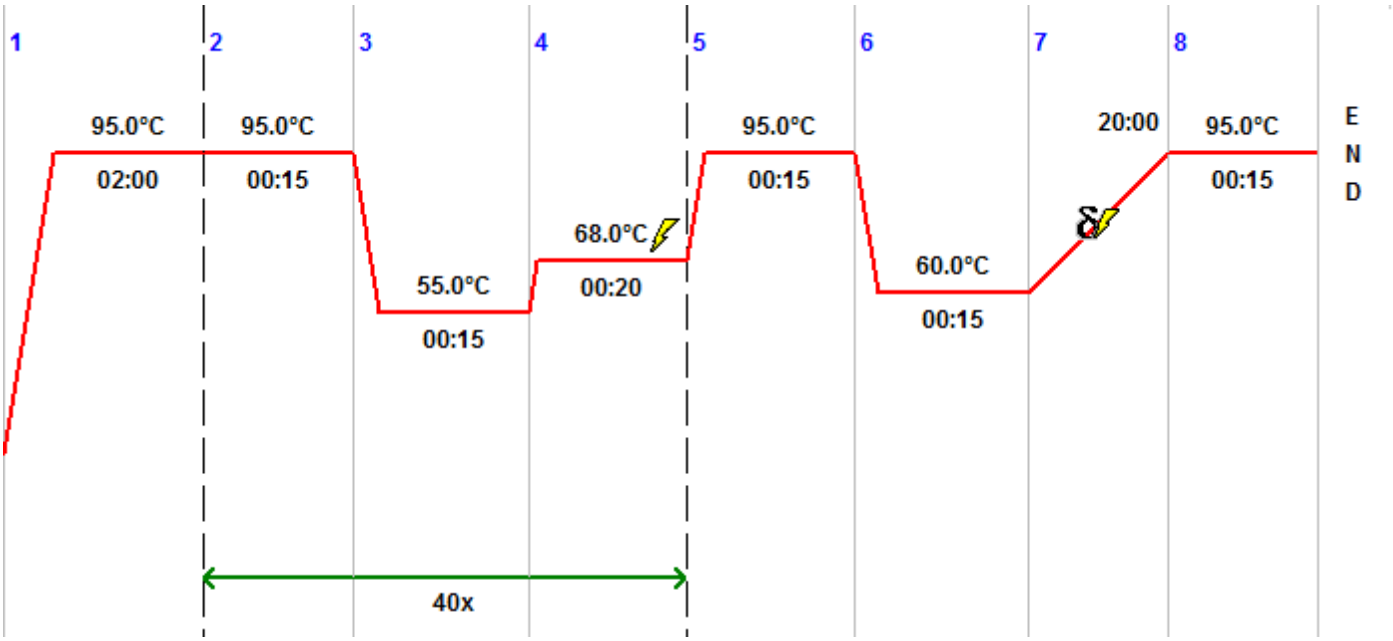
Document information

Software:	realplex 2.2	
File Name:	EPPENDORF\Lorenzo\QPCR17.04.2	
Printed by:	EPPENDORF	
Created:	Apr/17/2018 15:27	
Serial No. Thermo Module:	6325 30387	
Serial No. realplex Module.:	630011465	
Acquisition Start Time:	EPPENDORF	Apr/17/2018 15:32
Acquisition End Time:	EPPENDORF	Apr/17/2018 17:00
Last updated:	EPPENDORF	Apr/06/2018 12:28
Background:	Sarstedt-20µl	Sep/12/2011 10:28
Color Calibration:	SYBR	Mar/12/2018 15:31
QPCR17.04.2018	Quantification	Apr/17/2018 17:10
	Melting Curve	Apr/17/2018 17:13
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	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	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 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	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 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	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 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	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 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												
G												
H	NTC	NTC	NTC	NTC	NTC	NTC	water	water	water	water	water	water

PCR Program

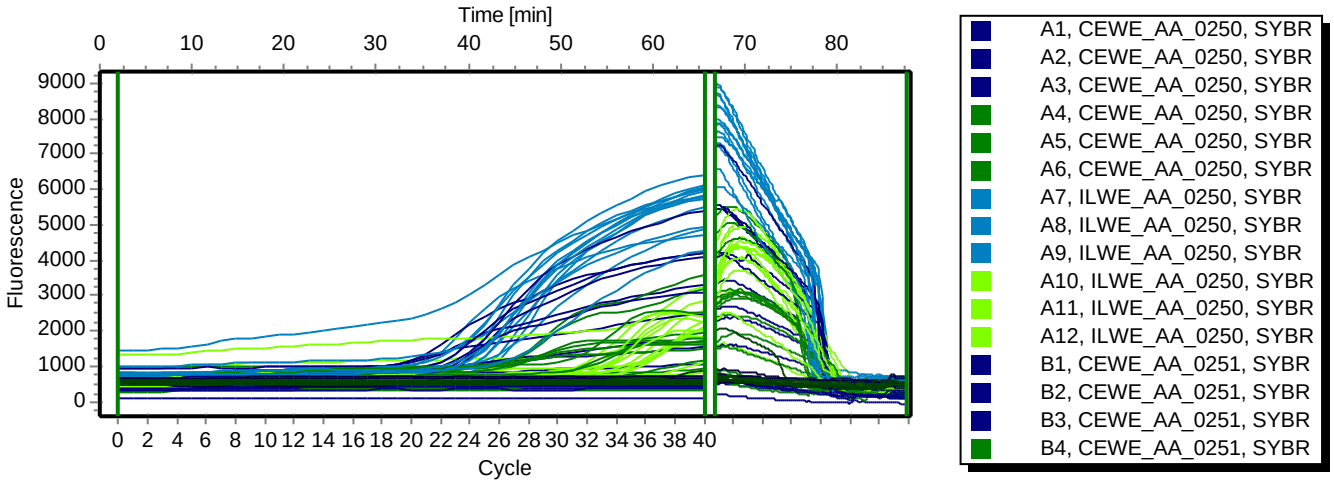


Program Header

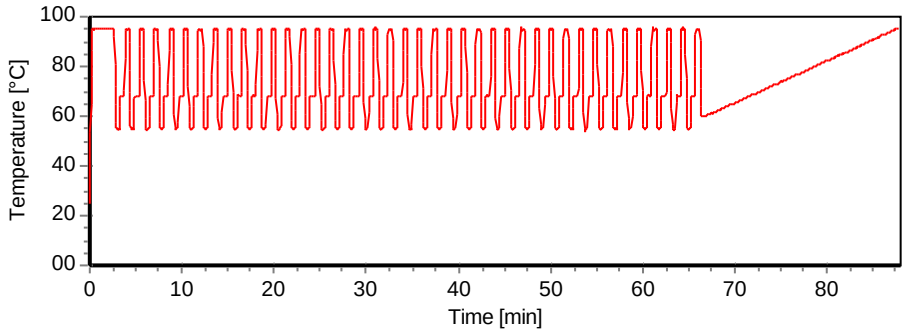
Lid Temp	105 °C	TSP Heated Lid	Yes
Temp. Mode	Standard	Switch off lid at low block temp	No
Impulse	No	Simulate Mastercycler gradient	No

Raw Data SYBR

Fluorescence Profile



Temperature Profile

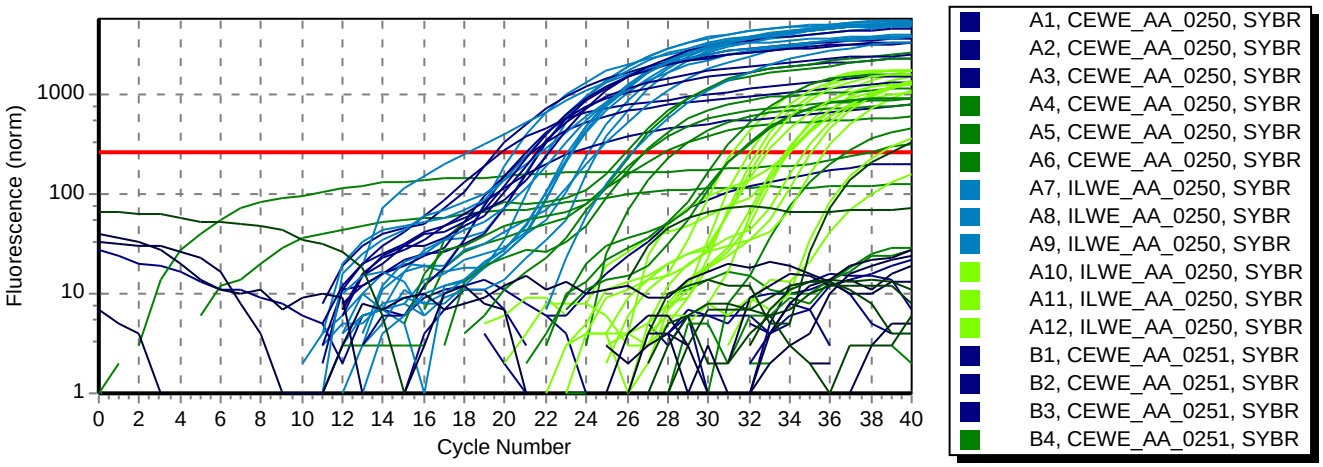


Quantification SYBR

Pos	Name	Ct SYBR	Ct Mean SYBR	Ct Dev. SYBR	Amount SYBR [Copies]	Amount Mean SYBR	Amount Dev. SYBR	Target SYBR
A1	CEWE_AA_0250				1.00			mouse
A2	CEWE_AA_0250				1.00			mouse
A3	CEWE_AA_0250				1.00			mouse
A4	CEWE_AA_0250				1.00			eimeria
A5	CEWE_AA_0250				1.00			eimeria
A6	CEWE_AA_0250				1.00			eimeria
A7	ILWE_AA_0250	24.56	23.95	0.69	1.00			mouse
A8	ILWE_AA_0250	24.09	23.95	0.69	1.00			mouse
A9	ILWE_AA_0250	23.20	23.95	0.69	1.00			mouse
A10	ILWE_AA_0250	33.93	33.97	0.06	1.00			eimeria
A11	ILWE_AA_0250	34.01	33.97	0.06	1.00			eimeria
A12	ILWE_AA_0250		33.97	0.06	1.00			eimeria
B1	CEWE_AA_0251				1.00			mouse
B2	CEWE_AA_0251				1.00			mouse
B3	CEWE_AA_0251				1.00			mouse
B4	CEWE_AA_0251		37.23	0.67	1.00			eimeria
B5	CEWE_AA_0251	37.70	37.23	0.67	1.00			eimeria
B6	CEWE_AA_0251	36.76	37.23	0.67	1.00			eimeria
B7	ILWE_AA_0251	22.03	21.36	0.85	1.00			mouse
B8	ILWE_AA_0251	20.40	21.36	0.85	1.00			mouse
B9	ILWE_AA_0251	21.64	21.36	0.85	1.00			mouse
B10	ILWE_AA_0251	31.22	32.48	1.32	1.00			eimeria
B11	ILWE_AA_0251	32.36	32.48	1.32	1.00			eimeria
B12	ILWE_AA_0251	33.86	32.48	1.32	1.00			eimeria
C1	CEWE_AA_0252	21.28	21.45	1.71	1.00			mouse
C2	CEWE_AA_0252	19.83	21.45	1.71	1.00			mouse
C3	CEWE_AA_0252	23.24	21.45	1.71	1.00			mouse
C4	CEWE_AA_0252	27.83	27.66	0.76	1.00			eimeria
C5	CEWE_AA_0252	28.32	27.66	0.76	1.00			eimeria
C6	CEWE_AA_0252	26.82	27.66	0.76	1.00			eimeria
C7	ILWE_AA_0252	24.54	23.70	0.73	1.00			mouse
C8	ILWE_AA_0252	23.30	23.70	0.73	1.00			mouse
C9	ILWE_AA_0252	23.25	23.70	0.73	1.00			mouse
C10	ILWE_AA_0252	34.73	34.73	0.97	1.00			eimeria
C11	ILWE_AA_0252	35.70	34.73	0.97	1.00			eimeria

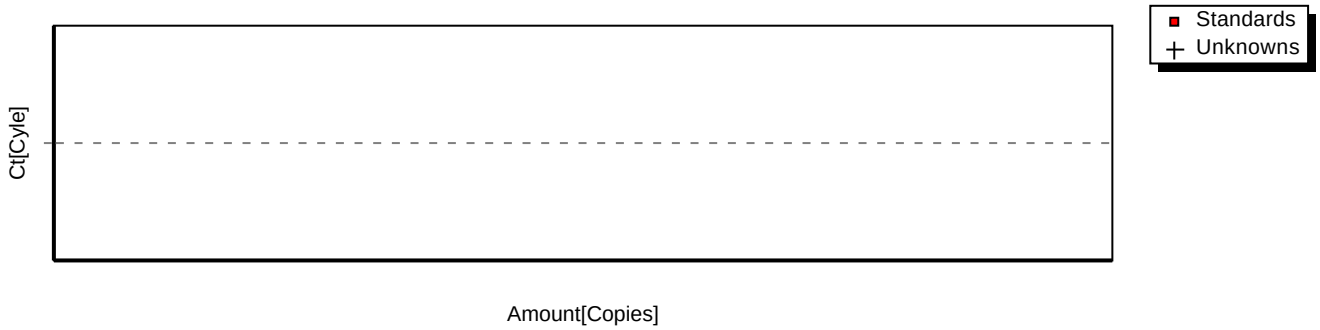
Pos	Name	Ct SYBR	Ct Mean SYBR	Ct Dev. SYBR	Amount SYBR [Copies]	Amount Mean SYBR	Amount Dev. SYBR	Target SYBR
C12	ILWE_AA_0252	33.76	34.73	0.97	1.00			eimeria
D1	CEWE_AA_0255	19.59	20.73	1.06	1.00			mouse
D2	CEWE_AA_0255	20.94	20.73	1.06	1.00			mouse
D3	CEWE_AA_0255	21.67	20.73	1.06	1.00			mouse
D4	CEWE_AA_0255	26.84	26.30	0.50	1.00			eimeria
D5	CEWE_AA_0255	25.86	26.30	0.50	1.00			eimeria
D6	CEWE_AA_0255	26.20	26.30	0.50	1.00			eimeria
D7	ILWE_AA_0255	21.17	20.34	1.94	1.00			mouse
D8	ILWE_AA_0255	18.12	20.34	1.94	1.00			mouse
D9	ILWE_AA_0255	21.72	20.34	1.94	1.00			mouse
D10	ILWE_AA_0255	31.97	33.65	1.56	1.00			eimeria
D11	ILWE_AA_0255	33.92	33.65	1.56	1.00			eimeria
D12	ILWE_AA_0255	35.05	33.65	1.56	1.00			eimeria
E1	CEWE_AA_0256	21.52	21.61	0.45	1.00			mouse
E2	CEWE_AA_0256	21.21	21.61	0.45	1.00			mouse
E3	CEWE_AA_0256	22.10	21.61	0.45	1.00			mouse
E4	CEWE_AA_0256	31.49	31.23	0.47	1.00			eimeria
E5	CEWE_AA_0256	31.51	31.23	0.47	1.00			eimeria
E6	CEWE_AA_0256	30.68	31.23	0.47	1.00			eimeria
E7	ILWE_AA_0256	22.54	23.94	1.97	1.00			mouse
E8	ILWE_AA_0256	26.19	23.94	1.97	1.00			mouse
E9	ILWE_AA_0256	23.08	23.94	1.97	1.00			mouse
E10	ILWE_AA_0256	32.62	34.65	3.31	1.00			eimeria
E11	ILWE_AA_0256	32.87	34.65	3.31	1.00			eimeria
E12	ILWE_AA_0256	38.47	34.65	3.31	1.00			eimeria
H1	NTC	-			-			mouse
H2	NTC	-			-			mouse
H3	NTC	-			-			mouse
H4	NTC	38.88			-			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	260 (Noiseband)
Baseline	automatic, Drift correction OFF

Standard curve



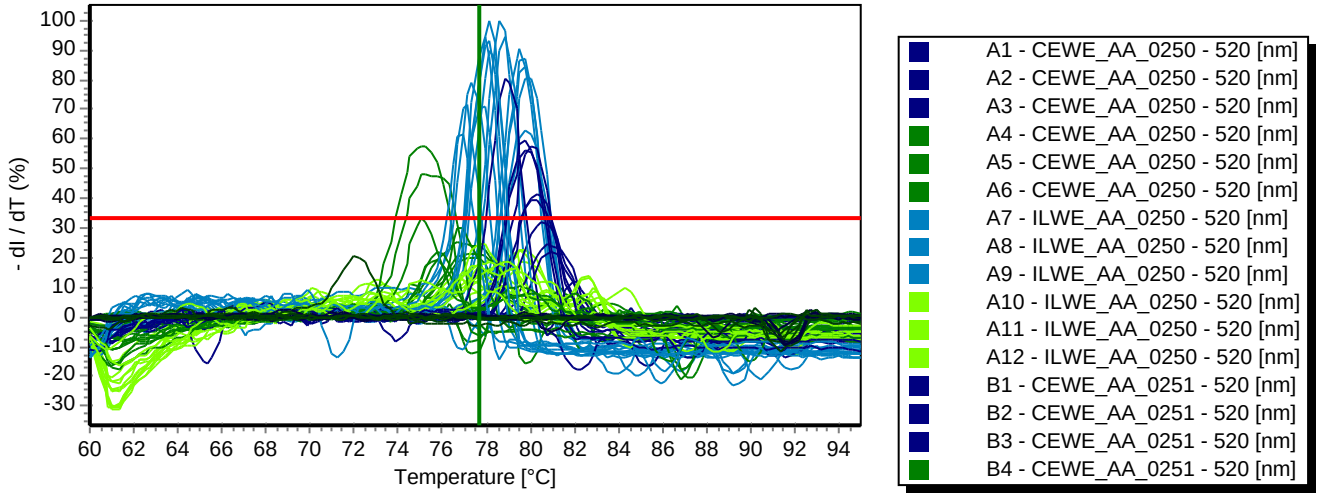
Slope	-	R^2	-
Y-Intercept	-	Efficiency	-

Melting Curve SYBR

Pos	Name	No. Tm SYBR	Tm x (°C) SYBR	Tm y (°C) SYBR	Mean SYBR	Dev. SYBR
A1	CEWE_AA_0250	0				
A2	CEWE_AA_0250	0				
A3	CEWE_AA_0250	0				
A4	CEWE_AA_0250	0				
A5	CEWE_AA_0250	0				
A6	CEWE_AA_0250	0				
A7	ILWE_AA_0250	1	79.6			
A8	ILWE_AA_0250	1	79.9			
A9	ILWE_AA_0250	1	79.7			
A10	ILWE_AA_0250	0				
A11	ILWE_AA_0250	0				
A12	ILWE_AA_0250	0				
B1	CEWE_AA_0251	0				
B2	CEWE_AA_0251	0				
B3	CEWE_AA_0251	0				
B4	CEWE_AA_0251	0				
B5	CEWE_AA_0251	0				
B6	CEWE_AA_0251	0				
B7	ILWE_AA_0251	1	79.5			
B8	ILWE_AA_0251	1	79.8			
B9	ILWE_AA_0251	1	78.7			
B10	ILWE_AA_0251	0				
B11	ILWE_AA_0251	0				
B12	ILWE_AA_0251	0				
C1	CEWE_AA_0252	0				
C2	CEWE_AA_0252	0				
C3	CEWE_AA_0252	0				
C4	CEWE_AA_0252	0				
C5	CEWE_AA_0252	0				
C6	CEWE_AA_0252	0				
C7	ILWE_AA_0252	1	77.8			
C8	ILWE_AA_0252	1	78.8			
C9	ILWE_AA_0252	1	78.2			
C10	ILWE_AA_0252	0				
C11	ILWE_AA_0252	0				
C12	ILWE_AA_0252	0				

Pos	Name	No. Tm SYBR	Tm x (°C) SYBR	Tm y (°C) SYBR	Mean SYBR	Dev. SYBR
D1	CEWE_AA_0255	1	80.1			
D2	CEWE_AA_0255	1	80.4			
D3	CEWE_AA_0255	1	79.7			
D4	CEWE_AA_0255	0				
D5	CEWE_AA_0255	1	75.2			
D6	CEWE_AA_0255	1	75.2			
D7	ILWE_AA_0255	1	78.1			
D8	ILWE_AA_0255	1	77.4			
D9	ILWE_AA_0255	1	77.1			
D10	ILWE_AA_0255	0				
D11	ILWE_AA_0255	0				
D12	ILWE_AA_0255	0				
E1	CEWE_AA_0256	1	80.2			
E2	CEWE_AA_0256	1	79.8			
E3	CEWE_AA_0256	1	78.9			
E4	CEWE_AA_0256	0				
E5	CEWE_AA_0256	0				
E6	CEWE_AA_0256	0				
E7	ILWE_AA_0256	1	77.9			
E8	ILWE_AA_0256	1	76.8			
E9	ILWE_AA_0256	1	78.1			
E10	ILWE_AA_0256	0				
E11	ILWE_AA_0256	0				
E12	ILWE_AA_0256	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%