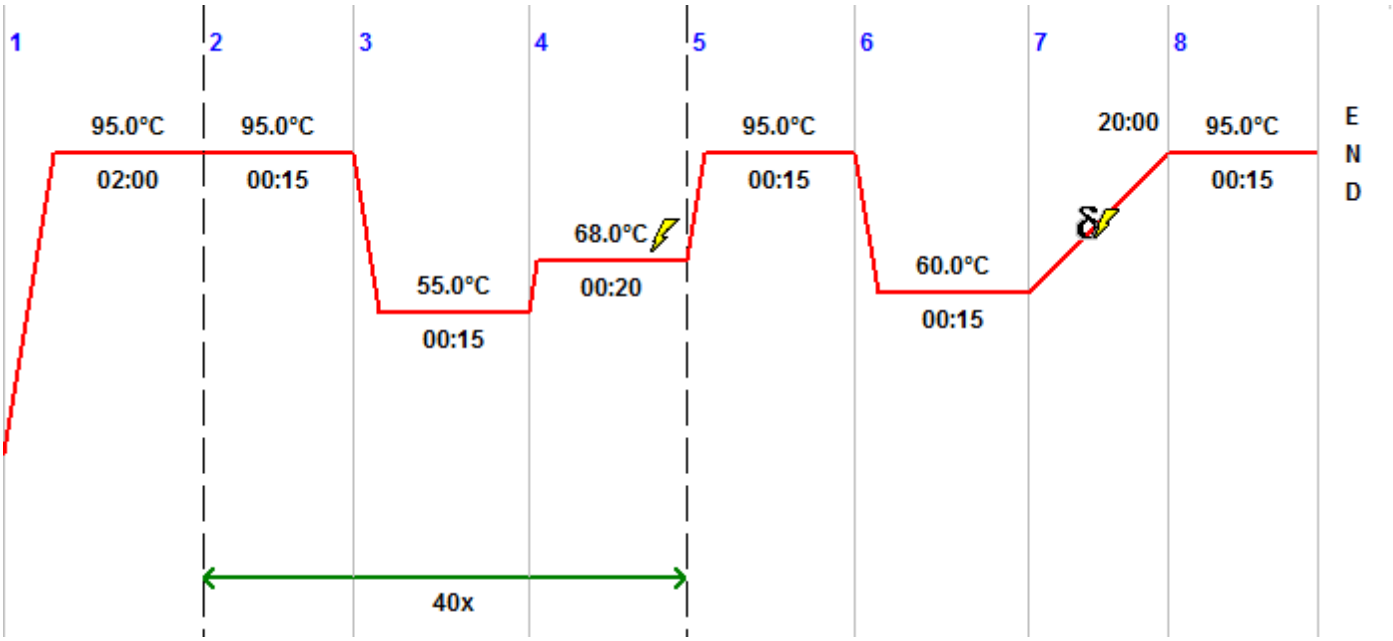
Document information

Software:	realplex 2.2	
File Name:	EPPENDORF\Lorenzo\QPCR26.04.2	
Printed by:	EPPENDORF	
Created:	Apr/26/2018 16:10	
Serial No. Thermo Module:	6325 30387	
Serial No. realplex Module.:	630011465	
Acquisition Start Time:	EPPENDORF	Apr/26/2018 16:14
Acquisition End Time:	EPPENDORF	Apr/26/2018 17:42
Last updated:	EPPENDORF	Apr/06/2018 12:28
Background:	Sarstedt-20µl	Sep/12/2011 10:28
Color Calibration:	SYBR	Mar/12/2018 15:31
QPCR26.04.2018	Quantification	Apr/26/2018 17:47
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

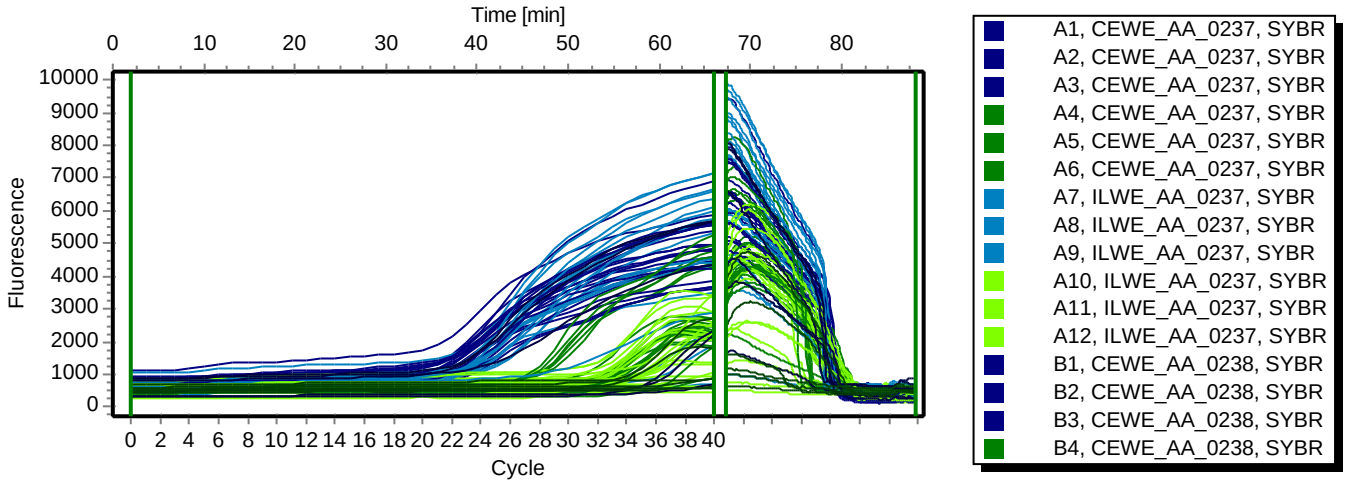


Program Header

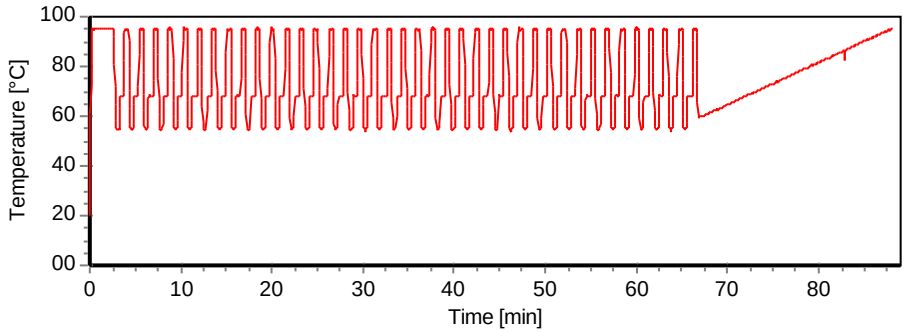
Lid Temp	105 °C	TSP Heated Lid	Yes
Temp. Mode	Standard	Switch off lid at low block temp	No
Impulse	No	Simulate Mastercycler gradient	No

Raw Data SYBR

Fluorescence Profile



Temperature Profile



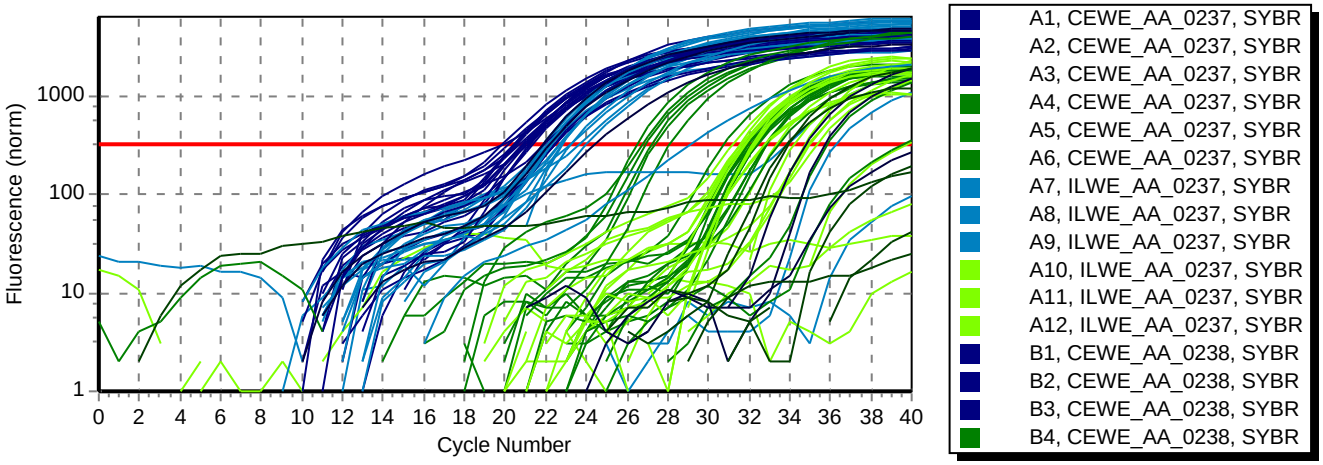
Quantification SYBR

Pos	Name	Ct SYBR	Ct Mean SYBR	Ct Dev. SYBR	Amount SYBR [Copies]	Amount Mean SYBR	Amount Dev. SYBR	Target SYBR
A1	CEWE_AA_0237	21.91	21.22	0.71	1.00			mouse
A2	CEWE_AA_0237	21.26	21.22	0.71	1.00			mouse
A3	CEWE_AA_0237	20.50	21.22	0.71	1.00			mouse
A4	CEWE_AA_0237	27.21	27.17	0.23	1.00			eimeria
A5	CEWE_AA_0237	27.38	27.17	0.23	1.00			eimeria
A6	CEWE_AA_0237	26.93	27.17	0.23	1.00			eimeria
A7	ILWE_AA_0237	36.37	35.16	1.72	1.00			mouse
A8	ILWE_AA_0237		35.16	1.72	1.00			mouse
A9	ILWE_AA_0237	33.94	35.16	1.72	1.00			mouse
A10	ILWE_AA_0237				1.00			eimeria
A11	ILWE_AA_0237	39.94			1.00			eimeria
A12	ILWE_AA_0237				1.00			eimeria
B1	CEWE_AA_0238	20.60	20.35	0.34	1.00			mouse
B2	CEWE_AA_0238	19.96	20.35	0.34	1.00			mouse
B3	CEWE_AA_0238	20.49	20.35	0.34	1.00			mouse
B4	CEWE_AA_0238	32.86	31.94	1.04	1.00			eimeria
B5	CEWE_AA_0238	30.81	31.94	1.04	1.00			eimeria
B6	CEWE_AA_0238	32.15	31.94	1.04	1.00			eimeria
B7	ILWE_AA_0238	23.70	22.91	0.71	1.00			mouse
B8	ILWE_AA_0238	22.72	22.91	0.71	1.00			mouse
B9	ILWE_AA_0238	22.31	22.91	0.71	1.00			mouse
B10	ILWE_AA_0238	31.26	31.53	0.24	1.00			eimeria
B11	ILWE_AA_0238	31.63	31.53	0.24	1.00			eimeria
B12	ILWE_AA_0238	31.71	31.53	0.24	1.00			eimeria
C1	CEWE_AA_0239	22.47	22.47	0.01	1.00			mouse
C2	CEWE_AA_0239	22.46	22.47	0.01	1.00			mouse
C3	CEWE_AA_0239	22.48	22.47	0.01	1.00			mouse
C4	CEWE_AA_0239	32.37	32.40	0.03	1.00			eimeria
C5	CEWE_AA_0239	32.42	32.40	0.03	1.00			eimeria
C6	CEWE_AA_0239	32.42	32.40	0.03	1.00			eimeria
C7	ILWE_AA_0239	21.91	21.95	0.13	1.00			mouse
C8	ILWE_AA_0239	22.10	21.95	0.13	1.00			mouse
C9	ILWE_AA_0239	21.85	21.95	0.13	1.00			mouse
C10	ILWE_AA_0239		33.93	1.48	1.00			eimeria
C11	ILWE_AA_0239	34.98	33.93	1.48	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	32.89	33.93	1.48	1.00			eimeria
D1	CEWE_AA_0240	21.05	20.59	0.42	1.00			mouse
D2	CEWE_AA_0240	20.48	20.59	0.42	1.00			mouse
D3	CEWE_AA_0240	20.23	20.59	0.42	1.00			mouse
D4	CEWE_AA_0240	31.90	31.90	0.09	1.00			eimeria
D5	CEWE_AA_0240	31.99	31.90	0.09	1.00			eimeria
D6	CEWE_AA_0240	31.80	31.90	0.09	1.00			eimeria
D7	ILWE_AA_0240	24.04	22.98	0.96	1.00			mouse
D8	ILWE_AA_0240	22.72	22.98	0.96	1.00			mouse
D9	ILWE_AA_0240	22.17	22.98	0.96	1.00			mouse
D10	ILWE_AA_0240	34.23	33.14	1.23	1.00			eimeria
D11	ILWE_AA_0240	33.38	33.14	1.23	1.00			eimeria
D12	ILWE_AA_0240	31.81	33.14	1.23	1.00			eimeria
E1	CEWE_AA_0241	21.23	21.00	0.20	1.00			mouse
E2	CEWE_AA_0241	20.91	21.00	0.20	1.00			mouse
E3	CEWE_AA_0241	20.86	21.00	0.20	1.00			mouse
E4	CEWE_AA_0241	33.47	32.79	0.69	1.00			eimeria
E5	CEWE_AA_0241	32.09	32.79	0.69	1.00			eimeria
E6	CEWE_AA_0241	32.82	32.79	0.69	1.00			eimeria
E7	ILWE_AA_0241	23.31	22.99	0.28	1.00			mouse
E8	ILWE_AA_0241	22.82	22.99	0.28	1.00			mouse
E9	ILWE_AA_0241	22.83	22.99	0.28	1.00			mouse
E10	ILWE_AA_0241	35.41	34.26	1.71	1.00			eimeria
E11	ILWE_AA_0241	35.06	34.26	1.71	1.00			eimeria
E12	ILWE_AA_0241	32.30	34.26	1.71	1.00			eimeria
F1	CEWE_AA_0242	21.36	20.71	0.66	1.00			mouse
F2	CEWE_AA_0242	20.74	20.71	0.66	1.00			mouse
F3	CEWE_AA_0242	20.04	20.71	0.66	1.00			mouse
F4	CEWE_AA_0242	39.68	36.16	3.41	1.00			eimeria
F5	CEWE_AA_0242	35.91	36.16	3.41	1.00			eimeria
F6	CEWE_AA_0242	32.88	36.16	3.41	1.00			eimeria
F7	ILWE_AA_0242	22.28	22.16	0.15	1.00			mouse
F8	ILWE_AA_0242	21.99	22.16	0.15	1.00			mouse
F9	ILWE_AA_0242	22.21	22.16	0.15	1.00			mouse
F10	ILWE_AA_0242	34.79	32.72	1.80	1.00			eimeria
F11	ILWE_AA_0242	31.58	32.72	1.80	1.00			eimeria
F12	ILWE_AA_0242	31.79	32.72	1.80	1.00			eimeria
G1	CEWE_AA_0243	20.91	21.33	0.53	1.00			mouse
G2	CEWE_AA_0243	21.14	21.33	0.53	1.00			mouse

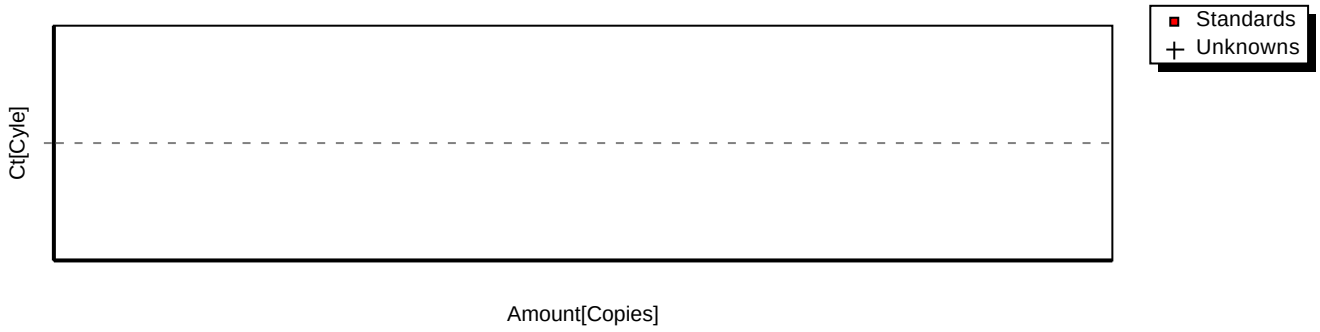
Pos	Name	Ct SYBR	Ct Mean SYBR	Ct Dev. SYBR	Amount SYBR [Copies]	Amount Mean SYBR	Amount Dev. SYBR	Target SYBR
G3	CEWE_AA_0243	21.93	21.33	0.53	1.00			mouse
G4	CEWE_AA_0243	28.12	27.12	0.87	1.00			eimeria
G5	CEWE_AA_0243	26.73	27.12	0.87	1.00			eimeria
G6	CEWE_AA_0243	26.50	27.12	0.87	1.00			eimeria
G7	ILWE_AA_0243	29.22	24.85	3.83	1.00			mouse
G8	ILWE_AA_0243	23.22	24.85	3.83	1.00			mouse
G9	ILWE_AA_0243	22.12	24.85	3.83	1.00			mouse
G10	ILWE_AA_0243	32.15	32.39	0.33	1.00			eimeria
G11	ILWE_AA_0243	32.26	32.39	0.33	1.00			eimeria
G12	ILWE_AA_0243	32.76	32.39	0.33	1.00			eimeria
H1	NTC	34.86	35.32	0.65	-			mouse
H2	NTC	-	35.32	0.65	-			mouse
H3	NTC	35.77	35.32	0.65	-			mouse
H4	NTC	-			-			eimeria
H5	NTC	-			-			eimeria
H6	NTC	-			-			eimeria
H7	water	24.46	22.83	1.42	-			mouse
H8	water	22.17	22.83	1.42	-			mouse
H9	water	21.85	22.83	1.42	-			mouse
H10	water	-	33.92	0.05	-			eimeria
H11	water	33.96	33.92	0.05	-			eimeria
H12	water	33.88	33.92	0.05	-			eimeria

Amplification Plot



Threshold	327 (Noiseband)
Baseline	automatic, Drift correction OFF

Standard curve



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