

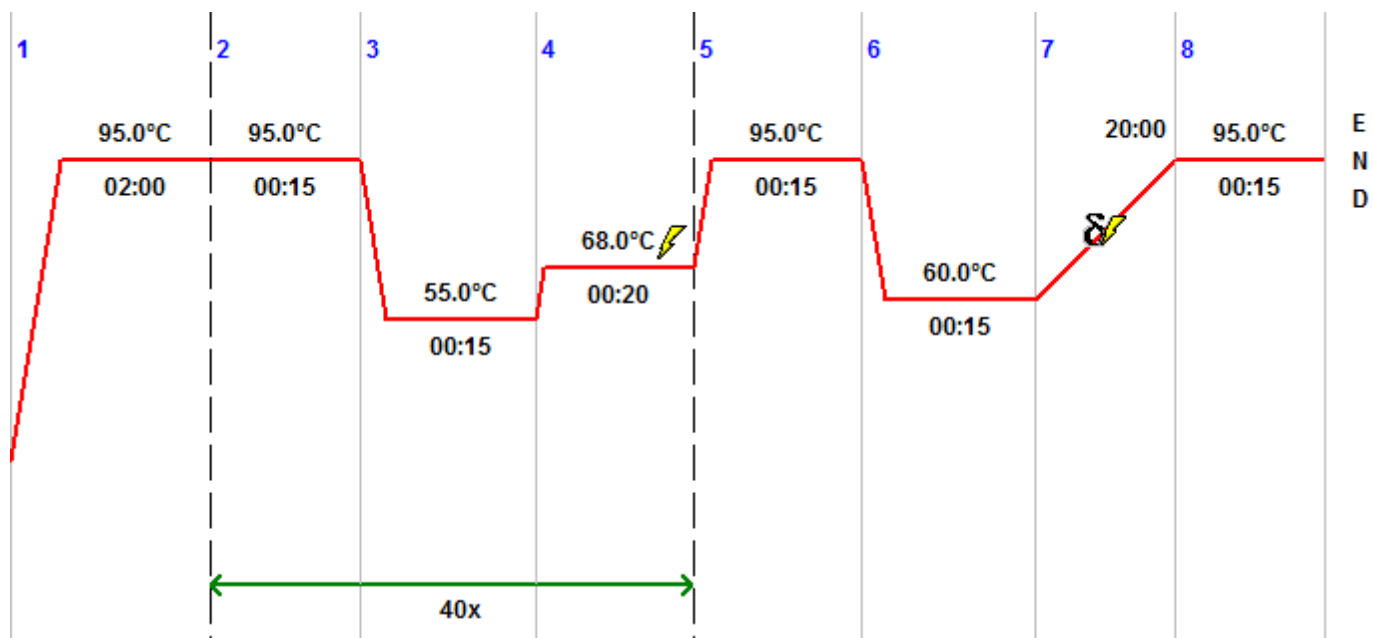
## Document information

Software:	realplex 2.2	
File Name:	EPPENDORF\Lorenzo\QPCR08.06.2	
Printed by:	EPPENDORF	
Created:	Jun/08/2018 11:34	
Serial No. Thermo Module:	6325 30387	
Serial No. realplex Module.:	630011465	
Acquisition Start Time:	EPPENDORF	Jun/08/2018 11:36
Acquisition End Time:	EPPENDORF	Jun/08/2018 13:04
Last updated:	EPPENDORF	Apr/06/2018 12:28
Background:	Sarstedt-20µl	Sep/12/2011 10:28
Color Calibration:	SYBR	Mar/12/2018 15:31
QPCR08.06.2018part2	Quantification	Jun/08/2018 13:04
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

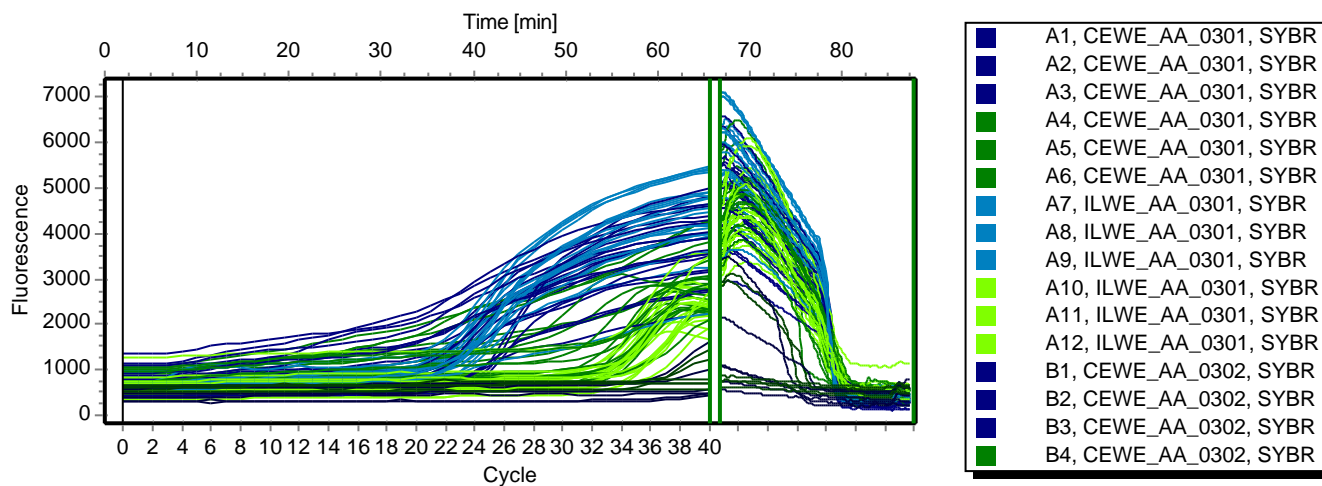


## Program Header

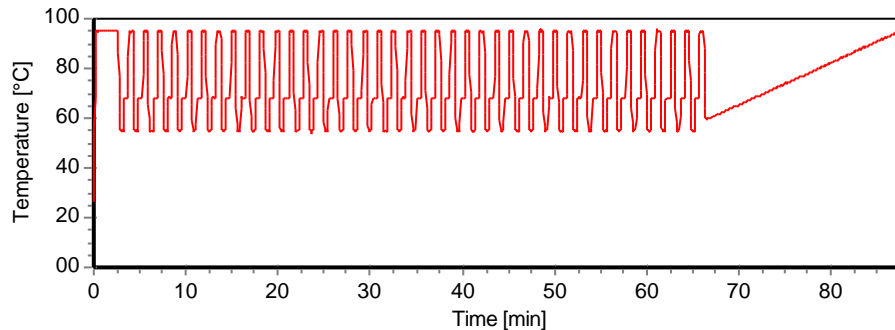
Lid Temp	105 °C	TSP Heated Lid	Yes
Temp. Mode	Standard	Switch off lid at low block temp	No
Impulse	No	Simulate Mastercycler gradient	No

## Raw Data SYBR







































































### Fluorescence Profile







































































































### Temperature Profile



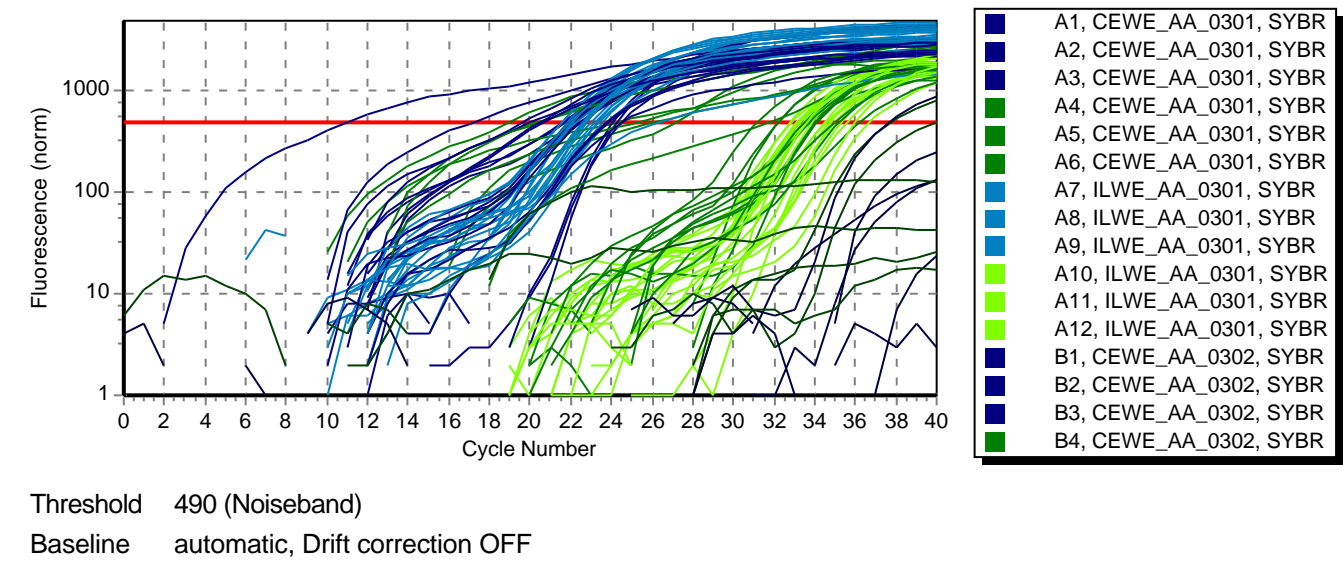
## Quantification SYBR

Pos	Name	Ct SYBR	Ct Mean SYBR	Ct Dev. SYBR	Amount SYBR [Copies]	Amount Mean SYBR	Amount Dev. SYBR	Target SYBR
  A1	CEWE_AA_0301	21.70	21.81	0.31	1.00			mouse
  A2	CEWE_AA_0301	21.57	21.81	0.31	1.00			mouse
  A3	CEWE_AA_0301	22.16	21.81	0.31	1.00			mouse
  A4	CEWE_AA_0301	20.27	21.78	3.83	1.00			eimeria
  A5	CEWE_AA_0301	18.93	21.78	3.83	1.00			eimeria
  A6	CEWE_AA_0301	26.14	21.78	3.83	1.00			eimeria
  A7	ILWE_AA_0301	22.71	22.79	0.14	1.00			mouse
  A8	ILWE_AA_0301	22.70	22.79	0.14	1.00			mouse
  A9	ILWE_AA_0301	22.96	22.79	0.14	1.00			mouse
  A10	ILWE_AA_0301	34.48	34.27	0.49	1.00			eimeria
  A11	ILWE_AA_0301	34.61	34.27	0.49	1.00			eimeria
  A12	ILWE_AA_0301	33.71	34.27	0.49	1.00			eimeria
  B1	CEWE_AA_0302	21.98	22.20	0.23	1.00			mouse
  B2	CEWE_AA_0302	22.16	22.20	0.23	1.00			mouse
  B3	CEWE_AA_0302	22.45	22.20	0.23	1.00			mouse
  B4	CEWE_AA_0302	24.25	28.37	4.85	1.00			eimeria
  B5	CEWE_AA_0302	27.15	28.37	4.85	1.00			eimeria
  B6	CEWE_AA_0302	33.73	28.37	4.85	1.00			eimeria
  B7	ILWE_AA_0302	21.97	21.95	0.11	1.00			mouse
  B8	ILWE_AA_0302	22.05	21.95	0.11	1.00			mouse
  B9	ILWE_AA_0302	21.83	21.95	0.11	1.00			mouse
  B10	ILWE_AA_0302	32.76	33.13	0.36	1.00			eimeria
  B11	ILWE_AA_0302	33.15	33.13	0.36	1.00			eimeria
  B12	ILWE_AA_0302	33.48	33.13	0.36	1.00			eimeria
  C1	CEWE_AA_0310	24.28	24.31	0.23	1.00			mouse
  C2	CEWE_AA_0310	24.10	24.31	0.23	1.00			mouse
  C3	CEWE_AA_0310	24.55	24.31	0.23	1.00			mouse
  C4	CEWE_AA_0310	34.06	33.17	0.94	1.00			eimeria
  C5	CEWE_AA_0310	33.26	33.17	0.94	1.00			eimeria
  C6	CEWE_AA_0310	32.19	33.17	0.94	1.00			eimeria
  C7	ILWE_AA_0310	21.84	22.02	0.24	1.00			mouse
  C8	ILWE_AA_0310	21.92	22.02	0.24	1.00			mouse
  C9	ILWE_AA_0310	22.29	22.02	0.24	1.00			mouse
  C10	ILWE_AA_0310	33.11	33.05	0.18	1.00			eimeria
  C11	ILWE_AA_0310	33.20	33.05	0.18	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_0310	32.85	33.05	0.18	1.00			eimeria
  D1	CEWE_AA_0368	10.97	16.04	4.63	1.00			mouse
  D2	CEWE_AA_0368	17.14	16.04	4.63	1.00			mouse
  D3	CEWE_AA_0368	20.02	16.04	4.63	1.00			mouse
  D4	CEWE_AA_0368	20.44	25.83	5.72	1.00			eimeria
  D5	CEWE_AA_0368	25.21	25.83	5.72	1.00			eimeria
  D6	CEWE_AA_0368	31.84	25.83	5.72	1.00			eimeria
  D7	ILWE_AA_0368	23.32	23.57	0.25	1.00			mouse
  D8	ILWE_AA_0368	23.58	23.57	0.25	1.00			mouse
  D9	ILWE_AA_0368	23.82	23.57	0.25	1.00			mouse
  D10	ILWE_AA_0368	35.31	35.60	1.02	1.00			eimeria
  D11	ILWE_AA_0368	36.74	35.60	1.02	1.00			eimeria
  D12	ILWE_AA_0368	34.75	35.60	1.02	1.00			eimeria
  E1	CEWE_AA_0369	21.93	22.12	0.33	1.00			mouse
  E2	CEWE_AA_0369	21.94	22.12	0.33	1.00			mouse
  E3	CEWE_AA_0369	22.50	22.12	0.33	1.00			mouse
  E4	CEWE_AA_0369	34.02	33.43	1.11	1.00			eimeria
  E5	CEWE_AA_0369	34.13	33.43	1.11	1.00			eimeria
  E6	CEWE_AA_0369	32.15	33.43	1.11	1.00			eimeria
  E7	ILWE_AA_0369	21.53	21.68	0.23	1.00			mouse
  E8	ILWE_AA_0369	21.57	21.68	0.23	1.00			mouse
  E9	ILWE_AA_0369	21.95	21.68	0.23	1.00			mouse
  E10	ILWE_AA_0369	33.46	33.47	0.20	1.00			eimeria
  E11	ILWE_AA_0369	33.68	33.47	0.20	1.00			eimeria
  E12	ILWE_AA_0369	33.28	33.47	0.20	1.00			eimeria
  F1	CEWE_AA_0377	23.74	24.06	0.46	1.00			mouse
  F2	CEWE_AA_0377	23.85	24.06	0.46	1.00			mouse
  F3	CEWE_AA_0377	24.59	24.06	0.46	1.00			mouse
  F4	CEWE_AA_0377	36.18	34.98	1.34	1.00			eimeria
  F5	CEWE_AA_0377	35.22	34.98	1.34	1.00			eimeria
  F6	CEWE_AA_0377	33.53	34.98	1.34	1.00			eimeria
  F7	ILWE_AA_0377	26.34	24.30	1.77	1.00			mouse
  F8	ILWE_AA_0377	23.38	24.30	1.77	1.00			mouse
  F9	ILWE_AA_0377	23.18	24.30	1.77	1.00			mouse
  F10	ILWE_AA_0377	34.84	34.55	0.61	1.00			eimeria
  F11	ILWE_AA_0377	33.85	34.55	0.61	1.00			eimeria
  F12	ILWE_AA_0377	34.97	34.55	0.61	1.00			eimeria
  G1	CEWE_AA_0378	20.46	20.30	0.53	1.00			mouse
  G2	CEWE_AA_0378	19.71	20.30	0.53	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_0378	20.73	20.30	0.53	1.00			mouse
 G4	CEWE_AA_0378	34.95	33.31	1.90	1.00			eimeria
 G5	CEWE_AA_0378	33.75	33.31	1.90	1.00			eimeria
 G6	CEWE_AA_0378	31.23	33.31	1.90	1.00			eimeria
 G7	ILWE_AA_0378	22.59	22.65	0.11	1.00			mouse
 G8	ILWE_AA_0378	22.78	22.65	0.11	1.00			mouse
 G9	ILWE_AA_0378	22.59	22.65	0.11	1.00			mouse
 G10	ILWE_AA_0378	35.98	35.07	1.29	1.00			eimeria
 G11	ILWE_AA_0378	35.64	35.07	1.29	1.00			eimeria
 G12	ILWE_AA_0378	33.59	35.07	1.29	1.00			eimeria
 H1	NTC	-			-			mouse
 H2	NTC	-			-			mouse
 H3	NTC	-			-			mouse
 H4	NTC	39.93	38.83	1.55	-			eimeria
 H5	NTC	-	38.83	1.55	-			eimeria
 H6	NTC	37.73	38.83	1.55	-			eimeria
 H7	water	-			-			mouse
 H8	water	37.66			-			mouse
 H9	water	-			-			mouse
 H10	water	-			-			eimeria
 H11	water	-			-			eimeria
 H12	water	-			-			eimeria

Amplification Plot



Standard curve

