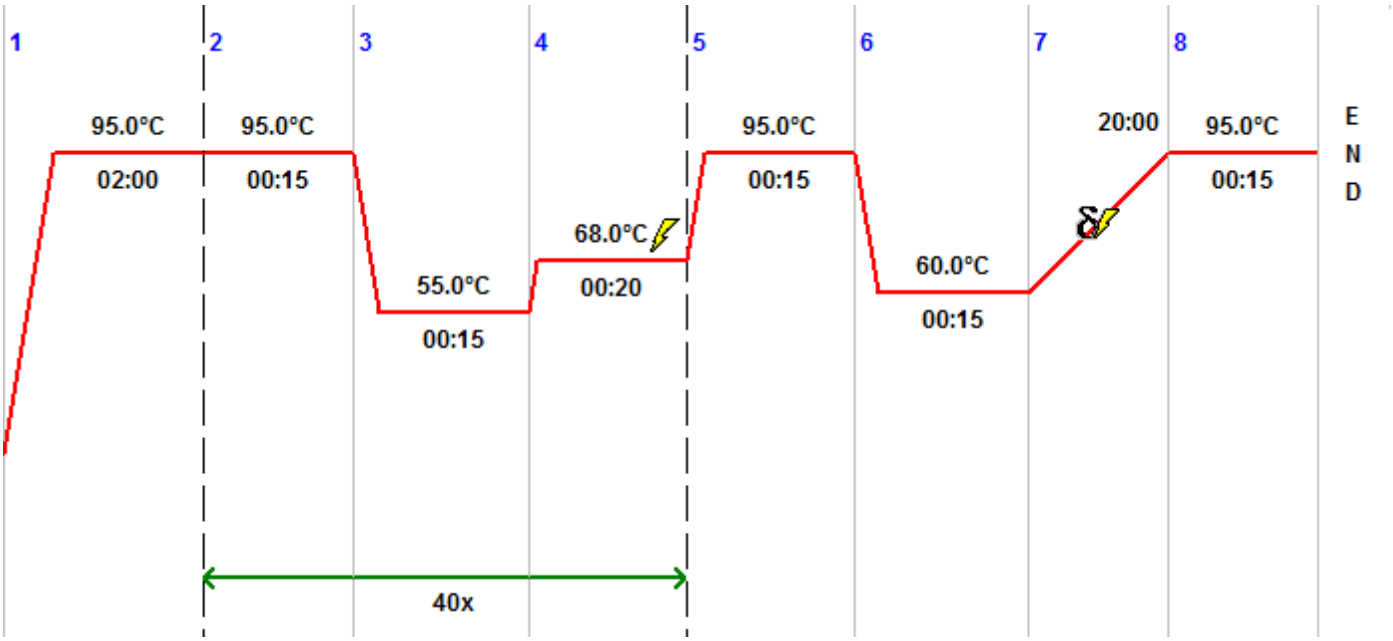
Document information

Software:	realplex 2.2	
File Name:	EPPENDORF\Svenja\ileumplate5	
Printed by:	EPPENDORF	
Created:	Nov/13/2018 09:55	
Serial No. Thermo Module:	6325 30387	
Serial No. realplex Module.:	630011465	
Acquisition Start Time:	EPPENDORF	Nov/13/2018 09:59
Acquisition End Time:	EPPENDORF	Nov/13/2018 11:27
Last updated:	EPPENDORF	Nov/06/2018 18:40
Background:	Sarstedt-20µl	Sep/12/2011 10:28
Color Calibration:	SYBR	Mar/12/2018 15:31
ileumplate5	Quantification	Nov/13/2018 11:30
	Melting Curve	Nov/13/2018 11:30
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

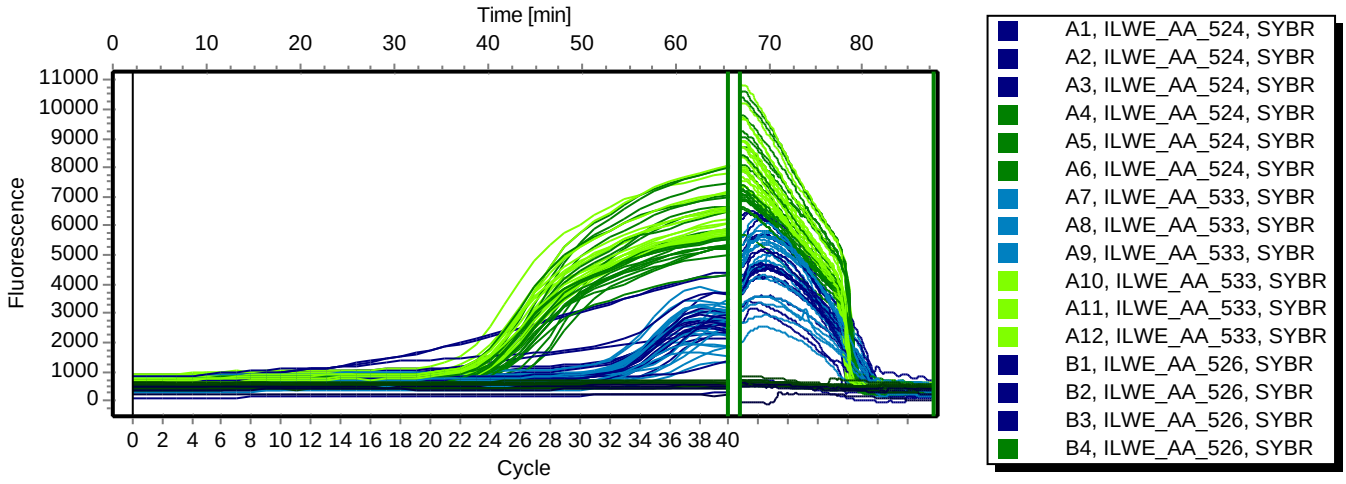


Program Header

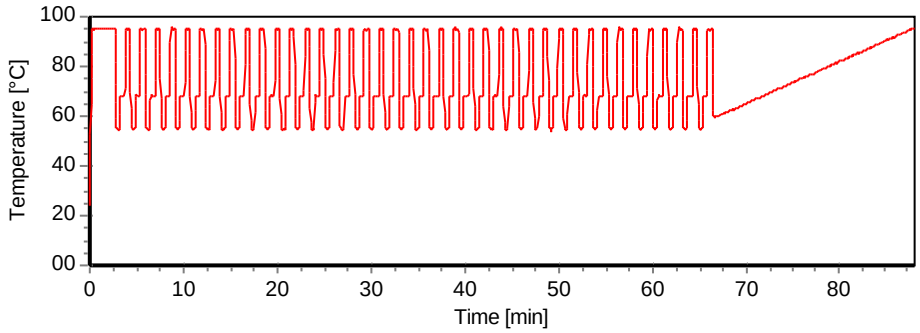
Lid Temp	105 °C	TSP Heated Lid	Yes
Temp. Mode	Standard	Switch off lid at low block temp	No
Impulse	No	Simulate Mastercycler gradient	No

Raw Data SYBR

Fluorescence Profile



Temperature Profile



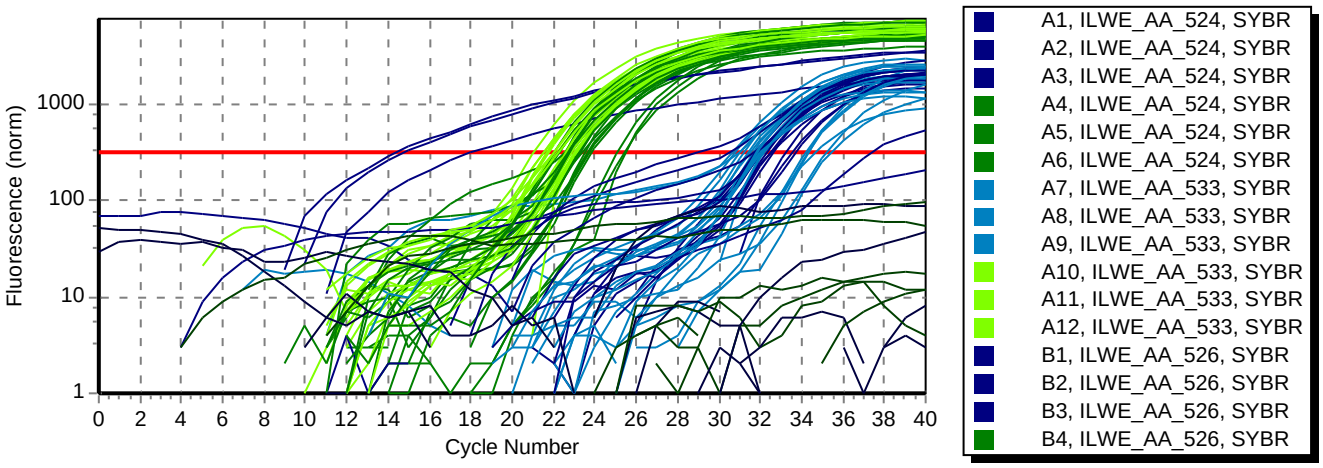
Quantification SYBR

Pos	Name	Ct SYBR	Ct Mean SYBR	Ct Dev. SYBR	Amount SYBR [Copies]	Amount Mean SYBR	Amount Dev. SYBR	Target SYBR
A1	ILWE_AA_524	32.53	32.25	0.25	1.00			eimeria
A2	ILWE_AA_524	32.18	32.25	0.25	1.00			eimeria
A3	ILWE_AA_524	32.04	32.25	0.25	1.00			eimeria
A4	ILWE_AA_524	23.78	23.73	0.17	1.00			mouse
A5	ILWE_AA_524	23.54	23.73	0.17	1.00			mouse
A6	ILWE_AA_524	23.86	23.73	0.17	1.00			mouse
A7	ILWE_AA_533	31.48	31.18	0.48	1.00			eimeria
A8	ILWE_AA_533	30.63	31.18	0.48	1.00			eimeria
A9	ILWE_AA_533	31.43	31.18	0.48	1.00			eimeria
A10	ILWE_AA_533	21.50	21.35	0.26	1.00			mouse
A11	ILWE_AA_533	21.49	21.35	0.26	1.00			mouse
A12	ILWE_AA_533	21.05	21.35	0.26	1.00			mouse
B1	ILWE_AA_526	33.53	33.10	0.47	1.00			eimeria
B2	ILWE_AA_526	32.61	33.10	0.47	1.00			eimeria
B3	ILWE_AA_526	33.17	33.10	0.47	1.00			eimeria
B4	ILWE_AA_526	25.49	25.32	0.23	1.00			mouse
B5	ILWE_AA_526	25.06	25.32	0.23	1.00			mouse
B6	ILWE_AA_526	25.41	25.32	0.23	1.00			mouse
B7	ILWE_AA_534	32.20	31.96	0.25	1.00			eimeria
B8	ILWE_AA_534	31.69	31.96	0.25	1.00			eimeria
B9	ILWE_AA_534	31.99	31.96	0.25	1.00			eimeria
B10	ILWE_AA_534	22.68	22.76	0.32	1.00			mouse
B11	ILWE_AA_534	23.11	22.76	0.32	1.00			mouse
B12	ILWE_AA_534	22.49	22.76	0.32	1.00			mouse
C1	ILWE_AA_637	14.82	15.75	2.02	1.00			eimeria
C2	ILWE_AA_637	14.38	15.75	2.02	1.00			eimeria
C3	ILWE_AA_637	18.07	15.75	2.02	1.00			eimeria
C4	ILWE_AA_637	23.66	23.13	0.56	1.00			mouse
C5	ILWE_AA_637	23.18	23.13	0.56	1.00			mouse
C6	ILWE_AA_637	22.54	23.13	0.56	1.00			mouse
C7	ILWE_AA_535	30.78	31.00	0.21	1.00			eimeria
C8	ILWE_AA_535	31.20	31.00	0.21	1.00			eimeria
C9	ILWE_AA_535	31.02	31.00	0.21	1.00			eimeria
C10	ILWE_AA_535	22.17	22.21	0.03	1.00			mouse
C11	ILWE_AA_535	22.23	22.21	0.03	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_535	22.23	22.21	0.03	1.00			mouse
D1	ILWE_AA_660	31.68	30.39	1.34	1.00			eimeria
D2	ILWE_AA_660	30.48	30.39	1.34	1.00			eimeria
D3	ILWE_AA_660	29.00	30.39	1.34	1.00			eimeria
D4	ILWE_AA_660	23.72	23.48	0.22	1.00			mouse
D5	ILWE_AA_660	23.31	23.48	0.22	1.00			mouse
D6	ILWE_AA_660	23.40	23.48	0.22	1.00			mouse
D7	ILWE_AA_536	35.19	34.94	0.64	1.00			eimeria
D8	ILWE_AA_536	34.21	34.94	0.64	1.00			eimeria
D9	ILWE_AA_536	35.42	34.94	0.64	1.00			eimeria
D10	ILWE_AA_536	23.09	23.09	0.05	1.00			mouse
D11	ILWE_AA_536	23.15	23.09	0.05	1.00			mouse
D12	ILWE_AA_536	23.05	23.09	0.05	1.00			mouse
E1	ILWE_AA_525	32.47	32.27	0.24	1.00			eimeria
E2	ILWE_AA_525	32.33	32.27	0.24	1.00			eimeria
E3	ILWE_AA_525	32.01	32.27	0.24	1.00			eimeria
E4	ILWE_AA_525	22.84	22.72	0.12	1.00			mouse
E5	ILWE_AA_525	22.59	22.72	0.12	1.00			mouse
E6	ILWE_AA_525	22.72	22.72	0.12	1.00			mouse
E7	ILWE_AA_538	34.30	34.43	0.19	1.00			eimeria
E8	ILWE_AA_538	34.35	34.43	0.19	1.00			eimeria
E9	ILWE_AA_538	34.65	34.43	0.19	1.00			eimeria
E10	ILWE_AA_538	23.00	22.81	0.21	1.00			mouse
E11	ILWE_AA_538	22.87	22.81	0.21	1.00			mouse
E12	ILWE_AA_538	22.58	22.81	0.21	1.00			mouse
F1	ILWE_AA_641	31.92	31.93	0.16	1.00			eimeria
F2	ILWE_AA_641	31.76	31.93	0.16	1.00			eimeria
F3	ILWE_AA_641	32.09	31.93	0.16	1.00			eimeria
F4	ILWE_AA_641	23.25	22.89	0.31	1.00			mouse
F5	ILWE_AA_641	22.75	22.89	0.31	1.00			mouse
F6	ILWE_AA_641	22.68	22.89	0.31	1.00			mouse
F7	ILWE_AA_540	31.85	31.94	0.19	1.00			eimeria
F8	ILWE_AA_540	31.81	31.94	0.19	1.00			eimeria
F9	ILWE_AA_540	32.17	31.94	0.19	1.00			eimeria
F10	ILWE_AA_540	21.70	21.70	0.03	1.00			mouse
F11	ILWE_AA_540	21.74	21.70	0.03	1.00			mouse
F12	ILWE_AA_540	21.67	21.70	0.03	1.00			mouse
G1	ILWE_AA_531	37.39	35.55	2.60	1.00			eimeria
G2	ILWE_AA_531	33.72	35.55	2.60	1.00			eimeria

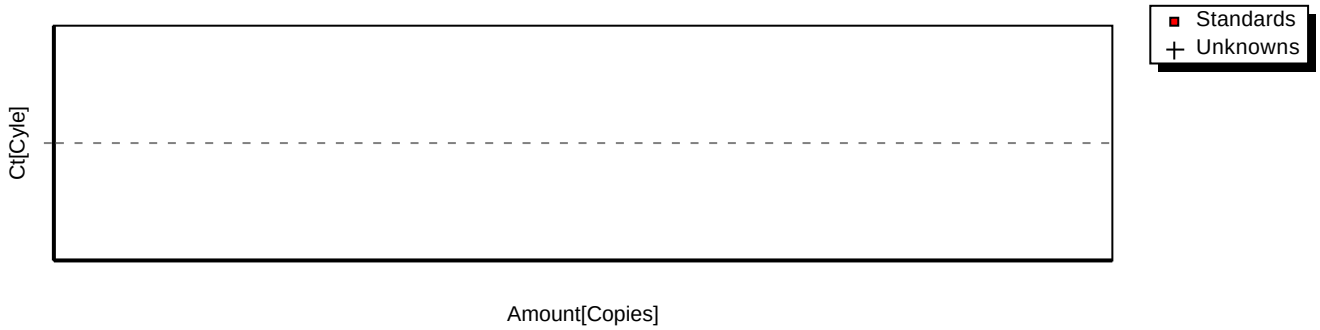
Pos	Name	Ct SYBR	Ct Mean SYBR	Ct Dev. SYBR	Amount SYBR [Copies]	Amount Mean SYBR	Amount Dev. SYBR	Target SYBR
G3	ILWE_AA_531		35.55	2.60	1.00			eimeria
G4	ILWE_AA_531	22.23	22.15	0.14	1.00			mouse
G5	ILWE_AA_531	21.99	22.15	0.14	1.00			mouse
G6	ILWE_AA_531	22.23	22.15	0.14	1.00			mouse
G7	ILWE_AA_541	32.03	31.71	0.60	1.00			eimeria
G8	ILWE_AA_541	31.02	31.71	0.60	1.00			eimeria
G9	ILWE_AA_541	32.08	31.71	0.60	1.00			eimeria
G10	ILWE_AA_541	21.97	22.05	0.13	1.00			mouse
G11	ILWE_AA_541	22.20	22.05	0.13	1.00			mouse
G12	ILWE_AA_541	21.97	22.05	0.13	1.00			mouse
H1	NTC	-			-			eimeria
H2	NTC	-			-			eimeria
H3	NTC	-			-			eimeria
H4	NTC	-			-			mouse
H5	NTC	-			-			mouse
H6	NTC	-			-			mouse
H7	water	-			-			eimeria
H8	water	-			-			eimeria
H9	water	-			-			eimeria
H10	water	-			-			mouse
H11	water	-			-			mouse
H12	water	-			-			mouse

Amplification Plot



Threshold	310 (Noiseband)
Baseline	automatic, Drift correction OFF

Standard curve



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

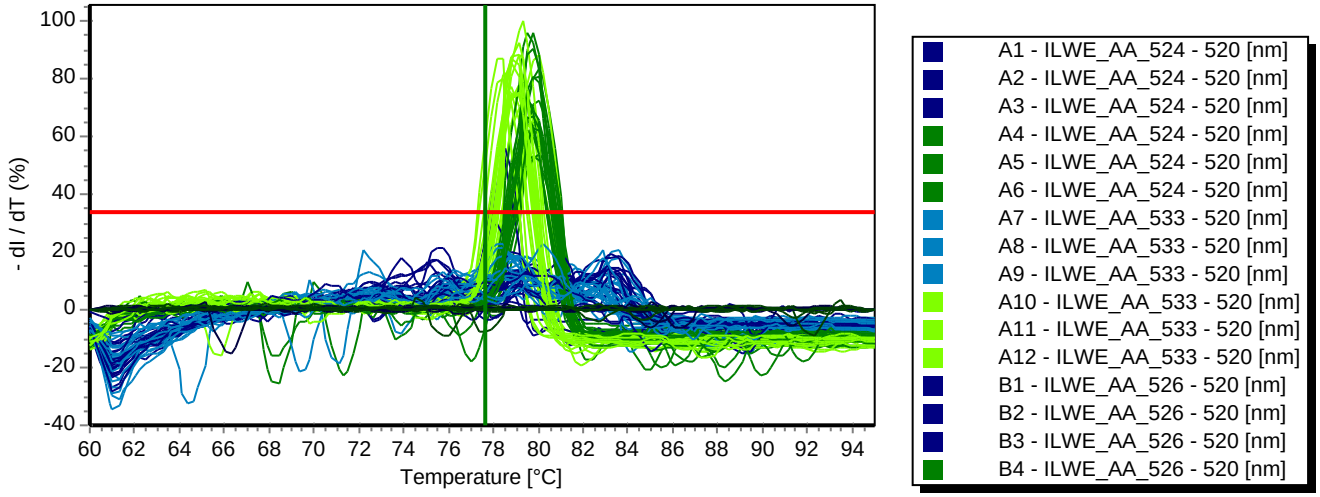
Melting Curve SYBR

Pos	Name	No. Tm SYBR	Tm x (°C) SYBR	Tm y (°C) SYBR	Mean SYBR	Dev. SYBR
A1	ILWE_AA_524	0				
A2	ILWE_AA_524	0				
A3	ILWE_AA_524	0				
A4	ILWE_AA_524	1	79.9			
A5	ILWE_AA_524	1	80.0			
A6	ILWE_AA_524	1	79.9			
A7	ILWE_AA_533	0				
A8	ILWE_AA_533	0				
A9	ILWE_AA_533	0				
A10	ILWE_AA_533	1	79.6			
A11	ILWE_AA_533	1	79.7			
A12	ILWE_AA_533	1	79.9			
B1	ILWE_AA_526	0				
B2	ILWE_AA_526	0				
B3	ILWE_AA_526	0				
B4	ILWE_AA_526	1	79.9			
B5	ILWE_AA_526	1	79.9			
B6	ILWE_AA_526	1	79.9			
B7	ILWE_AA_534	0				
B8	ILWE_AA_534	0				
B9	ILWE_AA_534	0				
B10	ILWE_AA_534	1	79.1			
B11	ILWE_AA_534	1	79.2			
B12	ILWE_AA_534	1	79.3			
C1	ILWE_AA_637	1	78.5			
C2	ILWE_AA_637	1	78.3			
C3	ILWE_AA_637	0				
C4	ILWE_AA_637	1	79.8			
C5	ILWE_AA_637	1	79.9			
C6	ILWE_AA_637	1	80.0			
C7	ILWE_AA_535	0				
C8	ILWE_AA_535	0				
C9	ILWE_AA_535	0				
C10	ILWE_AA_535	1	78.7			
C11	ILWE_AA_535	1	78.8			
C12	ILWE_AA_535	1	79.0			

Pos	Name	No. Tm SYBR	Tm x (°C) SYBR	Tm y (°C) SYBR	Mean SYBR	Dev. SYBR
D1	ILWE_AA_660	0				
D2	ILWE_AA_660	0				
D3	ILWE_AA_660	0				
D4	ILWE_AA_660	1	79.5			
D5	ILWE_AA_660	1	79.6			
D6	ILWE_AA_660	1	79.6			
D7	ILWE_AA_536	0				
D8	ILWE_AA_536	0				
D9	ILWE_AA_536	0				
D10	ILWE_AA_536	1	78.3			
D11	ILWE_AA_536	1	78.3			
D12	ILWE_AA_536	1	78.5			
E1	ILWE_AA_525	0				
E2	ILWE_AA_525	0				
E3	ILWE_AA_525	0				
E4	ILWE_AA_525	1	79.5			
E5	ILWE_AA_525	1	79.8			
E6	ILWE_AA_525	1	79.6			
E7	ILWE_AA_538	0				
E8	ILWE_AA_538	0				
E9	ILWE_AA_538	0				
E10	ILWE_AA_538	1	79.0			
E11	ILWE_AA_538	1	79.0			
E12	ILWE_AA_538	1	79.3			
F1	ILWE_AA_641	0				
F2	ILWE_AA_641	0				
F3	ILWE_AA_641	0				
F4	ILWE_AA_641	1	79.6			
F5	ILWE_AA_641	1	79.7			
F6	ILWE_AA_641	1	79.8			
F7	ILWE_AA_540	0				
F8	ILWE_AA_540	0				
F9	ILWE_AA_540	0				
F10	ILWE_AA_540	1	78.8			
F11	ILWE_AA_540	1	78.9			
F12	ILWE_AA_540	1	79.1			
G1	ILWE_AA_531	0				
G2	ILWE_AA_531	0				
G3	ILWE_AA_531	0				
G4	ILWE_AA_531	1	79.7			

Pos	Name	No. Tm SYBR	Tm x (°C) SYBR	Tm y (°C) SYBR	Mean SYBR	Dev. SYBR
G5	ILWE_AA_531	1	79.8			
G6	ILWE_AA_531	1	79.9			
G7	ILWE_AA_541	0				
G8	ILWE_AA_541	0				
G9	ILWE_AA_541	0				
G10	ILWE_AA_541	1	79.0			
G11	ILWE_AA_541	1	79.0			
G12	ILWE_AA_541	1	79.2			
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%