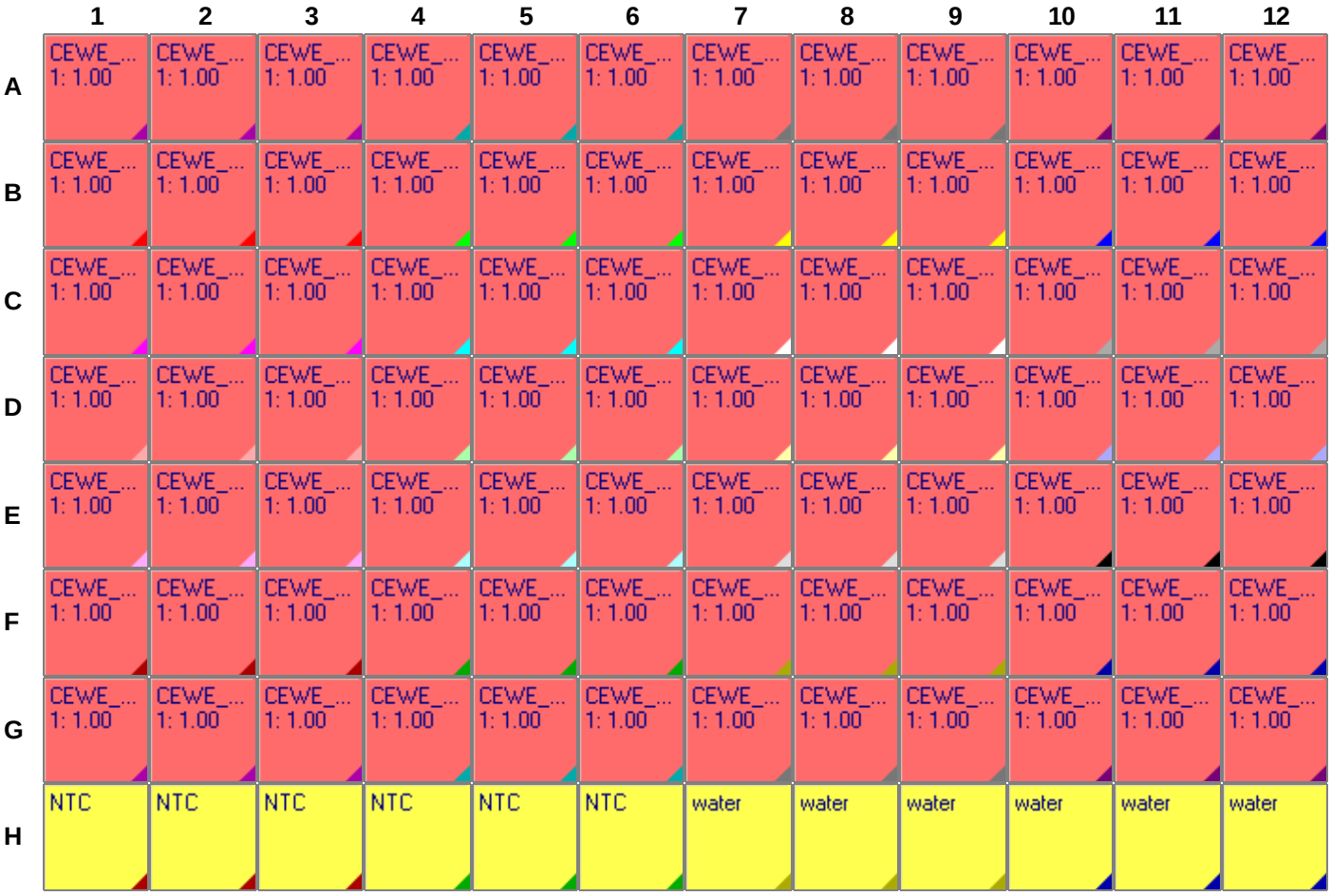
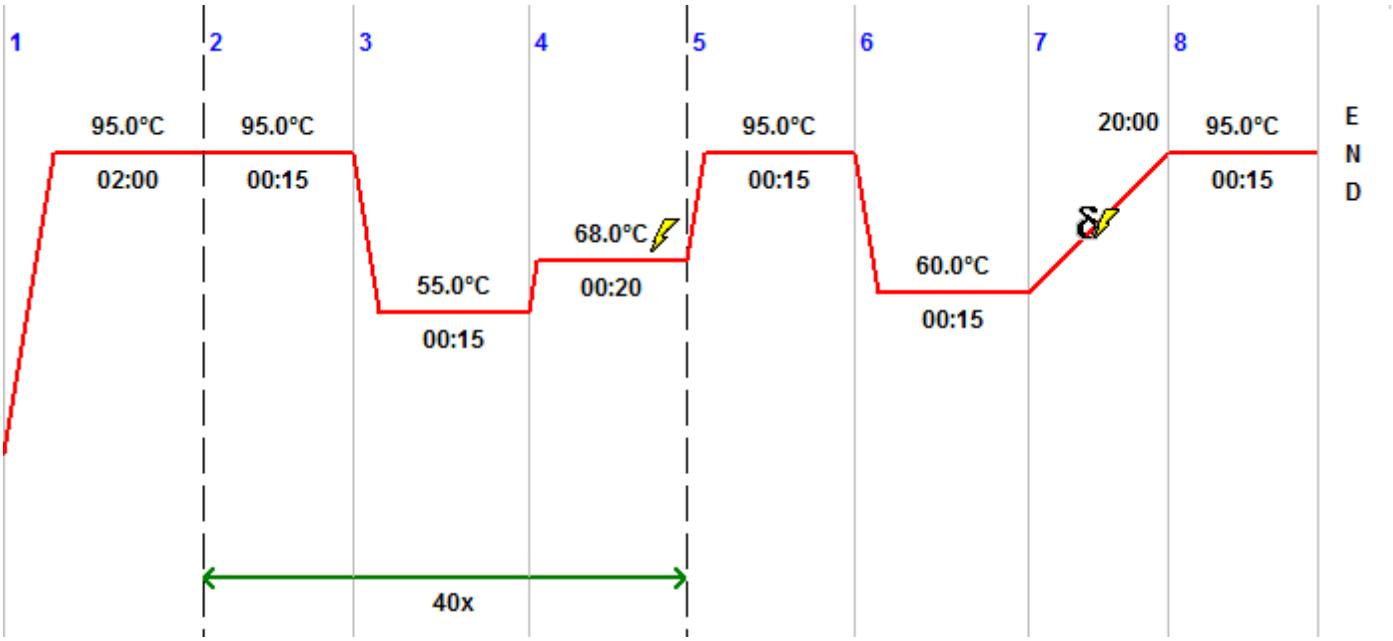
Document information

Software:	realplex 2.2	
File Name:	EPPENDORF\Svenja\cecum_plate3	
Printed by:	EPPENDORF	
Created:	Jan/08/2019 09:53	
Serial No. Thermo Module:	6325 30387	
Serial No. realplex Module.:	630011465	
Acquisition Start Time:	EPPENDORF	Jan/08/2019 09:57
Acquisition End Time:	EPPENDORF	Jan/08/2019 11:25
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_plate3	Quantification	Jan/08/2019 11:28
	Melting Curve	Jan/08/2019 11:25
Inverted Data:	OFF	
Comment:		

Plate layout



PCR Program

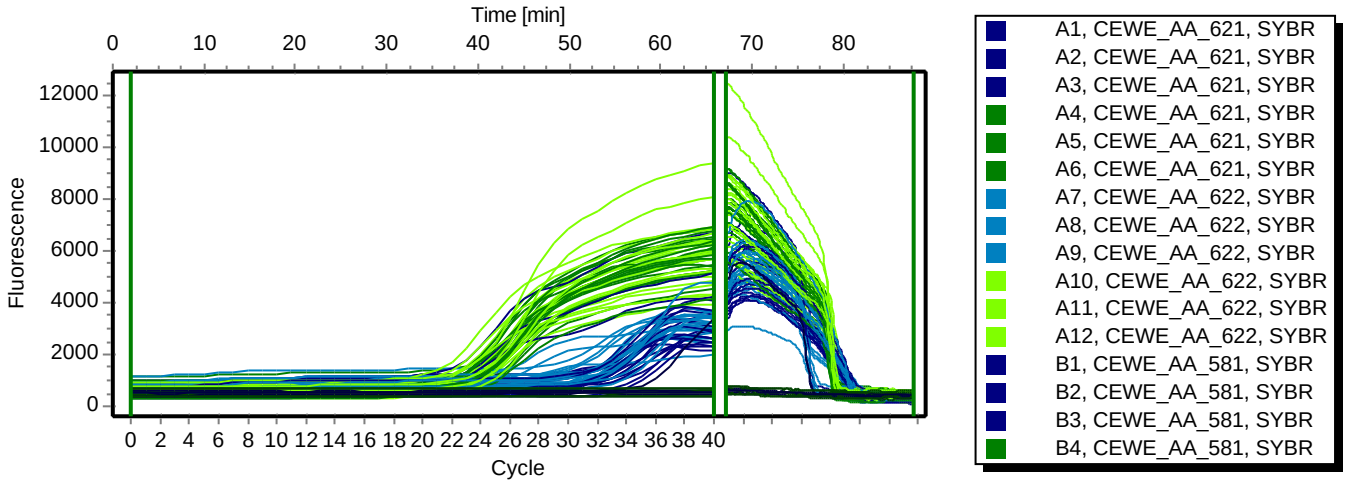


Program Header

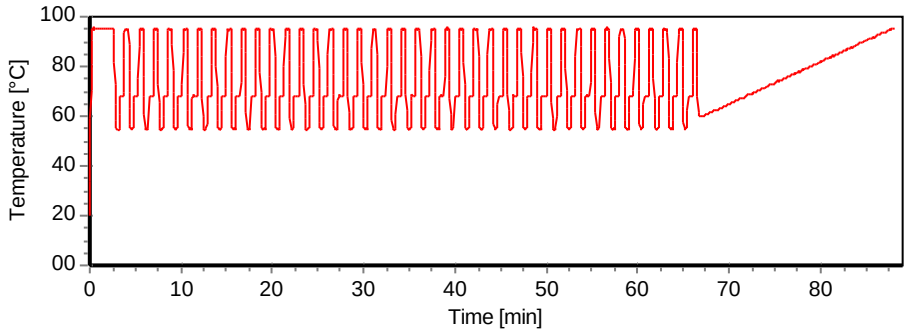
Lid Temp	105 °C	TSP Heated Lid	Yes
Temp. Mode	Standard	Switch off lid at low block temp	No
Impulse	No	Simulate Mastercycler gradient	No

Raw Data SYBR

Fluorescence Profile



Temperature Profile



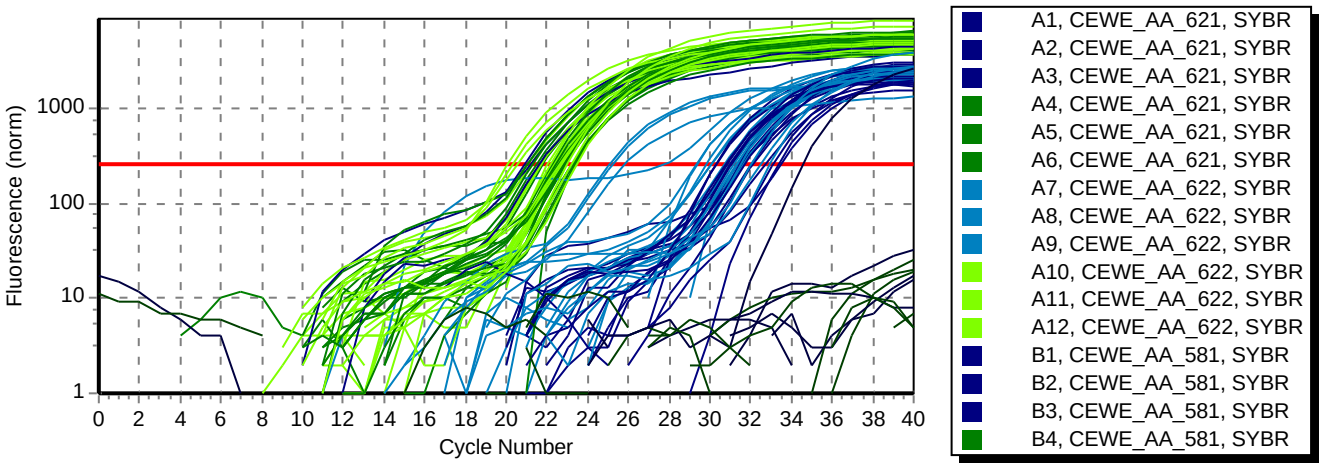
Quantification SYBR

Pos	Name	Ct SYBR	Ct Mean SYBR	Ct Dev. SYBR	Amount SYBR [Copies]	Amount Mean SYBR	Amount Dev. SYBR	Target SYBR
A1	CEWE_AA_621	33.46	32.05	1.26	1.00			eimeria
A2	CEWE_AA_621	31.59	32.05	1.26	1.00			eimeria
A3	CEWE_AA_621	31.08	32.05	1.26	1.00			eimeria
A4	CEWE_AA_621	22.86	22.96	0.21	1.00			mouse
A5	CEWE_AA_621	22.82	22.96	0.21	1.00			mouse
A6	CEWE_AA_621	23.20	22.96	0.21	1.00			mouse
A7	CEWE_AA_622	30.04	29.96	0.12	1.00			eimeria
A8	CEWE_AA_622	29.83	29.96	0.12	1.00			eimeria
A9	CEWE_AA_622	30.02	29.96	0.12	1.00			eimeria
A10	CEWE_AA_622	22.66	22.54	0.14	1.00			mouse
A11	CEWE_AA_622	22.39	22.54	0.14	1.00			mouse
A12	CEWE_AA_622	22.58	22.54	0.14	1.00			mouse
B1	CEWE_AA_581	32.67	31.88	0.69	1.00			eimeria
B2	CEWE_AA_581	31.38	31.88	0.69	1.00			eimeria
B3	CEWE_AA_581	31.59	31.88	0.69	1.00			eimeria
B4	CEWE_AA_581	22.62	22.68	0.09	1.00			mouse
B5	CEWE_AA_581	22.79	22.68	0.09	1.00			mouse
B6	CEWE_AA_581	22.64	22.68	0.09	1.00			mouse
B7	CEWE_AA_624	31.34	31.16	0.18	1.00			eimeria
B8	CEWE_AA_624	30.97	31.16	0.18	1.00			eimeria
B9	CEWE_AA_624	31.17	31.16	0.18	1.00			eimeria
B10	CEWE_AA_624	22.55	22.59	0.09	1.00			mouse
B11	CEWE_AA_624	22.52	22.59	0.09	1.00			mouse
B12	CEWE_AA_624	22.69	22.59	0.09	1.00			mouse
C1	CEWE_AA_577	33.05	32.40	0.56	1.00			eimeria
C2	CEWE_AA_577	32.04	32.40	0.56	1.00			eimeria
C3	CEWE_AA_577	32.11	32.40	0.56	1.00			eimeria
C4	CEWE_AA_577	23.31	23.36	0.04	1.00			mouse
C5	CEWE_AA_577	23.39	23.36	0.04	1.00			mouse
C6	CEWE_AA_577	23.37	23.36	0.04	1.00			mouse
C7	CEWE_AA_638	31.47	31.28	0.51	1.00			eimeria
C8	CEWE_AA_638	31.67	31.28	0.51	1.00			eimeria
C9	CEWE_AA_638	30.71	31.28	0.51	1.00			eimeria
C10	CEWE_AA_638	22.34	22.28	0.23	1.00			mouse
C11	CEWE_AA_638	22.02	22.28	0.23	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_638	22.48	22.28	0.23	1.00			mouse
D1	CEWE_AA_589	30.98	30.52	0.39	1.00			eimeria
D2	CEWE_AA_589	30.29	30.52	0.39	1.00			eimeria
D3	CEWE_AA_589	30.31	30.52	0.39	1.00			eimeria
D4	CEWE_AA_589	21.68	21.67	0.15	1.00			mouse
D5	CEWE_AA_589	21.52	21.67	0.15	1.00			mouse
D6	CEWE_AA_589	21.82	21.67	0.15	1.00			mouse
D7	CEWE_AA_644	29.30	28.80	0.92	1.00			eimeria
D8	CEWE_AA_644	27.74	28.80	0.92	1.00			eimeria
D9	CEWE_AA_644	29.35	28.80	0.92	1.00			eimeria
D10	CEWE_AA_644	21.73	21.56	0.29	1.00			mouse
D11	CEWE_AA_644	21.23	21.56	0.29	1.00			mouse
D12	CEWE_AA_644	21.72	21.56	0.29	1.00			mouse
E1	CEWE_AA_579	21.21	21.26	0.36	1.00			eimeria
E2	CEWE_AA_579	20.93	21.26	0.36	1.00			eimeria
E3	CEWE_AA_579	21.64	21.26	0.36	1.00			eimeria
E4	CEWE_AA_579	21.34	21.16	0.16	1.00			mouse
E5	CEWE_AA_579	21.08	21.16	0.16	1.00			mouse
E6	CEWE_AA_579	21.06	21.16	0.16	1.00			mouse
E7	CEWE_AA_646	25.21	25.37	0.42	1.00			eimeria
E8	CEWE_AA_646	25.05	25.37	0.42	1.00			eimeria
E9	CEWE_AA_646	25.84	25.37	0.42	1.00			eimeria
E10	CEWE_AA_646	20.30	20.29	0.25	1.00			mouse
E11	CEWE_AA_646	20.04	20.29	0.25	1.00			mouse
E12	CEWE_AA_646	20.53	20.29	0.25	1.00			mouse
F1	CEWE_AA_573	33.34	31.97	1.20	1.00			eimeria
F2	CEWE_AA_573	31.49	31.97	1.20	1.00			eimeria
F3	CEWE_AA_573	31.08	31.97	1.20	1.00			eimeria
F4	CEWE_AA_573	22.55	22.41	0.15	1.00			mouse
F5	CEWE_AA_573	22.26	22.41	0.15	1.00			mouse
F6	CEWE_AA_573	22.43	22.41	0.15	1.00			mouse
F7	CEWE_AA_648	31.55	31.23	0.36	1.00			eimeria
F8	CEWE_AA_648	30.84	31.23	0.36	1.00			eimeria
F9	CEWE_AA_648	31.30	31.23	0.36	1.00			eimeria
F10	CEWE_AA_648	22.62	22.52	0.30	1.00			mouse
F11	CEWE_AA_648	22.18	22.52	0.30	1.00			mouse
F12	CEWE_AA_648	22.76	22.52	0.30	1.00			mouse
G1	CEWE_AA_574	31.71	31.11	0.52	1.00			eimeria
G2	CEWE_AA_574	30.87	31.11	0.52	1.00			eimeria

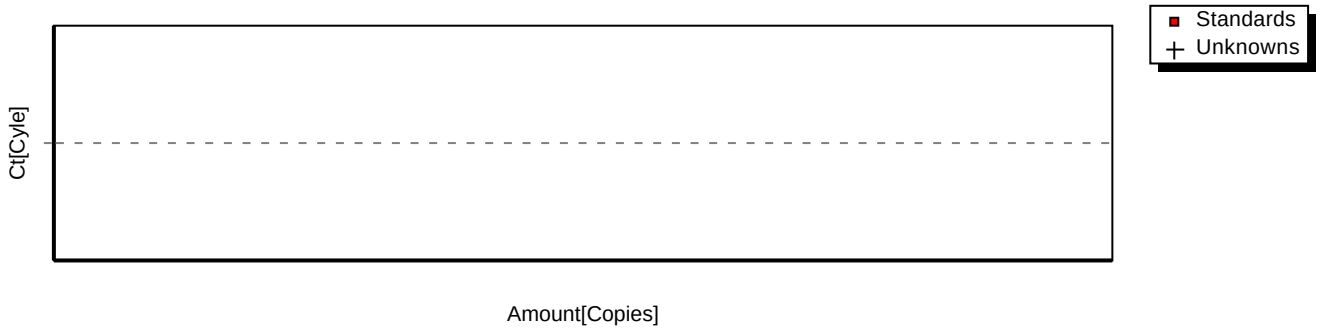
Pos	Name	Ct SYBR	Ct Mean SYBR	Ct Dev. SYBR	Amount SYBR [Copies]	Amount Mean SYBR	Amount Dev. SYBR	Target SYBR
G3	CEWE_AA_574	30.75	31.11	0.52	1.00			eimeria
G4	CEWE_AA_574	22.83	22.94	0.22	1.00			mouse
G5	CEWE_AA_574	22.80	22.94	0.22	1.00			mouse
G6	CEWE_AA_574	23.19	22.94	0.22	1.00			mouse
G7	CEWE_AA_649	32.89	32.48	0.42	1.00			eimeria
G8	CEWE_AA_649	32.05	32.48	0.42	1.00			eimeria
G9	CEWE_AA_649	32.48	32.48	0.42	1.00			eimeria
G10	CEWE_AA_649	23.18	23.18	0.23	1.00			mouse
G11	CEWE_AA_649	22.96	23.18	0.23	1.00			mouse
G12	CEWE_AA_649	23.42	23.18	0.23	1.00			mouse
H1	NTC	-			-			eimeria
H2	NTC	-			-			eimeria
H3	NTC	-			-			eimeria
H4	NTC	-			-			mouse
H5	NTC	-			-			mouse
H6	NTC	-			-			mouse
H7	water	34.55			-			eimeria
H8	water	-			-			eimeria
H9	water	-			-			eimeria
H10	water	-			-			mouse
H11	water	-			-			mouse
H12	water	-			-			mouse

Amplification Plot



Threshold	255 (Noiseband)
Baseline	automatic, Drift correction OFF

Standard curve



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

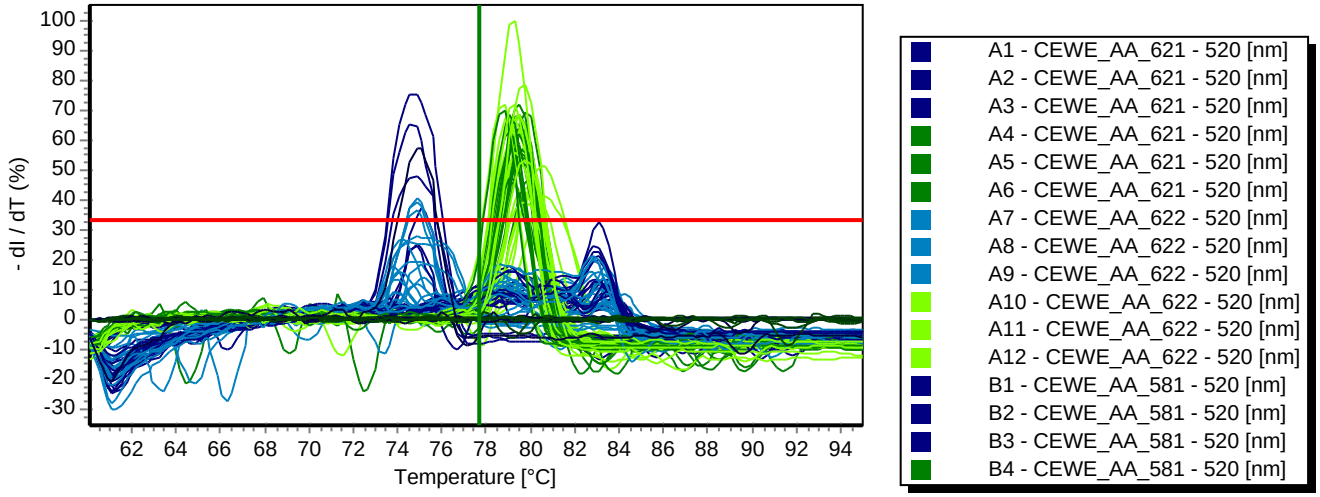
Melting Curve SYBR

Pos	Name	No. Tm SYBR	Tm x (°C) SYBR	Tm y (°C) SYBR	Mean SYBR	Dev. SYBR
A1	CEWE_AA_621	0				
A2	CEWE_AA_621	1	75.1			
A3	CEWE_AA_621	0				
A4	CEWE_AA_621	1	79.6			
A5	CEWE_AA_621	1	79.8			
A6	CEWE_AA_621	1	79.9			
A7	CEWE_AA_622	0				
A8	CEWE_AA_622	0				
A9	CEWE_AA_622	0				
A10	CEWE_AA_622	1	80.2			
A11	CEWE_AA_622	1	80.5			
A12	CEWE_AA_622	1	80.7			
B1	CEWE_AA_581	0				
B2	CEWE_AA_581	0				
B3	CEWE_AA_581	0				
B4	CEWE_AA_581	1	79.5			
B5	CEWE_AA_581	1	79.7			
B6	CEWE_AA_581	1	79.8			
B7	CEWE_AA_624	0				
B8	CEWE_AA_624	0				
B9	CEWE_AA_624	0				
B10	CEWE_AA_624	1	79.3			
B11	CEWE_AA_624	1	79.8			
B12	CEWE_AA_624	1	79.9			
C1	CEWE_AA_577	0				
C2	CEWE_AA_577	0				
C3	CEWE_AA_577	0				
C4	CEWE_AA_577	1	79.2			
C5	CEWE_AA_577	1	79.6			
C6	CEWE_AA_577	1	79.7			
C7	CEWE_AA_638	0				
C8	CEWE_AA_638	0				
C9	CEWE_AA_638	0				
C10	CEWE_AA_638	1	79.1			
C11	CEWE_AA_638	1	79.6			
C12	CEWE_AA_638	1	79.9			

Pos	Name	No. Tm SYBR	Tm x (°C) SYBR	Tm y (°C) SYBR	Mean SYBR	Dev. SYBR
D1	CEWE_AA_589	0				
D2	CEWE_AA_589	0				
D3	CEWE_AA_589	0				
D4	CEWE_AA_589	1	79.2			
D5	CEWE_AA_589	1	79.5			
D6	CEWE_AA_589	1	79.6			
D7	CEWE_AA_644	1	74.9			
D8	CEWE_AA_644	1	74.9			
D9	CEWE_AA_644	1	74.8			
D10	CEWE_AA_644	1	79.0			
D11	CEWE_AA_644	1	79.5			
D12	CEWE_AA_644	1	79.6			
E1	CEWE_AA_579	1	74.6			
E2	CEWE_AA_579	1	74.7			
E3	CEWE_AA_579	1	74.8			
E4	CEWE_AA_579	1	79.0			
E5	CEWE_AA_579	1	79.4			
E6	CEWE_AA_579	1	79.5			
E7	CEWE_AA_646	0				
E8	CEWE_AA_646	0				
E9	CEWE_AA_646	0				
E10	CEWE_AA_646	1	79.1			
E11	CEWE_AA_646	1	79.5			
E12	CEWE_AA_646	1	79.7			
F1	CEWE_AA_573	0				
F2	CEWE_AA_573	0				
F3	CEWE_AA_573	0				
F4	CEWE_AA_573	1	79.1			
F5	CEWE_AA_573	1	79.5			
F6	CEWE_AA_573	1	79.6			
F7	CEWE_AA_648	0				
F8	CEWE_AA_648	0				
F9	CEWE_AA_648	0				
F10	CEWE_AA_648	1	78.7			
F11	CEWE_AA_648	1	79.2			
F12	CEWE_AA_648	1	79.3			
G1	CEWE_AA_574	0				
G2	CEWE_AA_574	0				
G3	CEWE_AA_574	0				
G4	CEWE_AA_574	1	78.8			

Pos	Name	No. Tm SYBR	Tm x (°C) SYBR	Tm y (°C) SYBR	Mean SYBR	Dev. SYBR
G5	CEWE_AA_574	1	79.1			
G6	CEWE_AA_574	1	79.2			
G7	CEWE_AA_649	0				
G8	CEWE_AA_649	0				
G9	CEWE_AA_649	0				
G10	CEWE_AA_649	1	79.2			
G11	CEWE_AA_649	1	79.7			
G12	CEWE_AA_649	1	79.7			
H1	NTC	0				
H2	NTC	0				
H3	NTC	0				
H4	NTC	0				
H5	NTC	0				
H6	NTC	0				
H7	water	1	75.0		75.0	0.0
H8	water	0			75.0	
H9	water	0			75.0	
H10	water	0				
H11	water	0				
H12	water	0				

Melting curve



Threshold 33%