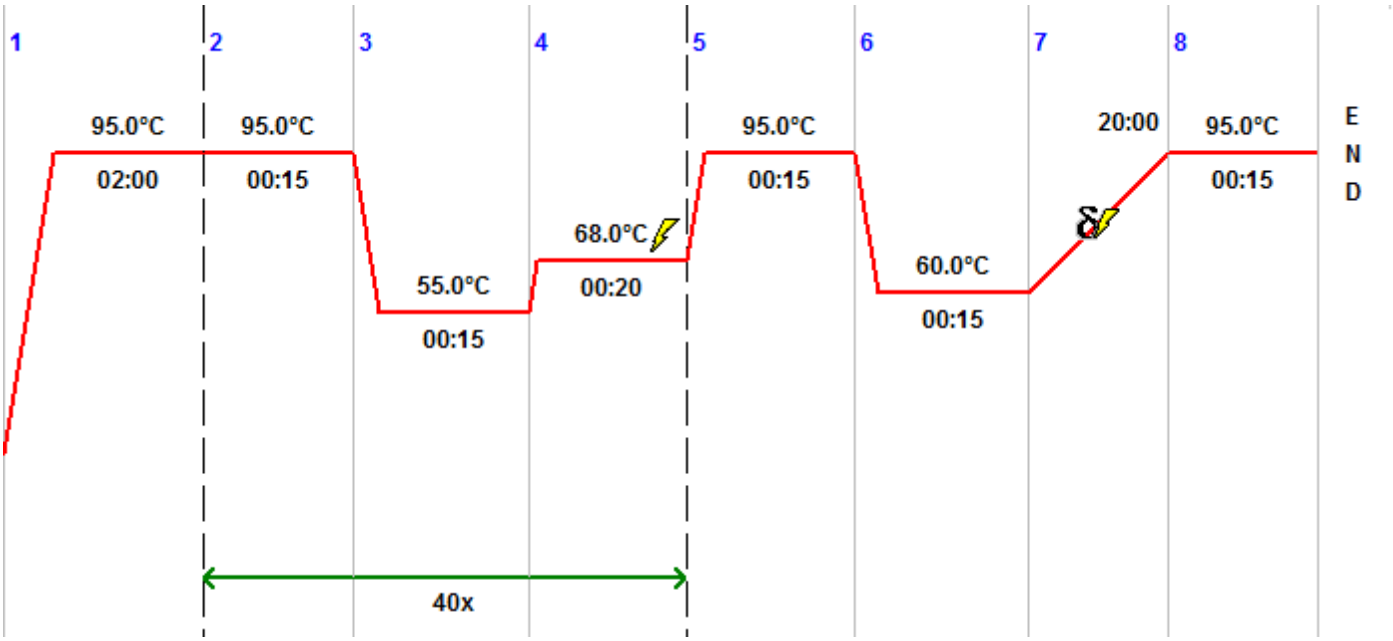
Document information

Software:	realplex 2.2	
File Name:	EPPENDORF\Lorenzo\QPCR30.05.2	
Printed by:	EPPENDORF	
Created:	May/30/2018 10:01	
Serial No. Thermo Module:	6325 30387	
Serial No. realplex Module.:	630011465	
Acquisition Start Time:	EPPENDORF	May/30/2018 10:05
Acquisition End Time:	EPPENDORF	May/30/2018 11:33
Last updated:	EPPENDORF	May/30/2018 11:36
Background:	Sarstedt-20µl	Sep/12/2011 10:28
Color Calibration:	SYBR	Mar/12/2018 15:31
QPCR30.05.2018	Quantification	May/30/2018 11:38
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

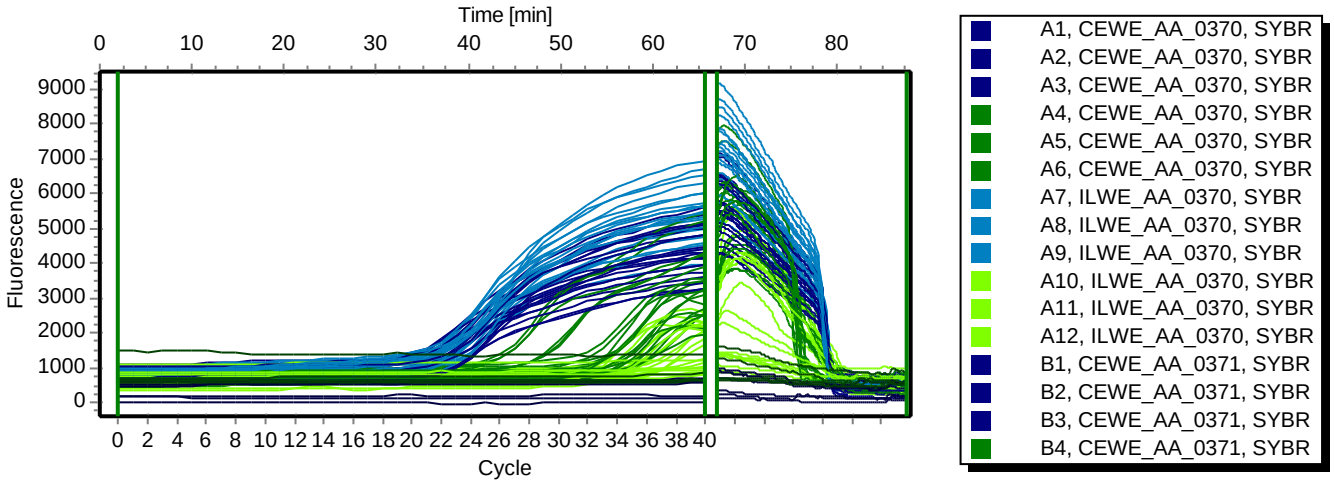


Program Header

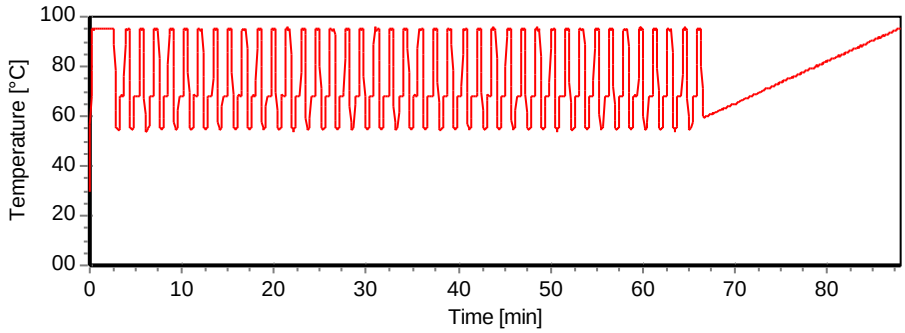
Lid Temp	105 °C	TSP Heated Lid	Yes
Temp. Mode	Standard	Switch off lid at low block temp	No
Impulse	No	Simulate Mastercycler gradient	No

Raw Data SYBR

Fluorescence Profile



Temperature Profile



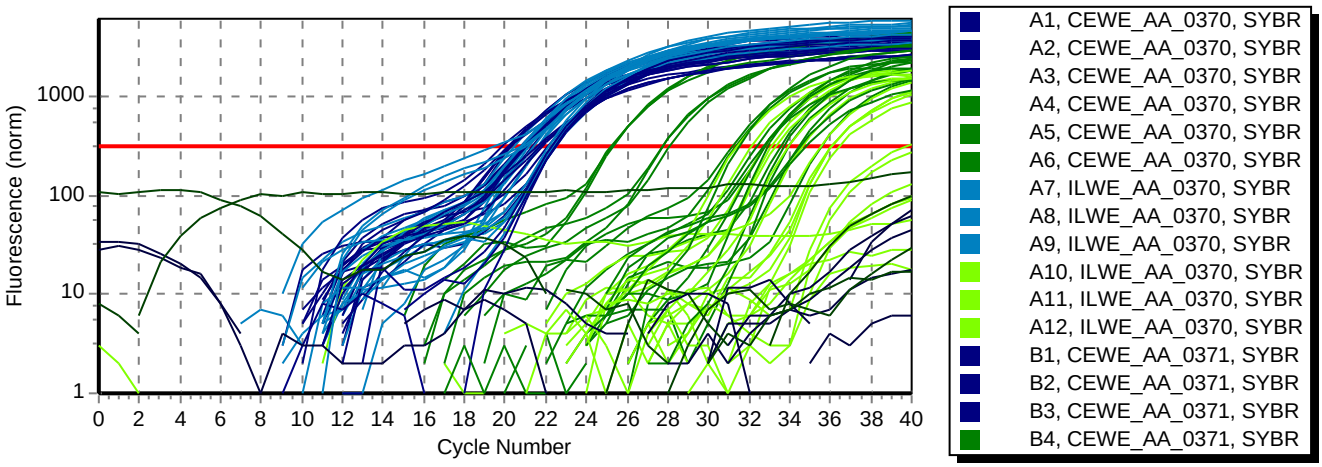
Quantification SYBR

Pos	Name	Ct SYBR	Ct Mean SYBR	Ct Dev. SYBR	Amount SYBR [Copies]	Amount Mean SYBR	Amount Dev. SYBR	Target SYBR
A1	CEWE_AA_0370	21.27	20.97	0.27	1.00			mouse
A2	CEWE_AA_0370	20.88	20.97	0.27	1.00			mouse
A3	CEWE_AA_0370	20.75	20.97	0.27	1.00			mouse
A4	CEWE_AA_0370	31.22	33.45	2.18	1.00			eimeria
A5	CEWE_AA_0370	35.58	33.45	2.18	1.00			eimeria
A6	CEWE_AA_0370	33.54	33.45	2.18	1.00			eimeria
A7	ILWE_AA_0370	22.27	22.39	0.12	1.00			mouse
A8	ILWE_AA_0370	22.39	22.39	0.12	1.00			mouse
A9	ILWE_AA_0370	22.51	22.39	0.12	1.00			mouse
A10	ILWE_AA_0370	39.73	36.37	3.22	1.00			eimeria
A11	ILWE_AA_0370	36.06	36.37	3.22	1.00			eimeria
A12	ILWE_AA_0370	33.31	36.37	3.22	1.00			eimeria
B1	CEWE_AA_0371	20.33	20.25	0.08	1.00			mouse
B2	CEWE_AA_0371	20.19	20.25	0.08	1.00			mouse
B3	CEWE_AA_0371	20.22	20.25	0.08	1.00			mouse
B4	CEWE_AA_0371	32.76	32.16	0.72	1.00			eimeria
B5	CEWE_AA_0371	32.36	32.16	0.72	1.00			eimeria
B6	CEWE_AA_0371	31.36	32.16	0.72	1.00			eimeria
B7	ILWE_AA_0371	20.92	20.93	0.13	1.00			mouse
B8	ILWE_AA_0371	21.07	20.93	0.13	1.00			mouse
B9	ILWE_AA_0371	20.81	20.93	0.13	1.00			mouse
B10	ILWE_AA_0371	35.56	33.45	1.86	1.00			eimeria
B11	ILWE_AA_0371	32.72	33.45	1.86	1.00			eimeria
B12	ILWE_AA_0371	32.06	33.45	1.86	1.00			eimeria
C1	CEWE_AA_0372	22.06	22.26	0.18	1.00			mouse
C2	CEWE_AA_0372	22.35	22.26	0.18	1.00			mouse
C3	CEWE_AA_0372	22.38	22.26	0.18	1.00			mouse
C4	CEWE_AA_0372	34.45	33.72	0.87	1.00			eimeria
C5	CEWE_AA_0372	33.95	33.72	0.87	1.00			eimeria
C6	CEWE_AA_0372	32.76	33.72	0.87	1.00			eimeria
C7	ILWE_AA_0372	20.47	20.79	0.28	1.00			mouse
C8	ILWE_AA_0372	20.96	20.79	0.28	1.00			mouse
C9	ILWE_AA_0372	20.93	20.79	0.28	1.00			mouse
C10	ILWE_AA_0372		33.75	3.27	1.00			eimeria
C11	ILWE_AA_0372	36.07	33.75	3.27	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_0372	31.44	33.75	3.27	1.00			eimeria
D1	CEWE_AA_0373	20.25	20.11	0.22	1.00			mouse
D2	CEWE_AA_0373	20.24	20.11	0.22	1.00			mouse
D3	CEWE_AA_0373	19.86	20.11	0.22	1.00			mouse
D4	CEWE_AA_0373	25.30	25.26	0.06	1.00			eimeria
D5	CEWE_AA_0373	25.29	25.26	0.06	1.00			eimeria
D6	CEWE_AA_0373	25.20	25.26	0.06	1.00			eimeria
D7	ILWE_AA_0373	20.77	20.95	0.20	1.00			mouse
D8	ILWE_AA_0373	21.16	20.95	0.20	1.00			mouse
D9	ILWE_AA_0373	20.91	20.95	0.20	1.00			mouse
D10	ILWE_AA_0373		34.78	2.41	1.00			eimeria
D11	ILWE_AA_0373	36.49	34.78	2.41	1.00			eimeria
D12	ILWE_AA_0373	33.08	34.78	2.41	1.00			eimeria
E1	CEWE_AA_0374	20.96	20.97	0.05	1.00			mouse
E2	CEWE_AA_0374	20.93	20.97	0.05	1.00			mouse
E3	CEWE_AA_0374	21.02	20.97	0.05	1.00			mouse
E4	CEWE_AA_0374	27.73	27.85	0.19	1.00			eimeria
E5	CEWE_AA_0374	28.07	27.85	0.19	1.00			eimeria
E6	CEWE_AA_0374	27.76	27.85	0.19	1.00			eimeria
E7	ILWE_AA_0374	21.60	21.54	0.15	1.00			mouse
E8	ILWE_AA_0374	21.36	21.54	0.15	1.00			mouse
E9	ILWE_AA_0374	21.65	21.54	0.15	1.00			mouse
E10	ILWE_AA_0374				1.00			eimeria
E11	ILWE_AA_0374				1.00			eimeria
E12	ILWE_AA_0374	34.62			1.00			eimeria
F1	CEWE_AA_0375	21.80	21.65	0.14	1.00			mouse
F2	CEWE_AA_0375	21.51	21.65	0.14	1.00			mouse
F3	CEWE_AA_0375	21.64	21.65	0.14	1.00			mouse
F4	CEWE_AA_0375	34.52	33.99	1.14	1.00			eimeria
F5	CEWE_AA_0375	34.77	33.99	1.14	1.00			eimeria
F6	CEWE_AA_0375	32.69	33.99	1.14	1.00			eimeria
F7	ILWE_AA_0375	22.12	22.24	0.12	1.00			mouse
F8	ILWE_AA_0375	22.25	22.24	0.12	1.00			mouse
F9	ILWE_AA_0375	22.36	22.24	0.12	1.00			mouse
F10	ILWE_AA_0375				1.00			eimeria
F11	ILWE_AA_0375				1.00			eimeria
F12	ILWE_AA_0375	36.08			1.00			eimeria
G1	CEWE_AA_0376	22.47	22.40	0.13	1.00			mouse
G2	CEWE_AA_0376	22.48	22.40	0.13	1.00			mouse

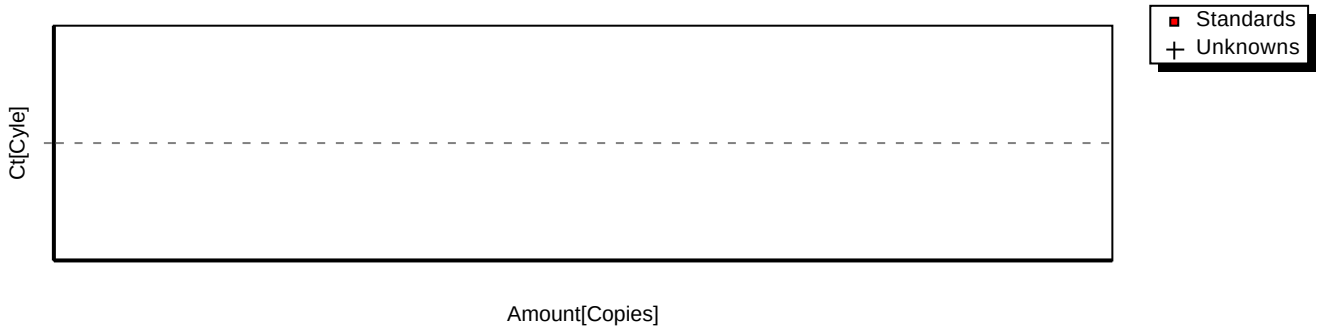
Pos	Name	Ct SYBR	Ct Mean SYBR	Ct Dev. SYBR	Amount SYBR [Copies]	Amount Mean SYBR	Amount Dev. SYBR	Target SYBR
G3	CEWE_AA_0376	22.26	22.40	0.13	1.00			mouse
G4	CEWE_AA_0376	32.90	32.70	1.11	1.00			eimeria
G5	CEWE_AA_0376	33.70	32.70	1.11	1.00			eimeria
G6	CEWE_AA_0376	31.51	32.70	1.11	1.00			eimeria
G7	ILWE_AA_0376	20.72	20.40	0.83	1.00			mouse
G8	ILWE_AA_0376	19.46	20.40	0.83	1.00			mouse
G9	ILWE_AA_0376	21.01	20.40	0.83	1.00			mouse
G10	ILWE_AA_0376				1.00			eimeria
G11	ILWE_AA_0376				1.00			eimeria
G12	ILWE_AA_0376	33.91			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



Threshold	316 (Noiseband)
Baseline	automatic, Drift correction OFF

Standard curve



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