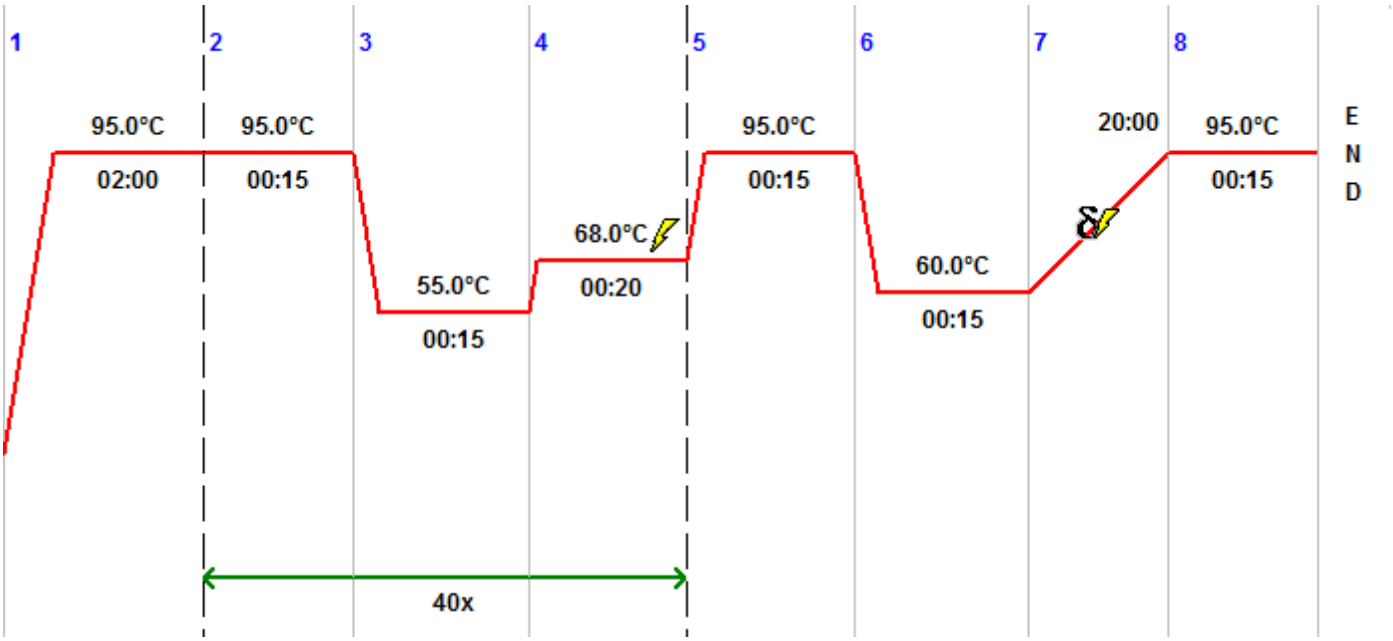
Document information

Software:	realplex 2.2	
File Name:	EPPENDORF\Svenja\ileumplate6	
Printed by:	EPPENDORF	
Created:	Nov/13/2018 11:38	
Serial No. Thermo Module:	6325 30387	
Serial No. realplex Module.:	630011465	
Acquisition Start Time:	EPPENDORF	Nov/13/2018 11:42
Acquisition End Time:	EPPENDORF	Nov/13/2018 13:10
Last updated:	EPPENDORF	Nov/13/2018 11:38
Background:	Sarstedt-20µl	Sep/12/2011 10:28
Color Calibration:	SYBR	Mar/12/2018 15:31
ileumplate6	Quantification	Nov/13/2018 13:11
	Melting Curve	Nov/13/2018 13:13
Inverted Data:	OFF	
Comment:		

Plate layout

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

PCR Program

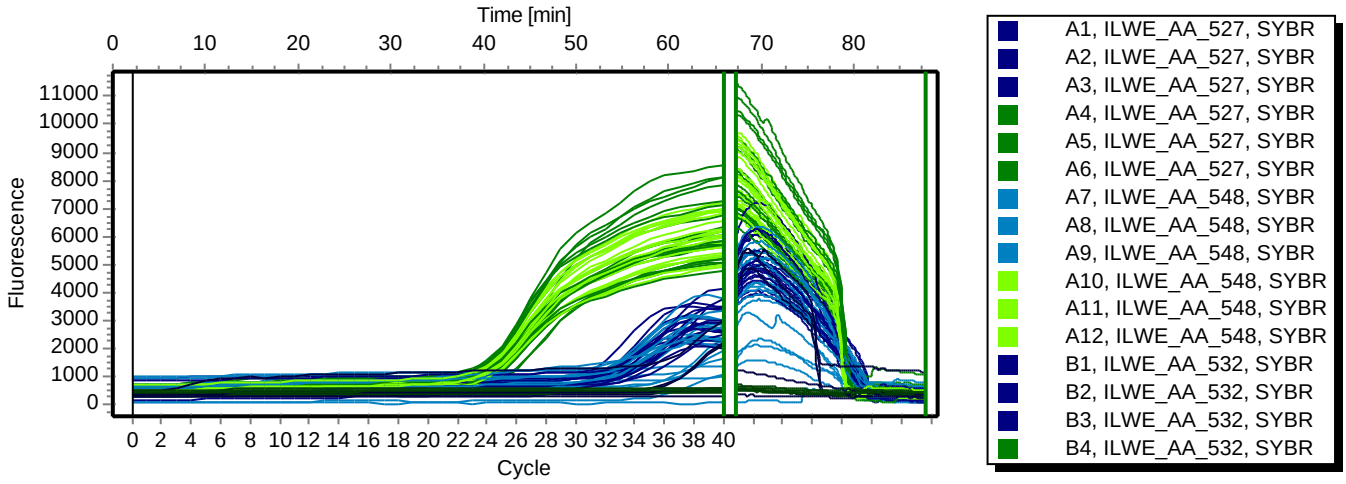


Program Header

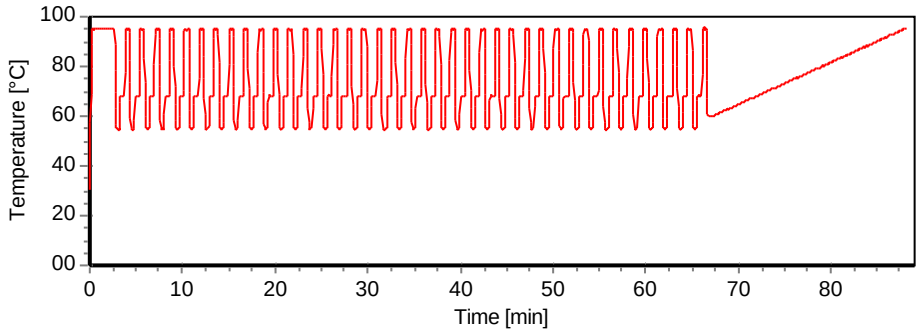
Lid Temp	105 °C	TSP Heated Lid	Yes
Temp. Mode	Standard	Switch off lid at low block temp	No
Impulse	No	Simulate Mastercycler gradient	No

Raw Data SYBR

Fluorescence Profile



Temperature Profile



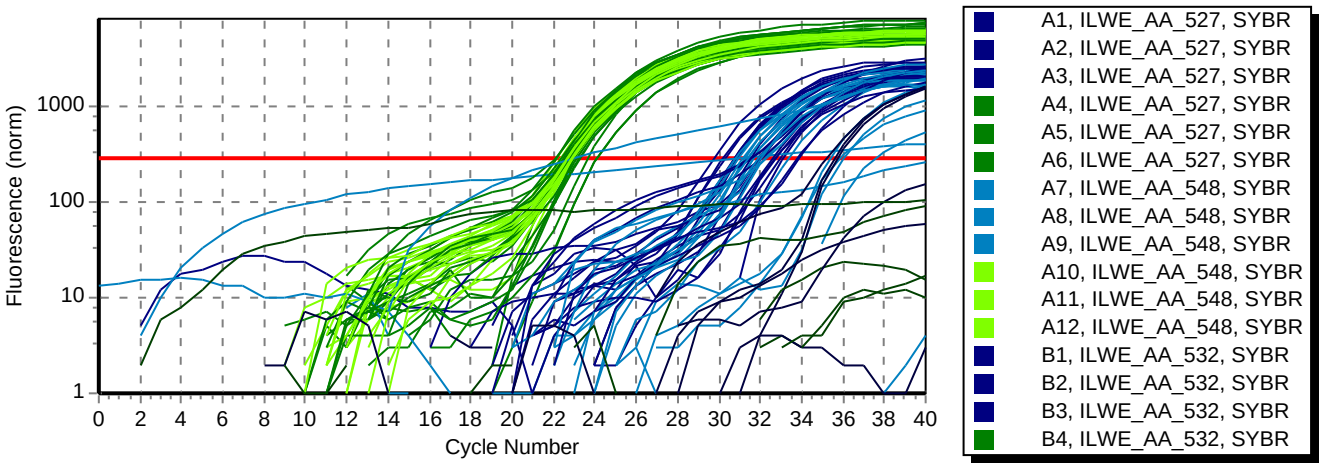
Quantification SYBR

Pos	Name	Ct SYBR	Ct Mean SYBR	Ct Dev. SYBR	Amount SYBR [Copies]	Amount Mean SYBR	Amount Dev. SYBR	Target SYBR
A1	ILWE_AA_527	30.76	30.87	0.09	1.00			eimeria
A2	ILWE_AA_527	30.94	30.87	0.09	1.00			eimeria
A3	ILWE_AA_527	30.91	30.87	0.09	1.00			eimeria
A4	ILWE_AA_527	22.56	22.58	0.06	1.00			mouse
A5	ILWE_AA_527	22.64	22.58	0.06	1.00			mouse
A6	ILWE_AA_527	22.53	22.58	0.06	1.00			mouse
A7	ILWE_AA_548	36.03	35.80	0.31	1.00			eimeria
A8	ILWE_AA_548	35.45	35.80	0.31	1.00			eimeria
A9	ILWE_AA_548	35.91	35.80	0.31	1.00			eimeria
A10	ILWE_AA_548	22.86	22.68	0.19	1.00			mouse
A11	ILWE_AA_548	22.48	22.68	0.19	1.00			mouse
A12	ILWE_AA_548	22.70	22.68	0.19	1.00			mouse
B1	ILWE_AA_532	32.76	32.94	0.17	1.00			eimeria
B2	ILWE_AA_532	32.96	32.94	0.17	1.00			eimeria
B3	ILWE_AA_532	33.09	32.94	0.17	1.00			eimeria
B4	ILWE_AA_532	24.17	24.02	0.27	1.00			mouse
B5	ILWE_AA_532	24.18	24.02	0.27	1.00			mouse
B6	ILWE_AA_532	23.72	24.02	0.27	1.00			mouse
B7	ILWE_AA_549	37.66	33.47	3.63	1.00			eimeria
B8	ILWE_AA_549	31.32	33.47	3.63	1.00			eimeria
B9	ILWE_AA_549	31.42	33.47	3.63	1.00			eimeria
B10	ILWE_AA_549	22.40	22.32	0.12	1.00			mouse
B11	ILWE_AA_549	22.19	22.32	0.12	1.00			mouse
B12	ILWE_AA_549	22.38	22.32	0.12	1.00			mouse
C1	ILWE_AA_537	30.78	31.49	0.67	1.00			eimeria
C2	ILWE_AA_537	31.60	31.49	0.67	1.00			eimeria
C3	ILWE_AA_537	32.11	31.49	0.67	1.00			eimeria
C4	ILWE_AA_537	23.17	22.75	0.36	1.00			mouse
C5	ILWE_AA_537	22.60	22.75	0.36	1.00			mouse
C6	ILWE_AA_537	22.49	22.75	0.36	1.00			mouse
C7	ILWE_AA_550	33.42	32.48	0.86	1.00			eimeria
C8	ILWE_AA_550	31.73	32.48	0.86	1.00			eimeria
C9	ILWE_AA_550	32.29	32.48	0.86	1.00			eimeria
C10	ILWE_AA_550	22.76	22.67	0.26	1.00			mouse
C11	ILWE_AA_550	22.38	22.67	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	ILWE_AA_550	22.87	22.67	0.26	1.00			mouse
D1	ILWE_AA_542	30.33	30.09	0.29	1.00			eimeria
D2	ILWE_AA_542	29.77	30.09	0.29	1.00			eimeria
D3	ILWE_AA_542	30.17	30.09	0.29	1.00			eimeria
D4	ILWE_AA_542	23.36	23.13	0.25	1.00			mouse
D5	ILWE_AA_542	23.16	23.13	0.25	1.00			mouse
D6	ILWE_AA_542	22.87	23.13	0.25	1.00			mouse
D7	ILWE_AA_552	31.93			1.00			eimeria
D8	ILWE_AA_552				1.00			eimeria
D9	ILWE_AA_552				1.00			eimeria
D10	ILWE_AA_552	22.92	22.88	0.17	1.00			mouse
D11	ILWE_AA_552	22.70	22.88	0.17	1.00			mouse
D12	ILWE_AA_552	23.03	22.88	0.17	1.00			mouse
E1	ILWE_AA_543	32.08	32.27	0.40	1.00			eimeria
E2	ILWE_AA_543	32.00	32.27	0.40	1.00			eimeria
E3	ILWE_AA_543	32.73	32.27	0.40	1.00			eimeria
E4	ILWE_AA_543	23.27	22.95	0.38	1.00			mouse
E5	ILWE_AA_543	23.04	22.95	0.38	1.00			mouse
E6	ILWE_AA_543	22.54	22.95	0.38	1.00			mouse
E7	ILWE_AA_553	31.74	31.18	0.49	1.00			eimeria
E8	ILWE_AA_553	30.99	31.18	0.49	1.00			eimeria
E9	ILWE_AA_553	30.82	31.18	0.49	1.00			eimeria
E10	ILWE_AA_553	22.84	22.73	0.13	1.00			mouse
E11	ILWE_AA_553	22.58	22.73	0.13	1.00			mouse
E12	ILWE_AA_553	22.75	22.73	0.13	1.00			mouse
F1	ILWE_AA_546	31.70	31.80	0.29	1.00			eimeria
F2	ILWE_AA_546	31.58	31.80	0.29	1.00			eimeria
F3	ILWE_AA_546	32.13	31.80	0.29	1.00			eimeria
F4	ILWE_AA_546	22.56	22.37	0.21	1.00			mouse
F5	ILWE_AA_546	22.42	22.37	0.21	1.00			mouse
F6	ILWE_AA_546	22.14	22.37	0.21	1.00			mouse
F7	ILWE_AA_555	32.09	31.57	0.47	1.00			eimeria
F8	ILWE_AA_555	31.45	31.57	0.47	1.00			eimeria
F9	ILWE_AA_555	31.18	31.57	0.47	1.00			eimeria
F10	ILWE_AA_555	22.66	22.73	0.19	1.00			mouse
F11	ILWE_AA_555	22.59	22.73	0.19	1.00			mouse
F12	ILWE_AA_555	22.94	22.73	0.19	1.00			mouse
G1	ILWE_AA_547	32.63	33.46	0.72	1.00			eimeria
G2	ILWE_AA_547	33.90	33.46	0.72	1.00			eimeria

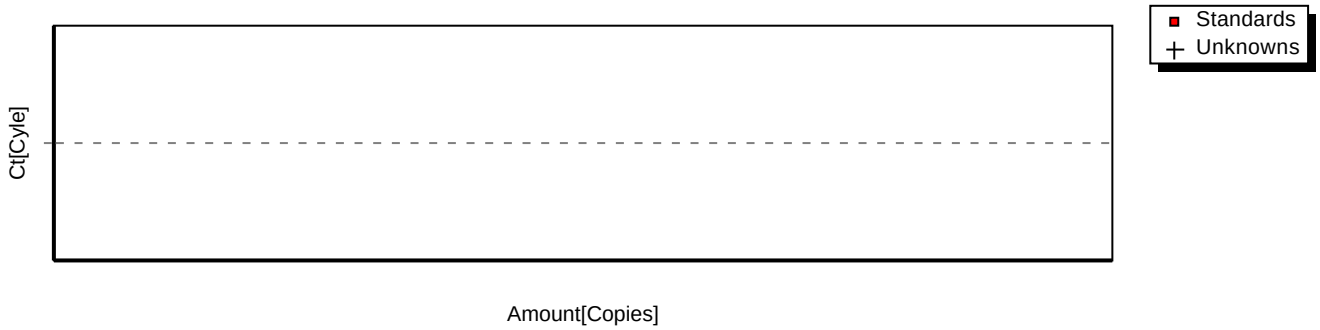
Pos	Name	Ct SYBR	Ct Mean SYBR	Ct Dev. SYBR	Amount SYBR [Copies]	Amount Mean SYBR	Amount Dev. SYBR	Target SYBR
G3	ILWE_AA_547	33.85	33.46	0.72	1.00			eimeria
G4	ILWE_AA_547	22.81	22.51	0.34	1.00			mouse
G5	ILWE_AA_547	22.59	22.51	0.34	1.00			mouse
G6	ILWE_AA_547	22.14	22.51	0.34	1.00			mouse
G7	ILWE_AA_557	23.17	29.16	5.19	1.00			eimeria
G8	ILWE_AA_557	32.36	29.16	5.19	1.00			eimeria
G9	ILWE_AA_557	31.96	29.16	5.19	1.00			eimeria
G10	ILWE_AA_557	22.92	22.84	0.14	1.00			mouse
G11	ILWE_AA_557	22.68	22.84	0.14	1.00			mouse
G12	ILWE_AA_557	22.93	22.84	0.14	1.00			mouse
H1	NTC	-	35.69	0.10	-			eimeria
H2	NTC	35.75	35.69	0.10	-			eimeria
H3	NTC	35.62	35.69	0.10	-			eimeria
H4	NTC	-			-			mouse
H5	NTC	-			-			mouse
H6	NTC	-			-			mouse
H7	water	35.27			-			eimeria
H8	water	-			-			eimeria
H9	water	-			-			eimeria
H10	water	-			-			mouse
H11	water	-			-			mouse
H12	water	-			-			mouse

Amplification Plot



Threshold	289 (Noiseband)
Baseline	automatic, Drift correction OFF

Standard curve



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

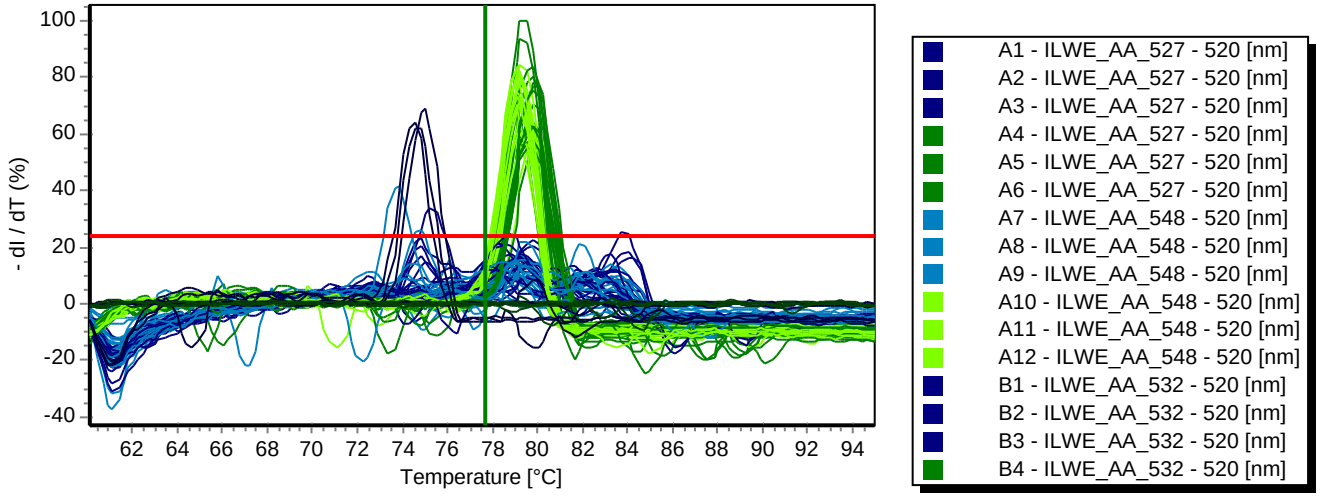
Melting Curve SYBR

Pos	Name	No. Tm SYBR	Tm x (°C) SYBR	Tm y (°C) SYBR	Mean SYBR	Dev. SYBR
A1	ILWE_AA_527	0				
A2	ILWE_AA_527	0				
A3	ILWE_AA_527	1	83.9			
A4	ILWE_AA_527	1	79.8			
A5	ILWE_AA_527	1	79.9			
A6	ILWE_AA_527	1	79.9			
A7	ILWE_AA_548	0				
A8	ILWE_AA_548	0				
A9	ILWE_AA_548	0				
A10	ILWE_AA_548	1	79.7			
A11	ILWE_AA_548	1	79.8			
A12	ILWE_AA_548	1	79.9			
B1	ILWE_AA_532	0				
B2	ILWE_AA_532	0				
B3	ILWE_AA_532	0				
B4	ILWE_AA_532	1	79.7			
B5	ILWE_AA_532	1	79.9			
B6	ILWE_AA_532	1	79.8			
B7	ILWE_AA_549	0				
B8	ILWE_AA_549	0				
B9	ILWE_AA_549	0				
B10	ILWE_AA_549	1	79.4			
B11	ILWE_AA_549	1	79.4			
B12	ILWE_AA_549	1	79.4			
C1	ILWE_AA_537	0				
C2	ILWE_AA_537	0				
C3	ILWE_AA_537	0				
C4	ILWE_AA_537	1	79.5			
C5	ILWE_AA_537	1	79.6			
C6	ILWE_AA_537	1	79.7			
C7	ILWE_AA_550	0				
C8	ILWE_AA_550	0				
C9	ILWE_AA_550	0				
C10	ILWE_AA_550	1	79.0			
C11	ILWE_AA_550	1	79.3			
C12	ILWE_AA_550	1	79.4			

Pos	Name	No. Tm SYBR	Tm x (°C) SYBR	Tm y (°C) SYBR	Mean SYBR	Dev. SYBR
D1	ILWE_AA_542	0				
D2	ILWE_AA_542	1	75.3			
D3	ILWE_AA_542	0				
D4	ILWE_AA_542	1	79.3			
D5	ILWE_AA_542	1	79.3			
D6	ILWE_AA_542	1	79.4			
D7	ILWE_AA_552	0				
D8	ILWE_AA_552	0				
D9	ILWE_AA_552	0				
D10	ILWE_AA_552	1	79.1			
D11	ILWE_AA_552	1	79.2			
D12	ILWE_AA_552	1	79.3			
E1	ILWE_AA_543	0				
E2	ILWE_AA_543	0				
E3	ILWE_AA_543	0				
E4	ILWE_AA_543	1	79.1			
E5	ILWE_AA_543	1	79.3			
E6	ILWE_AA_543	1	79.4			
E7	ILWE_AA_553	0				
E8	ILWE_AA_553	0				
E9	ILWE_AA_553	0				
E10	ILWE_AA_553	1	79.0			
E11	ILWE_AA_553	1	79.1			
E12	ILWE_AA_553	1	79.3			
F1	ILWE_AA_546	0				
F2	ILWE_AA_546	0				
F3	ILWE_AA_546	0				
F4	ILWE_AA_546	1	79.7			
F5	ILWE_AA_546	1	79.7			
F6	ILWE_AA_546	1	79.8			
F7	ILWE_AA_555	1	74.8			
F8	ILWE_AA_555	0				
F9	ILWE_AA_555	0				
F10	ILWE_AA_555	1	79.1			
F11	ILWE_AA_555	1	79.2			
F12	ILWE_AA_555	1	79.3			
G1	ILWE_AA_547	0				
G2	ILWE_AA_547	1	78.8			
G3	ILWE_AA_547	0				
G4	ILWE_AA_547	1	79.7			

Pos	Name	No. Tm SYBR	Tm x (°C) SYBR	Tm y (°C) SYBR	Mean SYBR	Dev. SYBR
G5	ILWE_AA_547	1	79.8			
G6	ILWE_AA_547	1	79.9			
G7	ILWE_AA_557	1	73.8			
G8	ILWE_AA_557	0				
G9	ILWE_AA_557	0				
G10	ILWE_AA_557	1	79.0			
G11	ILWE_AA_557	1	79.1			
G12	ILWE_AA_557	1	79.1			
H1	NTC	0			74.9	
H2	NTC	1	75.0		74.9	0.2
H3	NTC	1	74.7		74.9	0.2
H4	NTC	0				
H5	NTC	0				
H6	NTC	0				
H7	water	1	74.5		74.5	0.0
H8	water	0			74.5	
H9	water	0			74.5	
H10	water	0				
H11	water	0				
H12	water	0				

Melting curve



Threshold 24%