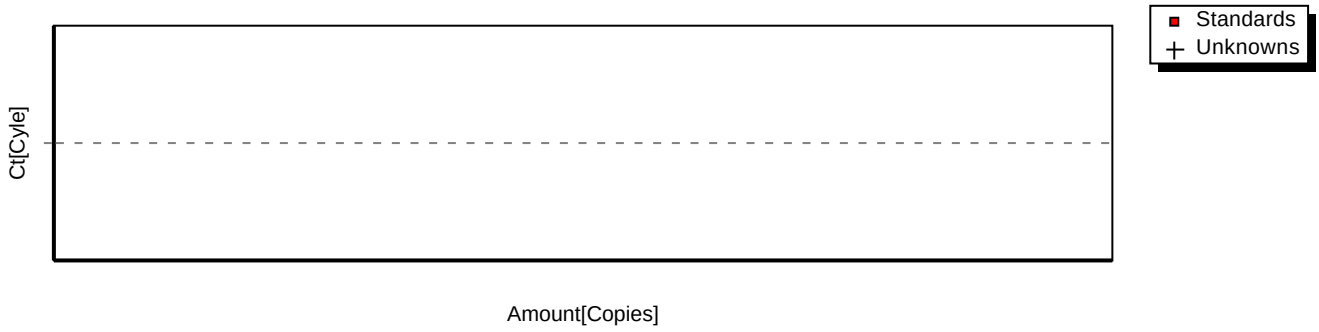
Pos	Name	Ct SYBR	Ct Mean SYBR	Ct Dev. SYBR	Amount SYBR [Copies]	Amount Mean SYBR	Amount Dev. SYBR	Target SYBR
G3	CEWE_AA_580	30.08	30.26	0.25	1.00			eimeria
G4	CEWE_AA_580	21.16	21.45	0.39	1.00			mouse
G5	CEWE_AA_580	21.30	21.45	0.39	1.00			mouse
G6	CEWE_AA_580	21.89	21.45	0.39	1.00			mouse
G7	CEWE_AA_679				1.00			eimeria
G8	CEWE_AA_679	13.15			1.00			eimeria
G9	CEWE_AA_679				1.00			eimeria
G10	CEWE_AA_679				1.00			mouse
G11	CEWE_AA_679				1.00			mouse
G12	CEWE_AA_679				1.00			mouse
H1	NTC	39.78	37.70	2.93	-			eimeria
H2	NTC	-	37.70	2.93	-			eimeria
H3	NTC	35.63	37.70	2.93	-			eimeria
H4	NTC	-			-			mouse
H5	NTC	-			-			mouse
H6	NTC	-			-			mouse
H7	water	32.13	31.25	0.81	-			eimeria
H8	water	30.53	31.25	0.81	-			eimeria
H9	water	31.08	31.25	0.81	-			eimeria
H10	water	22.12	21.99	0.22	-			mouse
H11	water	21.74	21.99	0.22	-			mouse
H12	water	22.10	21.99	0.22	-			mouse

Amplification Plot



Threshold	255 (Noiseband)
Baseline	automatic, Drift correction OFF

Standard curve



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

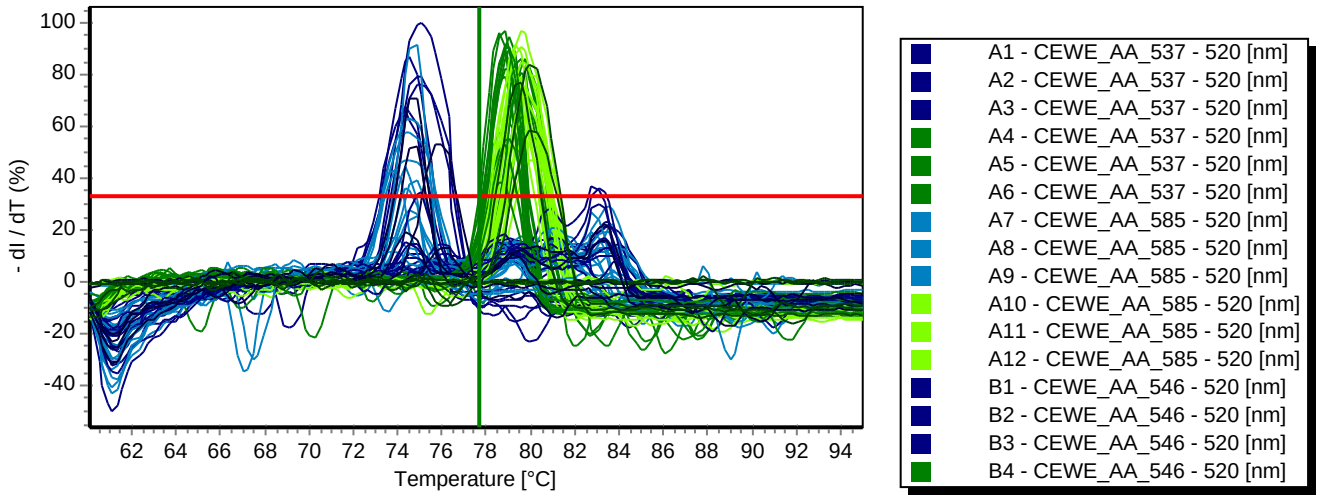
Melting Curve SYBR

Pos	Name	No. Tm SYBR	Tm x (°C) SYBR	Tm y (°C) SYBR	Mean SYBR	Dev. SYBR
A1	CEWE_AA_537	0				
A2	CEWE_AA_537	0				
A3	CEWE_AA_537	0				
A4	CEWE_AA_537	1	79.8			
A5	CEWE_AA_537	1	79.9			
A6	CEWE_AA_537	1	79.8			
A7	CEWE_AA_585	1	74.8			
A8	CEWE_AA_585	0				
A9	CEWE_AA_585	0				
A10	CEWE_AA_585	1	79.8			
A11	CEWE_AA_585	1	80.1			
A12	CEWE_AA_585	1	80.3			
B1	CEWE_AA_546	0				
B2	CEWE_AA_546	0				
B3	CEWE_AA_546	0				
B4	CEWE_AA_546	1	79.5			
B5	CEWE_AA_546	1	79.6			
B6	CEWE_AA_546	1	79.7			
B7	CEWE_AA_601	0				
B8	CEWE_AA_601	0				
B9	CEWE_AA_601	0				
B10	CEWE_AA_601	1	79.5			
B11	CEWE_AA_601	1	79.8			
B12	CEWE_AA_601	1	80.0			
C1	CEWE_AA_554	1	75.0			
C2	CEWE_AA_554	1	75.1			
C3	CEWE_AA_554	1	75.0			
C4	CEWE_AA_554	1	79.0			
C5	CEWE_AA_554	1	79.0			
C6	CEWE_AA_554	1	79.0			
C7	CEWE_AA_660	0				
C8	CEWE_AA_660	0				
C9	CEWE_AA_660	0				
C10	CEWE_AA_660	1	79.6			
C11	CEWE_AA_660	1	79.8			
C12	CEWE_AA_660	1	80.0			

Pos	Name	No. Tm SYBR	Tm x (°C) SYBR	Tm y (°C) SYBR	Mean SYBR	Dev. SYBR
D1	CEWE_AA_555	1	74.4			
D2	CEWE_AA_555	1	74.5			
D3	CEWE_AA_555	1	74.3			
D4	CEWE_AA_555	1	78.6			
D5	CEWE_AA_555	1	78.8			
D6	CEWE_AA_555	1	78.7			
D7	CEWE_AA_666	1	74.6			
D8	CEWE_AA_666	1	74.4			
D9	CEWE_AA_666	1	74.4			
D10	CEWE_AA_666	1	79.3			
D11	CEWE_AA_666	1	79.7			
D12	CEWE_AA_666	1	79.8			
E1	CEWE_AA_571	0				
E2	CEWE_AA_571	1	82.9			
E3	CEWE_AA_571	0				
E4	CEWE_AA_571	1	78.8			
E5	CEWE_AA_571	1	78.9			
E6	CEWE_AA_571	1	78.7			
E7	CEWE_AA_667	1	73.8			
E8	CEWE_AA_667	0				
E9	CEWE_AA_667	0				
E10	CEWE_AA_667	1	79.2			
E11	CEWE_AA_667	1	79.6			
E12	CEWE_AA_667	1	79.7			
F1	CEWE_AA_578	0				
F2	CEWE_AA_578	1	83.1			
F3	CEWE_AA_578	0				
F4	CEWE_AA_578	1	78.8			
F5	CEWE_AA_578	1	78.8			
F6	CEWE_AA_578	1	78.8			
F7	CEWE_AA_669	1	74.4			
F8	CEWE_AA_669	1	74.7			
F9	CEWE_AA_669	1	74.4			
F10	CEWE_AA_669	1	79.3			
F11	CEWE_AA_669	1	79.6			
F12	CEWE_AA_669	1	79.8			
G1	CEWE_AA_580	0				
G2	CEWE_AA_580	1	75.0			
G3	CEWE_AA_580	0				
G4	CEWE_AA_580	1	78.9			

Pos	Name	No. Tm SYBR	Tm x (°C) SYBR	Tm y (°C) SYBR	Mean SYBR	Dev. SYBR
G5	CEWE_AA_580	1	79.0			
G6	CEWE_AA_580	1	79.0			
G7	CEWE_AA_679	0				
G8	CEWE_AA_679	0				
G9	CEWE_AA_679	0				
G10	CEWE_AA_679	0				
G11	CEWE_AA_679	0				
G12	CEWE_AA_679	0				
H1	NTC	0			75.9	
H2	NTC	0			75.9	
H3	NTC	1	75.9		75.9	0.0
H4	NTC	0				
H5	NTC	0				
H6	NTC	0				
H7	water	1	74.7		74.7	0.0
H8	water	1	74.7		74.7	0.0
H9	water	0			74.7	
H10	water	1	79.5		79.9	0.3
H11	water	1	80.0		79.9	0.3
H12	water	1	80.1		79.9	0.3

Melting curve



Threshold 33%