

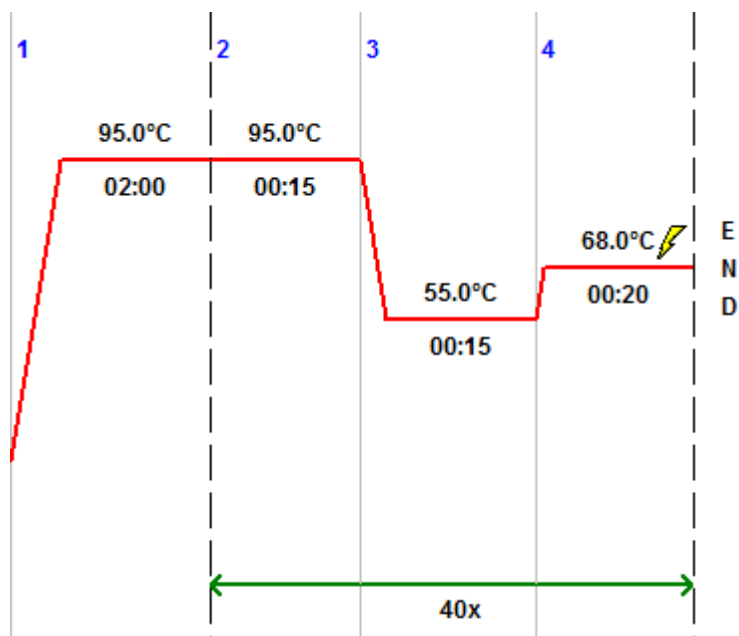
## Document information

Software:	realplex 2.2	
File Name:	EPPENDORF\Lorenzo\QPCR04.04.2	
Printed by:	EPPENDORF	
Created:	Apr/04/2018 12:19	
Serial No. Thermo Module:	6325 30387	
Serial No. realplex Module.:	630011465	
Acquisition Start Time:	EPPENDORF	Apr/04/2018 12:24
Acquisition End Time:	EPPENDORF	Apr/04/2018 13:30
Last updated:	EPPENDORF	Apr/03/2018 12:50
Background:	Sarstedt-20µl	Sep/12/2011 10:28
Color Calibration:	SYBR	Mar/12/2018 15:31
QPCR04.04.2018	Quantification	Apr/04/2018 13:30
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

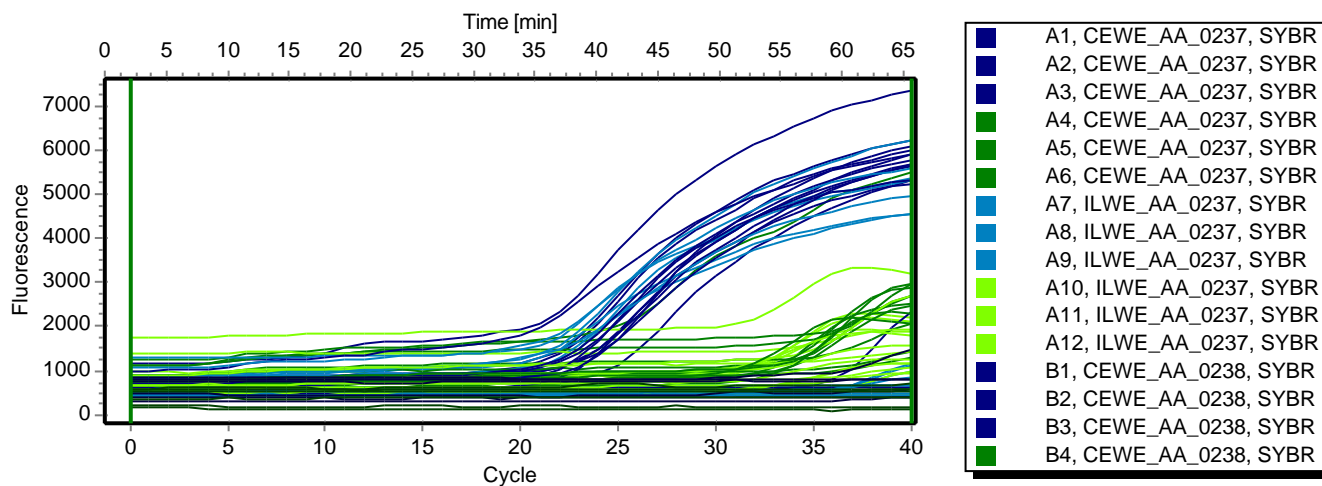


## Program Header

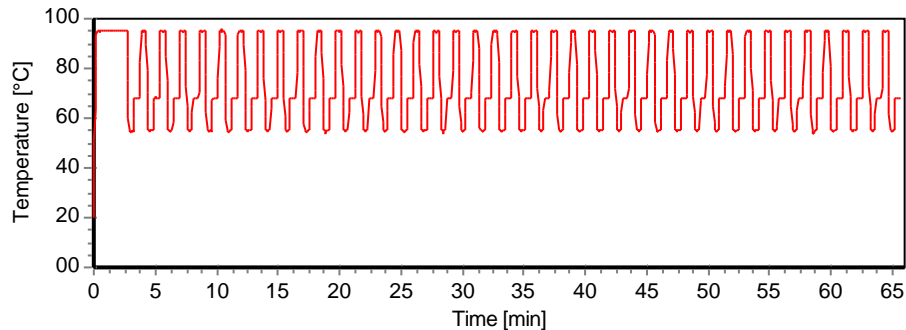
Lid Temp	105 °C	TSP Heated Lid	Yes
Temp. Mode	Standard	Switch off lid at low block temp	No
Impulse	No	Simulate Mastercycler gradient	No

## Raw Data SYBR







































































### Fluorescence Profile



### Temperature Profile

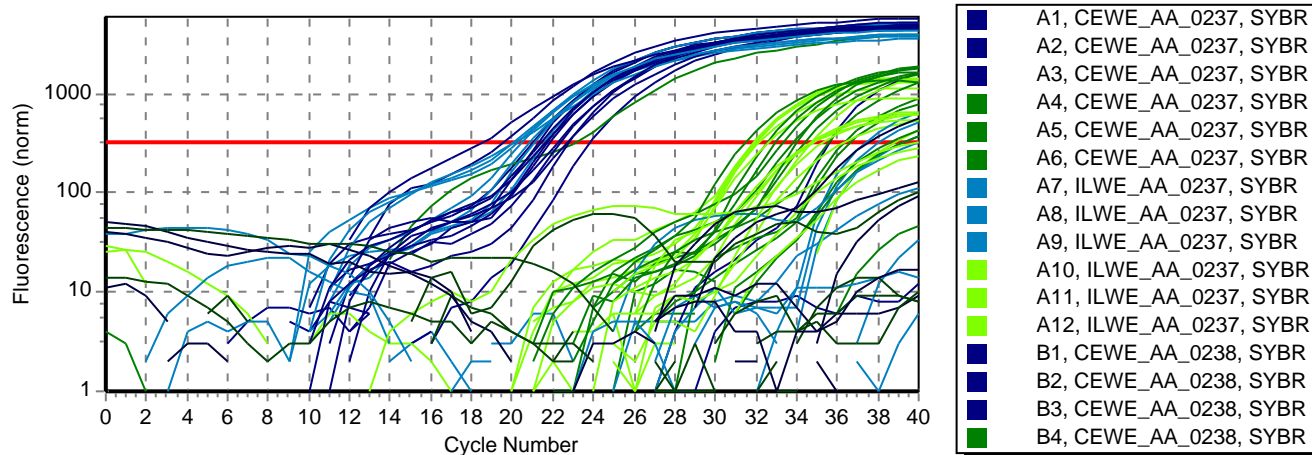


## Quantification SYBR

Pos	Name	Ct SYBR	Ct Mean SYBR	Ct Dev. SYBR	Amount SYBR [Copies]	Amount Mean SYBR	Amount Dev. SYBR	Target SYBR
  A1	CEWE_AA_0237	23.86	21.50	2.16	1.00			mouse
  A2	CEWE_AA_0237	21.00	21.50	2.16	1.00			mouse
  A3	CEWE_AA_0237	19.64	21.50	2.16	1.00			mouse
  A4	CEWE_AA_0237				1.00			eimeria
  A5	CEWE_AA_0237	23.17			1.00			eimeria
  A6	CEWE_AA_0237				1.00			eimeria
  A7	ILWE_AA_0237	21.59	30.36	12.41	1.00			mouse
  A8	ILWE_AA_0237		30.36	12.41	1.00			mouse
  A9	ILWE_AA_0237	39.13	30.36	12.41	1.00			mouse
  A10	ILWE_AA_0237	31.95	32.03	0.09	1.00			eimeria
  A11	ILWE_AA_0237	32.13	32.03	0.09	1.00			eimeria
  A12	ILWE_AA_0237	32.02	32.03	0.09	1.00			eimeria
  B1	CEWE_AA_0238	35.62	26.43	7.98	1.00			mouse
  B2	CEWE_AA_0238	21.27	26.43	7.98	1.00			mouse
  B3	CEWE_AA_0238	22.39	26.43	7.98	1.00			mouse
  B4	CEWE_AA_0238	35.64	36.26	0.55	1.00			eimeria
  B5	CEWE_AA_0238	36.43	36.26	0.55	1.00			eimeria
  B6	CEWE_AA_0238	36.70	36.26	0.55	1.00			eimeria
  B7	ILWE_AA_0238	20.50	20.78	0.27	1.00			mouse
  B8	ILWE_AA_0238	20.82	20.78	0.27	1.00			mouse
  B9	ILWE_AA_0238	21.04	20.78	0.27	1.00			mouse
  B10	ILWE_AA_0238	31.86	35.67	3.51	1.00			eimeria
  B11	ILWE_AA_0238	36.38	35.67	3.51	1.00			eimeria
  B12	ILWE_AA_0238	38.78	35.67	3.51	1.00			eimeria
  C1	CEWE_AA_0239	22.22	22.48	0.37	1.00			mouse
  C2	CEWE_AA_0239	22.74	22.48	0.37	1.00			mouse
  C3	CEWE_AA_0239		22.48	0.37	1.00			mouse
  C4	CEWE_AA_0239	33.80	33.58	0.95	1.00			eimeria
  C5	CEWE_AA_0239	34.40	33.58	0.95	1.00			eimeria
  C6	CEWE_AA_0239	32.55	33.58	0.95	1.00			eimeria
  C7	ILWE_AA_0239	37.43	31.91	10.07	1.00			mouse
  C8	ILWE_AA_0239	38.01	31.91	10.07	1.00			mouse
  C9	ILWE_AA_0239	20.29	31.91	10.07	1.00			mouse
  C10	ILWE_AA_0239	34.73	34.76	0.11	1.00			eimeria
  C11	ILWE_AA_0239	34.87	34.76	0.11	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_0239	34.66	34.76	0.11	1.00			eimeria
D1	CEWE_AA_0240	21.69	21.72	0.11	1.00			mouse
D2	CEWE_AA_0240	21.63	21.72	0.11	1.00			mouse
D3	CEWE_AA_0240	21.84	21.72	0.11	1.00			mouse
D4	CEWE_AA_0240	33.36	37.08	3.24	1.00			eimeria
D5	CEWE_AA_0240	39.29	37.08	3.24	1.00			eimeria
D6	CEWE_AA_0240	38.58	37.08	3.24	1.00			eimeria
D7	ILWE_AA_0240				1.00			mouse
D8	ILWE_AA_0240	20.18			1.00			mouse
D9	ILWE_AA_0240				1.00			mouse
D10	ILWE_AA_0240	32.61	33.99	1.95	1.00			eimeria
D11	ILWE_AA_0240		33.99	1.95	1.00			eimeria
D12	ILWE_AA_0240	35.37	33.99	1.95	1.00			eimeria
E1	CEWE_AA_0241	18.58	20.92	2.14	1.00			mouse
E2	CEWE_AA_0241	22.79	20.92	2.14	1.00			mouse
E3	CEWE_AA_0241	21.39	20.92	2.14	1.00			mouse
E4	CEWE_AA_0241	31.49	32.80	1.24	1.00			eimeria
E5	CEWE_AA_0241	32.94	32.80	1.24	1.00			eimeria
E6	CEWE_AA_0241	33.97	32.80	1.24	1.00			eimeria
E7	ILWE_AA_0241				1.00			mouse
E8	ILWE_AA_0241	20.10			1.00			mouse
E9	ILWE_AA_0241				1.00			mouse
E10	ILWE_AA_0241	39.87	37.34	3.57	1.00			eimeria
E11	ILWE_AA_0241		37.34	3.57	1.00			eimeria
E12	ILWE_AA_0241	34.82	37.34	3.57	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	37.56			-			mouse
H10	water	-			-			eimeria
H11	water	-			-			eimeria
H12	water	-			-			eimeria

## Amplification Plot



## Standard curve



Slope - R<sup>2</sup> -

Y-Intercept - Efficiency -