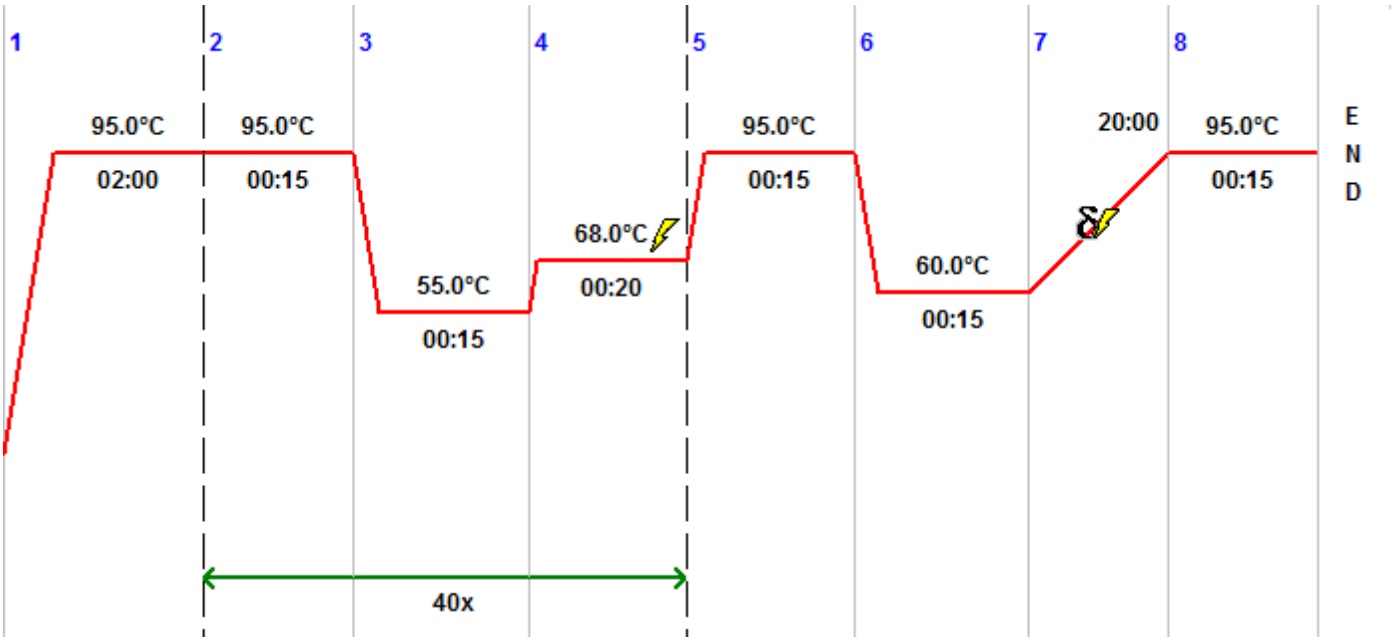
Document information

Software:	realplex 2.2	
File Name:	EPPENDORF\Lorenzo\QPCR02.07.2	
Printed by:	EPPENDORF	
Created:	Jul/02/2018 19:37	
Serial No. Thermo Module:	6325 30387	
Serial No. realplex Module.:	630011465	
Acquisition Start Time:	EPPENDORF	Jul/02/2018 19:40
Acquisition End Time:	EPPENDORF	Jul/02/2018 21:08
Last updated:	EPPENDORF	Apr/06/2018 12:28
Background:	Sarstedt-20µl	Sep/12/2011 10:28
Color Calibration:	SYBR	Mar/12/2018 15:31
QPCR02.07.2018part2	Quantification	Jul/02/2018 21:08
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	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

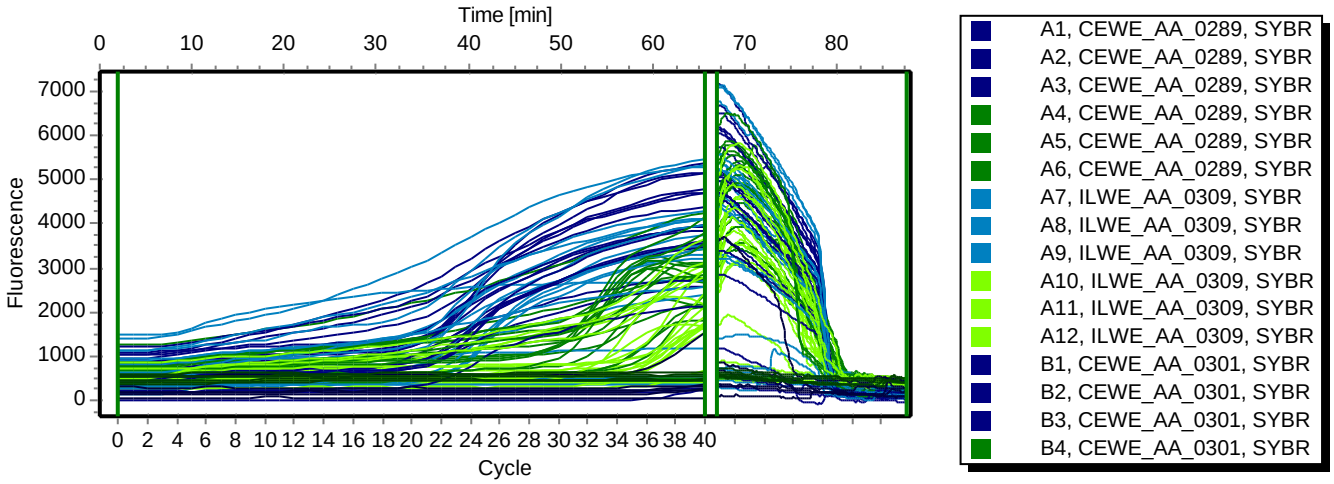


Program Header

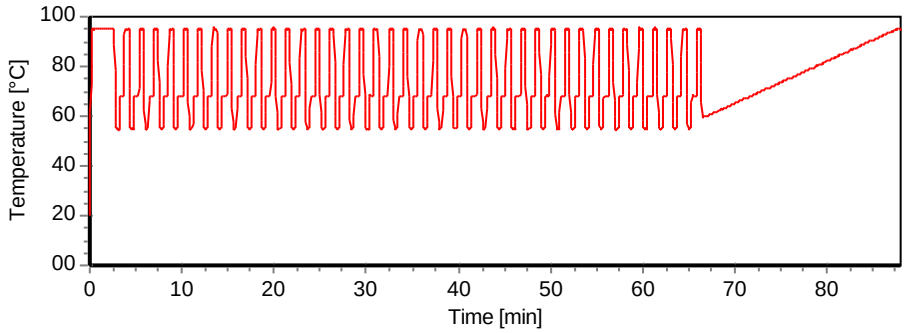
Lid Temp	105 °C	TSP Heated Lid	Yes
Temp. Mode	Standard	Switch off lid at low block temp	No
Impulse	No	Simulate Mastercycler gradient	No

Raw Data SYBR

Fluorescence Profile



Temperature Profile



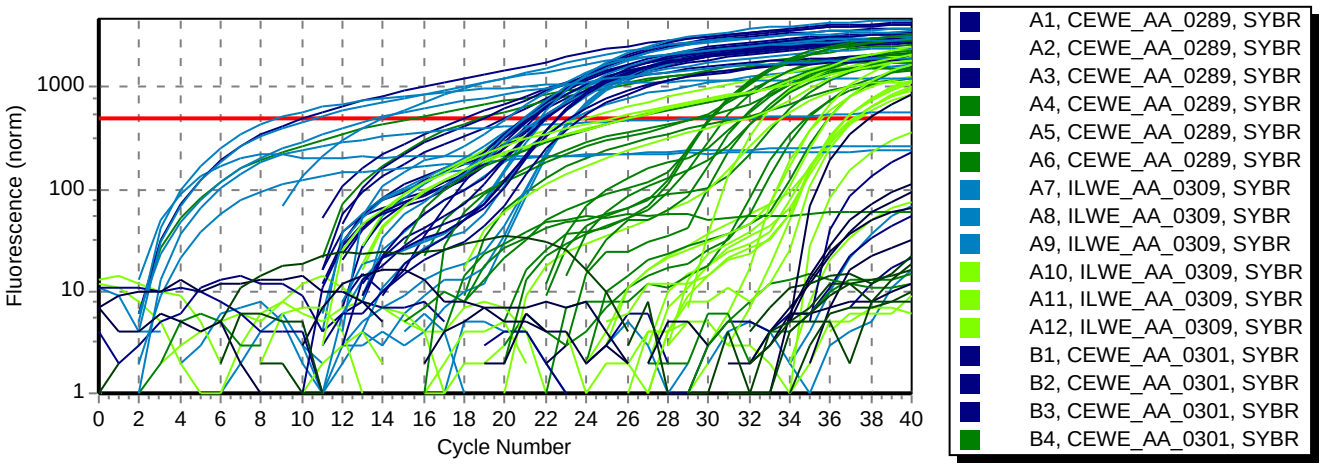
Quantification SYBR

Pos	Name	Ct SYBR	Ct Mean SYBR	Ct Dev. SYBR	Amount SYBR [Copies]	Amount Mean SYBR	Amount Dev. SYBR	Target SYBR
A1	CEWE_AA_0289	21.13	21.27	0.16	1.00			mouse
A2	CEWE_AA_0289	21.44	21.27	0.16	1.00			mouse
A3	CEWE_AA_0289	21.23	21.27	0.16	1.00			mouse
A4	CEWE_AA_0289	30.89	32.26	1.35	1.00			eimeria
A5	CEWE_AA_0289	33.59	32.26	1.35	1.00			eimeria
A6	CEWE_AA_0289	32.30	32.26	1.35	1.00			eimeria
A7	ILWE_AA_0309	21.17	21.89	1.37	1.00			mouse
A8	ILWE_AA_0309	21.02	21.89	1.37	1.00			mouse
A9	ILWE_AA_0309	23.47	21.89	1.37	1.00			mouse
A10	ILWE_AA_0309	37.20	37.35	0.16	1.00			eimeria
A11	ILWE_AA_0309	37.33	37.35	0.16	1.00			eimeria
A12	ILWE_AA_0309	37.52	37.35	0.16	1.00			eimeria
B1	CEWE_AA_0301	20.07	21.28	1.05	1.00			mouse
B2	CEWE_AA_0301	21.93	21.28	1.05	1.00			mouse
B3	CEWE_AA_0301	21.84	21.28	1.05	1.00			mouse
B4	CEWE_AA_0301	18.92	22.03	8.49	1.00			eimeria
B5	CEWE_AA_0301	15.54	22.03	8.49	1.00			eimeria
B6	CEWE_AA_0301	31.64	22.03	8.49	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_0302	10.12	15.76	4.91	1.00			mouse
C2	CEWE_AA_0302	18.14	15.76	4.91	1.00			mouse
C3	CEWE_AA_0302	19.02	15.76	4.91	1.00			mouse
C4	CEWE_AA_0302	35.96	35.27	0.61	1.00			eimeria
C5	CEWE_AA_0302	34.85	35.27	0.61	1.00			eimeria
C6	CEWE_AA_0302	34.99	35.27	0.61	1.00			eimeria
C7	ILWE_AA_0326	23.42	23.39	0.08	1.00			mouse
C8	ILWE_AA_0326	23.30	23.39	0.08	1.00			mouse
C9	ILWE_AA_0326	23.46	23.39	0.08	1.00			mouse
C10	ILWE_AA_0326	35.64	36.26	0.89	1.00			eimeria
C11	ILWE_AA_0326	36.89	36.26	0.89	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_0326		36.26	0.89	1.00			eimeria
D1	CEWE_AA_0309				1.00			mouse
D2	CEWE_AA_0309				1.00			mouse
D3	CEWE_AA_0309				1.00			mouse
D4	CEWE_AA_0309				1.00			eimeria
D5	CEWE_AA_0309				1.00			eimeria
D6	CEWE_AA_0309				1.00			eimeria
D7	ILWE_AA_0359	8.93	20.34	16.13	1.00			mouse
D8	ILWE_AA_0359	31.74	20.34	16.13	1.00			mouse
D9	ILWE_AA_0359		20.34	16.13	1.00			mouse
D10	ILWE_AA_0359	33.61	27.87	5.08	1.00			eimeria
D11	ILWE_AA_0359	26.02	27.87	5.08	1.00			eimeria
D12	ILWE_AA_0359	23.97	27.87	5.08	1.00			eimeria
E1	CEWE_AA_0323	20.94	21.14	0.18	1.00			mouse
E2	CEWE_AA_0323	21.26	21.14	0.18	1.00			mouse
E3	CEWE_AA_0323	21.23	21.14	0.18	1.00			mouse
E4	CEWE_AA_0323	29.46	30.96	1.30	1.00			eimeria
E5	CEWE_AA_0323	31.75	30.96	1.30	1.00			eimeria
E6	CEWE_AA_0323	31.68	30.96	1.30	1.00			eimeria
E7	ILWE_AA_0389	22.67	22.13	0.49	1.00			mouse
E8	ILWE_AA_0389	21.71	22.13	0.49	1.00			mouse
E9	ILWE_AA_0389	22.02	22.13	0.49	1.00			mouse
E10	ILWE_AA_0389	32.68	35.34	2.40	1.00			eimeria
E11	ILWE_AA_0389	35.99	35.34	2.40	1.00			eimeria
E12	ILWE_AA_0389	37.35	35.34	2.40	1.00			eimeria
F1	CEWE_AA_0325	22.07	22.46	0.66	1.00			mouse
F2	CEWE_AA_0325	22.10	22.46	0.66	1.00			mouse
F3	CEWE_AA_0325	23.23	22.46	0.66	1.00			mouse
F4	CEWE_AA_0325	26.29	29.51	3.08	1.00			eimeria
F5	CEWE_AA_0325	29.80	29.51	3.08	1.00			eimeria
F6	CEWE_AA_0325	32.43	29.51	3.08	1.00			eimeria
F7	CEWE_AA_0353	21.75	20.95	0.81	1.00			mouse
F8	CEWE_AA_0353	20.14	20.95	0.81	1.00			mouse
F9	CEWE_AA_0353	20.96	20.95	0.81	1.00			mouse
F10	CEWE_AA_0353	36.87	36.40	0.78	1.00			eimeria
F11	CEWE_AA_0353	35.50	36.40	0.78	1.00			eimeria
F12	CEWE_AA_0353	36.82	36.40	0.78	1.00			eimeria
G1	CEWE_AA_0345	22.58	23.00	0.70	1.00			mouse
G2	CEWE_AA_0345	22.62	23.00	0.70	1.00			mouse

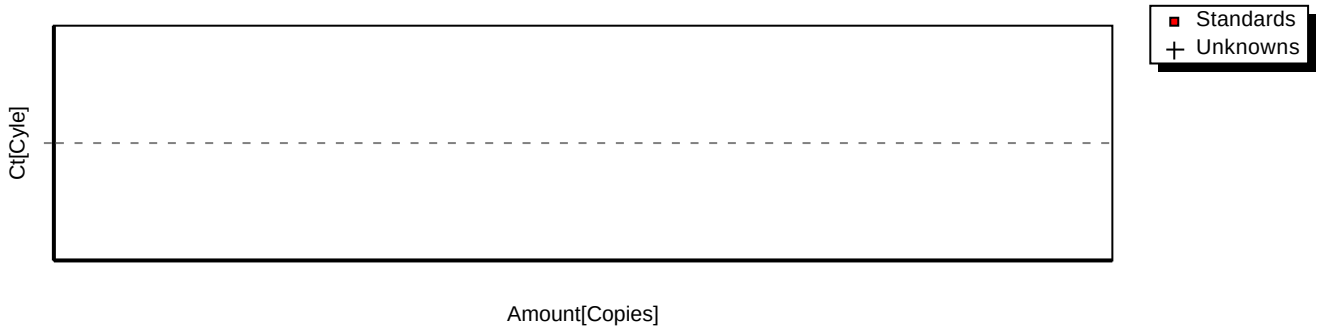
Pos	Name	Ct SYBR	Ct Mean SYBR	Ct Dev. SYBR	Amount SYBR [Copies]	Amount Mean SYBR	Amount Dev. SYBR	Target SYBR
G3	CEWE_AA_0345	23.81	23.00	0.70	1.00			mouse
G4	CEWE_AA_0345	30.15	30.18	0.07	1.00			eimeria
G5	CEWE_AA_0345	30.12	30.18	0.07	1.00			eimeria
G6	CEWE_AA_0345	30.25	30.18	0.07	1.00			eimeria
G7	CEWE_AA_0368	13.91	12.93	1.87	1.00			mouse
G8	CEWE_AA_0368	14.11	12.93	1.87	1.00			mouse
G9	CEWE_AA_0368	10.77	12.93	1.87	1.00			mouse
G10	CEWE_AA_0368	32.11	27.92	3.64	1.00			eimeria
G11	CEWE_AA_0368	26.18	27.92	3.64	1.00			eimeria
G12	CEWE_AA_0368	25.48	27.92	3.64	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	37.90			-			mouse
H9	water	-			-			mouse
H10	water	-			-			eimeria
H11	water	-			-			eimeria
H12	water	-			-			eimeria

Amplification Plot



Threshold	504 (Noiseband)
Baseline	automatic, Drift correction OFF

Standard curve



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