

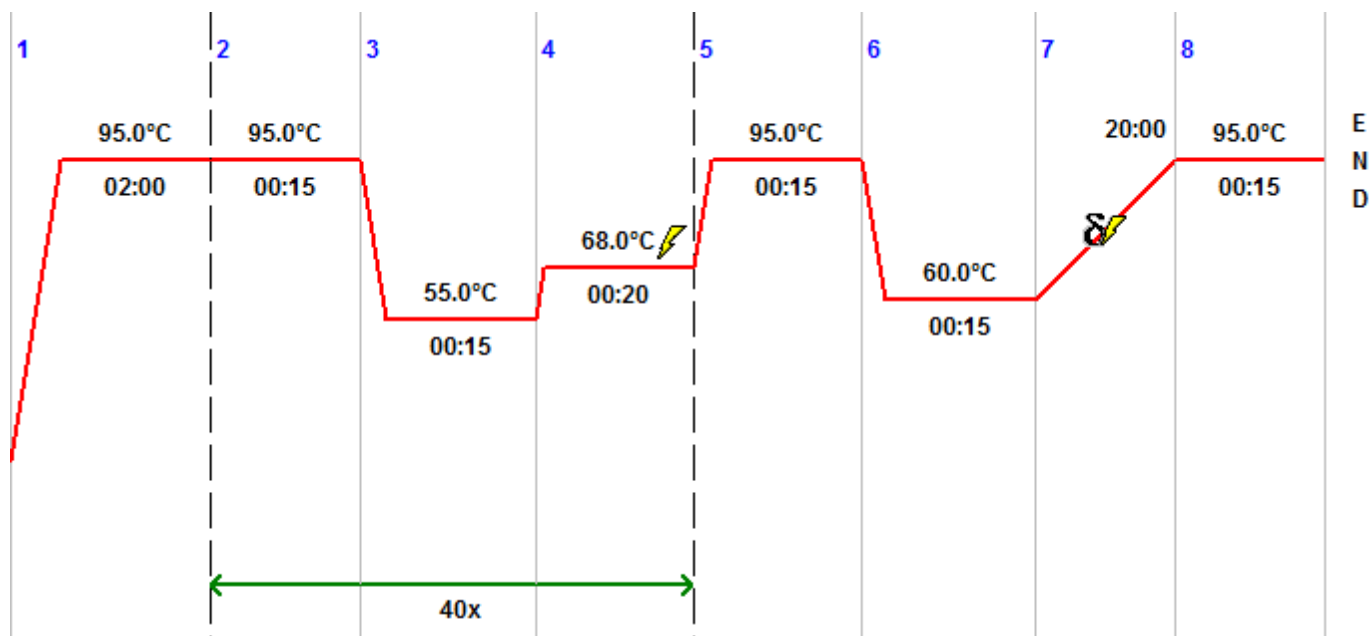
Document information

Software:	realplex 2.2	
File Name:	EPPENDORF\Lorenzo\QPCR07.06.2	
Printed by:	EPPENDORF	
Created:	Jun/07/2018 12:45	
Serial No. Thermo Module:	6325 30387	
Serial No. realplex Module.:	630011465	
Acquisition Start Time:	EPPENDORF	Jun/07/2018 12:49
Acquisition End Time:	EPPENDORF	Jun/07/2018 14:17
Last updated:	EPPENDORF	Apr/06/2018 12:28
Background:	Sarstedt-20µl	Sep/12/2011 10:28
Color Calibration:	SYBR	Mar/12/2018 15:31
QPCR07.06.2018part2	Quantification	Jun/07/2018 14:17
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	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 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	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 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	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 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	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00
H	NTC	NTC	NTC	NTC	NTC	NTC	water	water	water	water	water	water

PCR Program

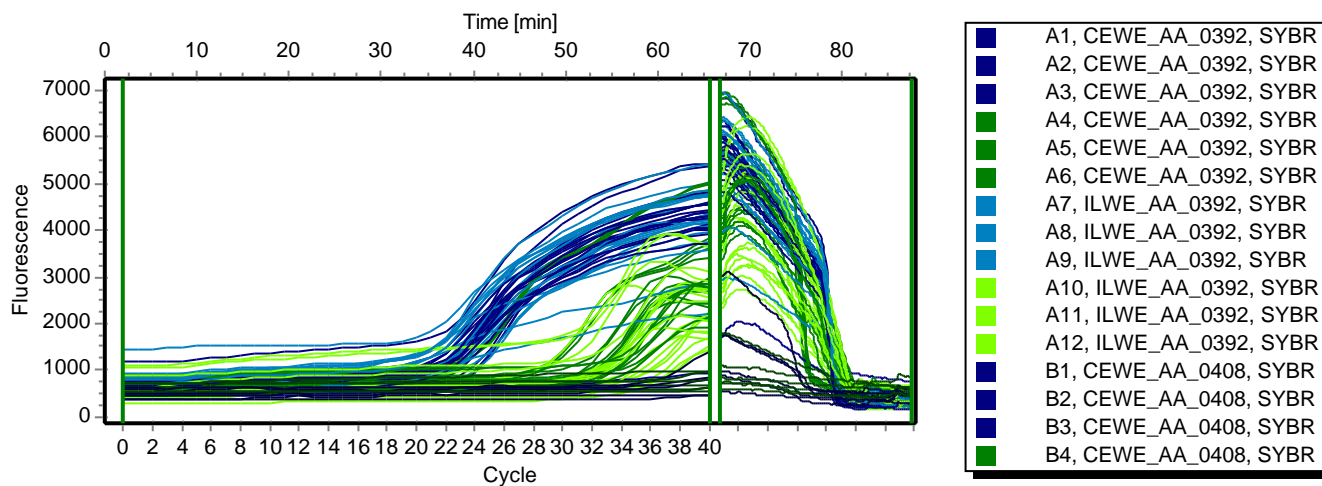


Program Header

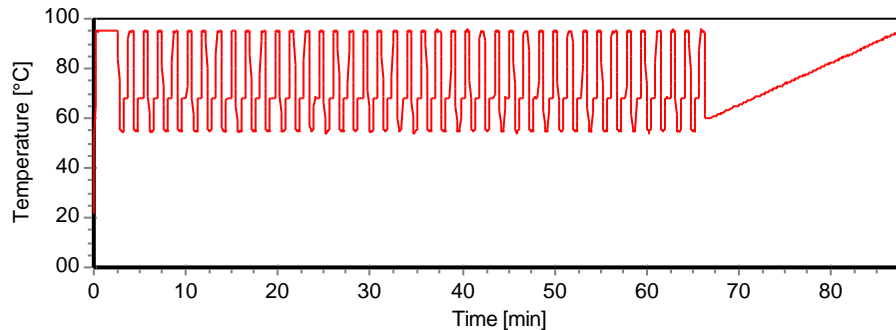
Lid Temp	105 °C	TSP Heated Lid	Yes
Temp. Mode	Standard	Switch off lid at low block temp	No
Impulse	No	Simulate Mastercycler gradient	No

Raw Data SYBR







































































Fluorescence Profile







































































































Temperature Profile



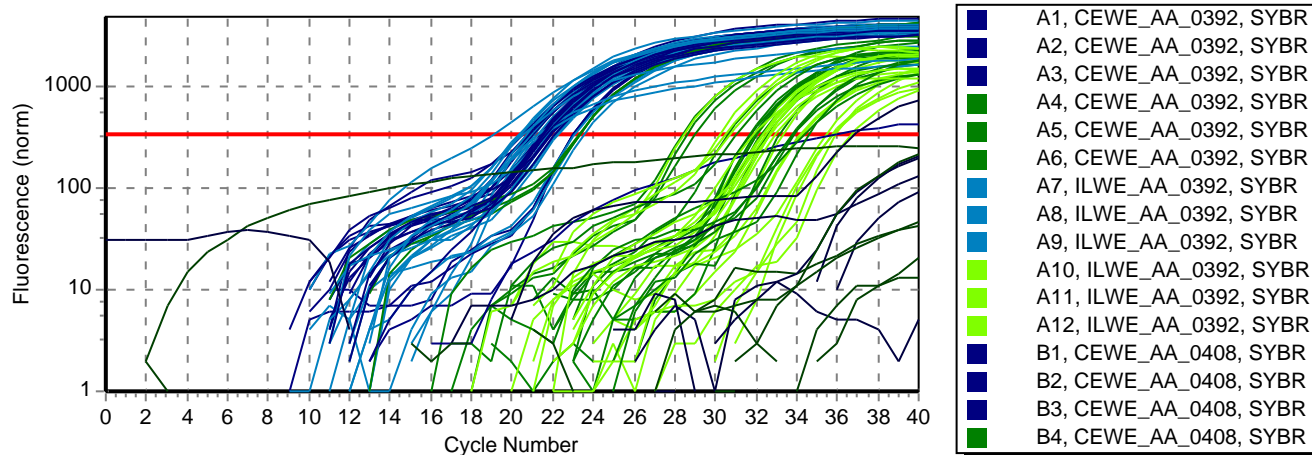
Quantification SYBR

Pos	Name	Ct SYBR	Ct Mean SYBR	Ct Dev. SYBR	Amount SYBR [Copies]	Amount Mean SYBR	Amount Dev. SYBR	Target SYBR
  A1	CEWE_AA_0392	21.60	21.31	0.35	1.00			mouse
  A2	CEWE_AA_0392	21.41	21.31	0.35	1.00			mouse
  A3	CEWE_AA_0392	20.92	21.31	0.35	1.00			mouse
  A4	CEWE_AA_0392	32.02	31.63	0.86	1.00			eimeria
  A5	CEWE_AA_0392	32.22	31.63	0.86	1.00			eimeria
  A6	CEWE_AA_0392	30.64	31.63	0.86	1.00			eimeria
  A7	ILWE_AA_0392	20.84	21.04	0.20	1.00			mouse
  A8	ILWE_AA_0392	21.05	21.04	0.20	1.00			mouse
  A9	ILWE_AA_0392	21.24	21.04	0.20	1.00			mouse
  A10	ILWE_AA_0392	31.98	33.19	1.15	1.00			eimeria
  A11	ILWE_AA_0392	33.32	33.19	1.15	1.00			eimeria
  A12	ILWE_AA_0392	34.28	33.19	1.15	1.00			eimeria
  B1	CEWE_AA_0408	22.98	23.00	0.02	1.00			mouse
  B2	CEWE_AA_0408	23.02	23.00	0.02	1.00			mouse
  B3	CEWE_AA_0408	23.00	23.00	0.02	1.00			mouse
  B4	CEWE_AA_0408	31.97	32.07	0.45	1.00			eimeria
  B5	CEWE_AA_0408	31.67	32.07	0.45	1.00			eimeria
  B6	CEWE_AA_0408	32.56	32.07	0.45	1.00			eimeria
  B7	ILWE_AA_0408	23.34	23.33	0.26	1.00			mouse
  B8	ILWE_AA_0408	23.58	23.33	0.26	1.00			mouse
  B9	ILWE_AA_0408	23.06	23.33	0.26	1.00			mouse
  B10	ILWE_AA_0408	35.95	36.16	0.50	1.00			eimeria
  B11	ILWE_AA_0408	35.79	36.16	0.50	1.00			eimeria
  B12	ILWE_AA_0408	36.73	36.16	0.50	1.00			eimeria
  C1	CEWE_AA_0409	21.76	21.61	0.15	1.00			mouse
  C2	CEWE_AA_0409	21.46	21.61	0.15	1.00			mouse
  C3	CEWE_AA_0409	21.62	21.61	0.15	1.00			mouse
  C4	CEWE_AA_0410	28.38	28.66	0.29	1.00			eimeria
  C5	CEWE_AA_0410	28.63	28.66	0.29	1.00			eimeria
  C6	CEWE_AA_0410	28.96	28.66	0.29	1.00			eimeria
  C7	ILWE_AA_0410	22.04	22.16	0.11	1.00			mouse
  C8	ILWE_AA_0410	22.19	22.16	0.11	1.00			mouse
  C9	ILWE_AA_0410	22.26	22.16	0.11	1.00			mouse
  C10	ILWE_AA_0410	34.19	35.15	0.84	1.00			eimeria
  C11	ILWE_AA_0410	35.46	35.15	0.84	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_0410	35.79	35.15	0.84	1.00			eimeria
  D1	CEWE_AA_0410	35.87	26.09	8.47	1.00			mouse
  D2	CEWE_AA_0410	21.39	26.09	8.47	1.00			mouse
  D3	CEWE_AA_0410	21.02	26.09	8.47	1.00			mouse
  D4	CEWE_AA_0410	31.90	32.25	0.78	1.00			eimeria
  D5	CEWE_AA_0410	33.14	32.25	0.78	1.00			eimeria
  D6	CEWE_AA_0410	31.72	32.25	0.78	1.00			eimeria
  D7	CEWE_AA_0410	19.12	20.15	0.92	1.00			mouse
  D8	CEWE_AA_0410	20.44	20.15	0.92	1.00			mouse
  D9	CEWE_AA_0410	20.88	20.15	0.92	1.00			mouse
  D10	CEWE_AA_0410	32.33	32.63	0.30	1.00			eimeria
  D11	CEWE_AA_0410	32.65	32.63	0.30	1.00			eimeria
  D12	CEWE_AA_0410	32.93	32.63	0.30	1.00			eimeria
  E1	CEWE_AA_0296	20.52	20.69	0.15	1.00			mouse
  E2	CEWE_AA_0296	20.73	20.69	0.15	1.00			mouse
  E3	CEWE_AA_0296	20.81	20.69	0.15	1.00			mouse
  E4	CEWE_AA_0296	23.32	23.30	0.03	1.00			eimeria
  E5	CEWE_AA_0296	23.26	23.30	0.03	1.00			eimeria
  E6	CEWE_AA_0296	23.32	23.30	0.03	1.00			eimeria
  E7	CEWE_AA_0331	21.57	21.72	0.15	1.00			mouse
  E8	CEWE_AA_0331	21.73	21.72	0.15	1.00			mouse
  E9	CEWE_AA_0331	21.87	21.72	0.15	1.00			mouse
  E10	CEWE_AA_0331	32.64	31.14	2.32	1.00			eimeria
  E11	CEWE_AA_0331	28.47	31.14	2.32	1.00			eimeria
  E12	CEWE_AA_0331	32.30	31.14	2.32	1.00			eimeria
  F1	CEWE_AA_0329	22.07	21.94	0.12	1.00			mouse
  F2	CEWE_AA_0329	21.83	21.94	0.12	1.00			mouse
  F3	CEWE_AA_0329	21.93	21.94	0.12	1.00			mouse
  F4	CEWE_AA_0329	34.37	33.99	0.32	1.00			eimeria
  F5	CEWE_AA_0329	33.85	33.99	0.32	1.00			eimeria
  F6	CEWE_AA_0329	33.77	33.99	0.32	1.00			eimeria
  F7	CEWE_AA_0332	20.53	21.12	0.53	1.00			mouse
  F8	CEWE_AA_0332	21.31	21.12	0.53	1.00			mouse
  F9	CEWE_AA_0332	21.53	21.12	0.53	1.00			mouse
  F10	CEWE_AA_0332	30.75	31.05	0.71	1.00			eimeria
  F11	CEWE_AA_0332	30.53	31.05	0.71	1.00			eimeria
  F12	CEWE_AA_0332	31.86	31.05	0.71	1.00			eimeria
  G1	CEWE_AA_0330#	21.54	21.55	0.08	1.00			mouse
  G2	CEWE_AA_0330#	21.47	21.55	0.08	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_0330#	21.62	21.55	0.08	1.00			mouse
 G4	CEWE_AA_0330	34.63	33.18	1.90	1.00			eimeria
 G5	CEWE_AA_0330	33.87	33.18	1.90	1.00			eimeria
 G6	CEWE_AA_0330	31.03	33.18	1.90	1.00			eimeria
 G7	CEWE_AA_0334	20.68	20.49	0.17	1.00			mouse
 G8	CEWE_AA_0334	20.41	20.49	0.17	1.00			mouse
 G9	CEWE_AA_0334	20.37	20.49	0.17	1.00			mouse
 G10	CEWE_AA_0334	30.27	31.80	1.33	1.00			eimeria
 G11	CEWE_AA_0334	32.46	31.80	1.33	1.00			eimeria
 G12	CEWE_AA_0334	32.68	31.80	1.33	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	36.90			-			mouse
 H9	water	-			-			mouse
 H10	water	-			-			eimeria
 H11	water	-			-			eimeria
 H12	water	-			-			eimeria

Amplification Plot



Standard curve



Slope	-	R ²	-
Y-Intercept	-	Efficiency	-