

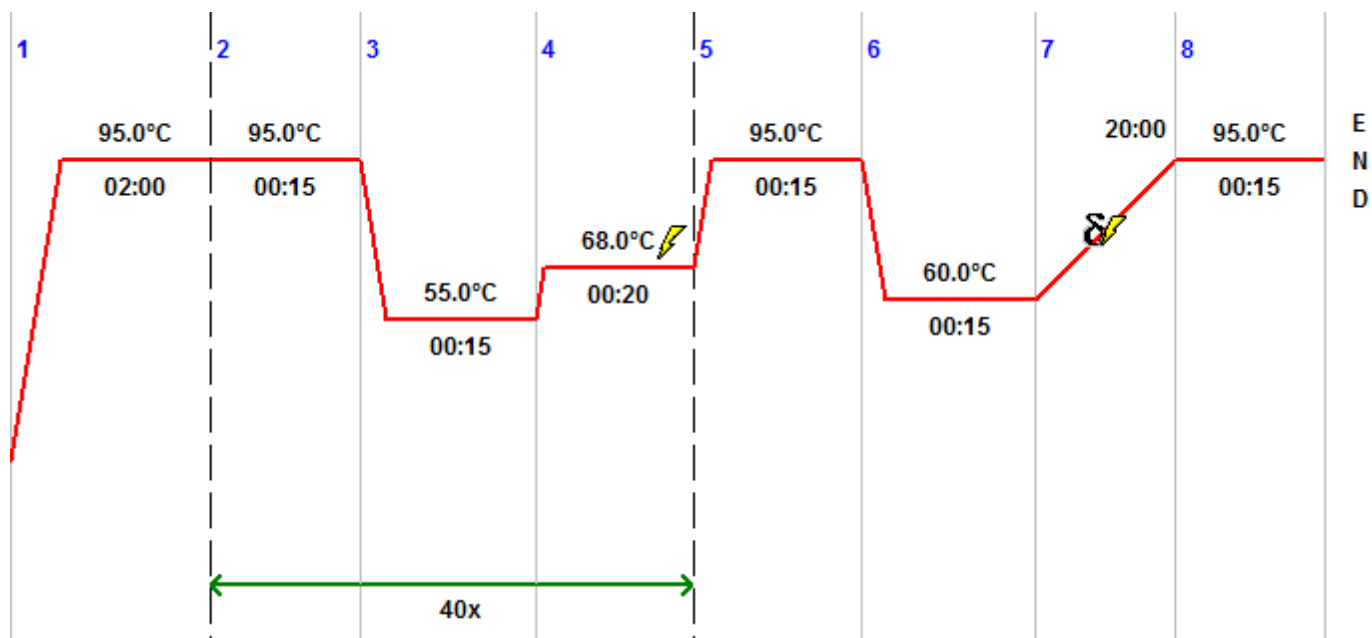
## Document information

Software:	realplex 2.2	
File Name:	EPPENDORF\Lorenzo\QPCR22.05.2	
Printed by:	EPPENDORF	
Created:	May/22/2018 12:03	
Serial No. Thermo Module:	6325 30387	
Serial No. realplex Module.:	630011465	
Acquisition Start Time:	EPPENDORF	May/22/2018 12:06
Acquisition End Time:	EPPENDORF	May/22/2018 13:34
Last updated:	EPPENDORF	Apr/06/2018 12:28
Background:	Sarstedt-20µl	Sep/12/2011 10:28
Color Calibration:	SYBR	Mar/12/2018 15:31
QPCR22.05.2018part2	Quantification	May/22/2018 13:44
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	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
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	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

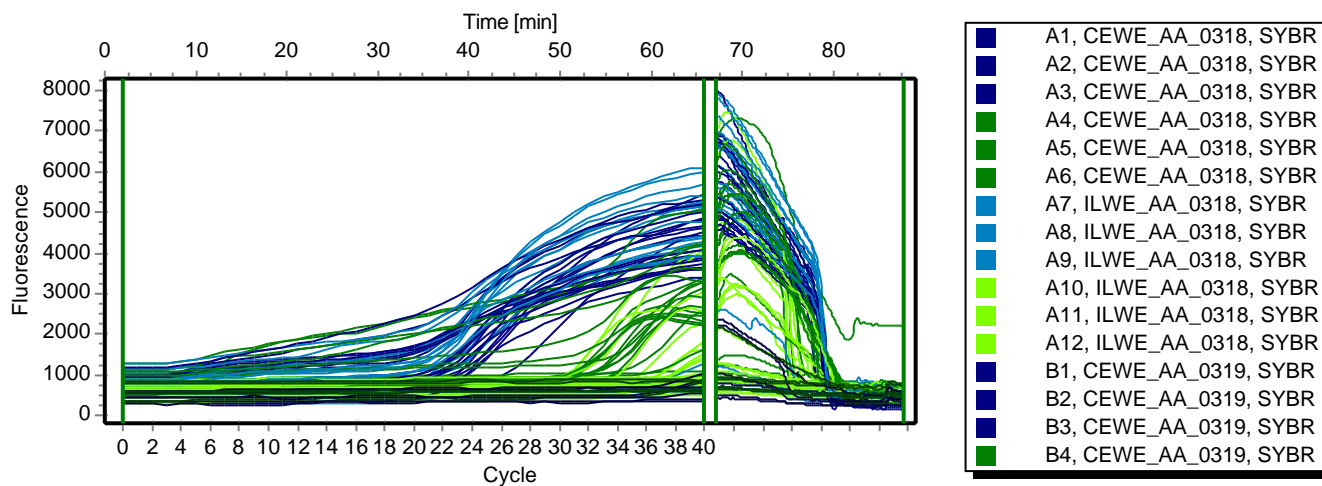


## Program Header

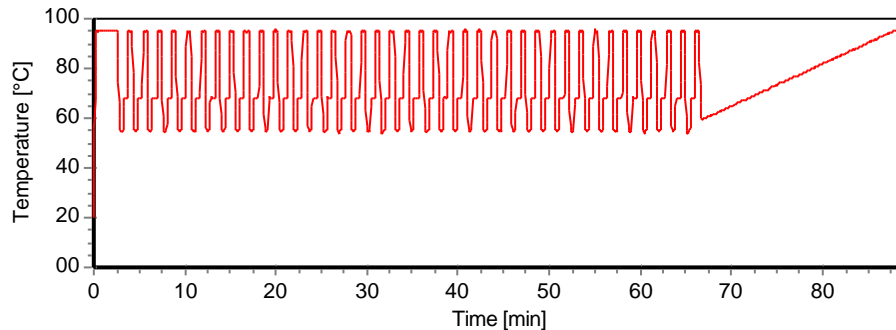
Lid Temp	105 °C	TSP Heated Lid	Yes
Temp. Mode	Standard	Switch off lid at low block temp	No
Impulse	No	Simulate Mastercycler gradient	No

## Raw Data SYBR




































### Fluorescence Profile







































































































### Temperature Profile



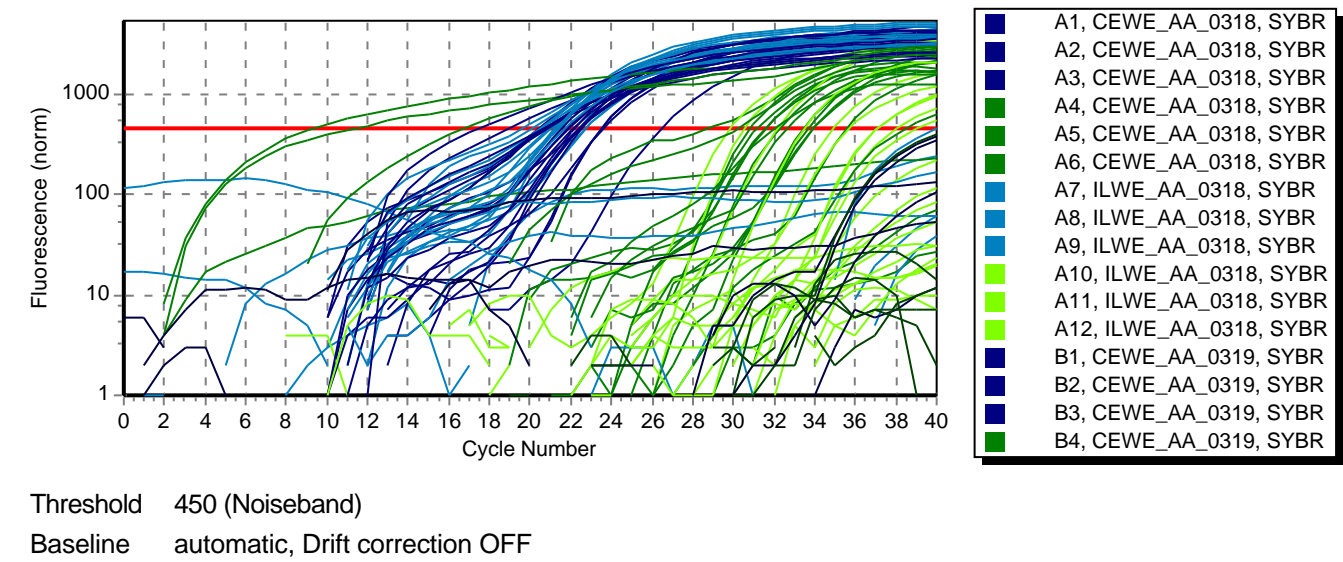
## Quantification SYBR

Pos	Name	Ct SYBR	Ct Mean SYBR	Ct Dev. SYBR	Amount SYBR [Copies]	Amount Mean SYBR	Amount Dev. SYBR	Target SYBR
 A1	CEWE_AA_0318	22.41	21.15	1.09	1.00			mouse
 A2	CEWE_AA_0318	20.57	21.15	1.09	1.00			mouse
 A3	CEWE_AA_0318	20.47	21.15	1.09	1.00			mouse
 A4	CEWE_AA_0318				1.00			eimeria
 A5	CEWE_AA_0318				1.00			eimeria
 A6	CEWE_AA_0318	33.48			1.00			eimeria
 A7	ILWE_AA_0318	21.17	21.32	0.15	1.00			mouse
 A8	ILWE_AA_0318	21.46	21.32	0.15	1.00			mouse
 A9	ILWE_AA_0318	21.34	21.32	0.15	1.00			mouse
 A10	ILWE_AA_0318				1.00			eimeria
 A11	ILWE_AA_0318				1.00			eimeria
 A12	ILWE_AA_0318	34.94			1.00			eimeria
 B1	CEWE_AA_0319	26.47	24.52	1.69	1.00			mouse
 B2	CEWE_AA_0319	23.54	24.52	1.69	1.00			mouse
 B3	CEWE_AA_0319	23.54	24.52	1.69	1.00			mouse
 B4	CEWE_AA_0319	33.94	32.34	1.55	1.00			eimeria
 B5	CEWE_AA_0319	32.24	32.34	1.55	1.00			eimeria
 B6	CEWE_AA_0319	30.85	32.34	1.55	1.00			eimeria
 B7	ILWE_AA_0319				1.00			mouse
 B8	ILWE_AA_0319				1.00			mouse
 B9	ILWE_AA_0319				1.00			mouse
 B10	ILWE_AA_0319				1.00			eimeria
 B11	ILWE_AA_0319				1.00			eimeria
 B12	ILWE_AA_0319				1.00			eimeria
 C1	CEWE_AA_0320	23.62	22.34	1.12	1.00			mouse
 C2	CEWE_AA_0320	21.56	22.34	1.12	1.00			mouse
 C3	CEWE_AA_0320	21.85	22.34	1.12	1.00			mouse
 C4	CEWE_AA_0320		33.63	2.81	1.00			eimeria
 C5	CEWE_AA_0320	35.61	33.63	2.81	1.00			eimeria
 C6	CEWE_AA_0320	31.64	33.63	2.81	1.00			eimeria
 C7	ILWE_AA_0324	22.42	22.64	0.19	1.00			mouse
 C8	ILWE_AA_0324	22.77	22.64	0.19	1.00			mouse
 C9	ILWE_AA_0324	22.72	22.64	0.19	1.00			mouse
 C10	ILWE_AA_0324	37.15	36.99	1.17	1.00			eimeria
 C11	ILWE_AA_0324	38.07	36.99	1.17	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_0324	35.74	36.99	1.17	1.00			eimeria
  D1	CEWE_AA_0321	22.52	22.48	0.05	1.00			mouse
  D2	CEWE_AA_0321	22.51	22.48	0.05	1.00			mouse
  D3	CEWE_AA_0321	22.42	22.48	0.05	1.00			mouse
  D4	CEWE_AA_0321	33.67	31.21	2.47	1.00			eimeria
  D5	CEWE_AA_0321	28.74	31.21	2.47	1.00			eimeria
  D6	CEWE_AA_0321	31.22	31.21	2.47	1.00			eimeria
  D7	ILWE_AA_0321	20.51	20.83	0.28	1.00			mouse
  D8	ILWE_AA_0321	20.93	20.83	0.28	1.00			mouse
  D9	ILWE_AA_0321	21.04	20.83	0.28	1.00			mouse
  D10	ILWE_AA_0321	32.15	30.88	1.16	1.00			eimeria
  D11	ILWE_AA_0321	30.63	30.88	1.16	1.00			eimeria
  D12	ILWE_AA_0321	29.87	30.88	1.16	1.00			eimeria
  E1	CEWE_AA_0322	22.17	22.01	0.19	1.00			mouse
  E2	CEWE_AA_0322	21.79	22.01	0.19	1.00			mouse
  E3	CEWE_AA_0322	22.06	22.01	0.19	1.00			mouse
  E4	CEWE_AA_0322	38.48	34.67	3.50	1.00			eimeria
  E5	CEWE_AA_0322	33.96	34.67	3.50	1.00			eimeria
  E6	CEWE_AA_0322	31.58	34.67	3.50	1.00			eimeria
  E7	ILWE_AA_0326				1.00			mouse
  E8	ILWE_AA_0326				1.00			mouse
  E9	ILWE_AA_0326				1.00			mouse
  E10	ILWE_AA_0326				1.00			eimeria
  E11	ILWE_AA_0326				1.00			eimeria
  E12	ILWE_AA_0326				1.00			eimeria
  F1	CEWE_AA_0323	19.05	20.20	1.00	1.00			mouse
  F2	CEWE_AA_0323	20.70	20.20	1.00	1.00			mouse
  F3	CEWE_AA_0323	20.86	20.20	1.00	1.00			mouse
  F4	CEWE_AA_0323	9.46	17.59	12.49	1.00			eimeria
  F5	CEWE_AA_0323	11.33	17.59	12.49	1.00			eimeria
  F6	CEWE_AA_0323	31.97	17.59	12.49	1.00			eimeria
  F7	ILWE_AA_0323	20.09	20.10	0.40	1.00			mouse
  F8	ILWE_AA_0323	19.70	20.10	0.40	1.00			mouse
  F9	ILWE_AA_0323	20.51	20.10	0.40	1.00			mouse
  F10	ILWE_AA_0323		38.03	1.35	1.00			eimeria
  F11	ILWE_AA_0323	38.98	38.03	1.35	1.00			eimeria
  F12	ILWE_AA_0323	37.07	38.03	1.35	1.00			eimeria
  G1	CEWE_AA_0325	17.47	19.61	1.86	1.00			mouse
  G2	CEWE_AA_0325	20.75	19.61	1.86	1.00			mouse

Pos	Name	Ct SYBR	Ct Mean SYBR	Ct Dev. SYBR	Amount SYBR [Copies]	Amount Mean SYBR	Amount Dev. SYBR	Target SYBR
 G3	CEWE_AA_0325	20.62	19.61	1.86	1.00			mouse
 G4	CEWE_AA_0325	16.72	26.52	8.58	1.00			eimeria
 G5	CEWE_AA_0325	30.22	26.52	8.58	1.00			eimeria
 G6	CEWE_AA_0325	32.63	26.52	8.58	1.00			eimeria
 G7	ILWE_AA_0325	21.30	21.42	0.20	1.00			mouse
 G8	ILWE_AA_0325	21.31	21.42	0.20	1.00			mouse
 G9	ILWE_AA_0325	21.66	21.42	0.20	1.00			mouse
 G10	ILWE_AA_0325				1.00			eimeria
 G11	ILWE_AA_0325				1.00			eimeria
 G12	ILWE_AA_0325	33.50			1.00			eimeria
 H1	NTC	-			-			mouse
 H2	NTC	-			-			mouse
 H3	NTC	-			-			mouse
 H4	NTC	-			-			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



Standard curve

