

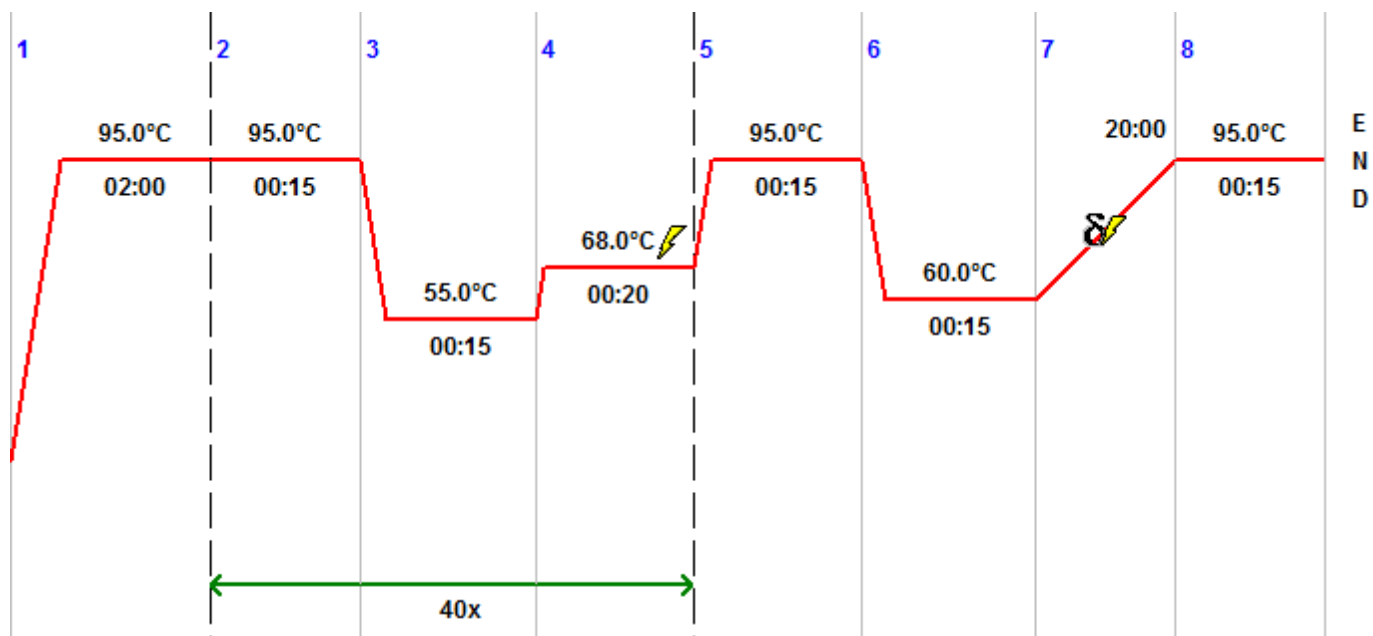
Document information

Software:	realplex 2.2	
File Name:	EPPENDORF\Lorenzo\QPCR11.06.2	
Printed by:	EPPENDORF	
Created:	Jun/11/2018 11:40	
Serial No. Thermo Module:	6325 30387	
Serial No. realplex Module.:	630011465	
Acquisition Start Time:	EPPENDORF	Jun/11/2018 11:42
Acquisition End Time:	EPPENDORF	Jun/11/2018 13:10
Last updated:	EPPENDORF	Apr/06/2018 12:28
Background:	Sarstedt-20µl	Sep/12/2011 10:28
Color Calibration:	SYBR	Mar/12/2018 15:31
QPCR11.06.2018part2	Quantification	Jun/11/2018 13:23
Inverted Data:	OFF	
Comment:		

Plate layout

	1	2	3	4	5	6	7	8	9	10	11	12
A	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	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	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	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	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	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	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	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	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	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	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	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	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	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

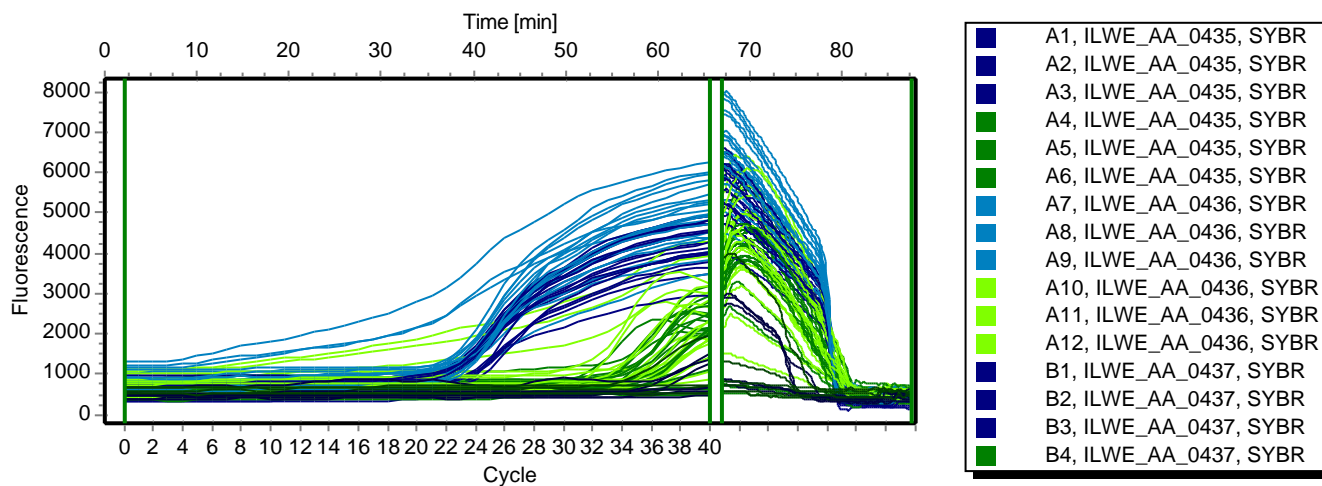


Program Header

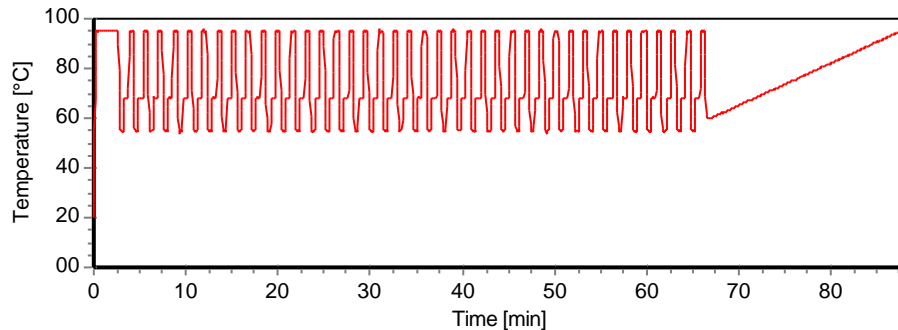
Lid Temp	105 °C	TSP Heated Lid	Yes
Temp. Mode	Standard	Switch off lid at low block temp	No
Impulse	No	Simulate Mastercycler gradient	No

Raw Data SYBR







































































Fluorescence Profile







































































































Temperature Profile



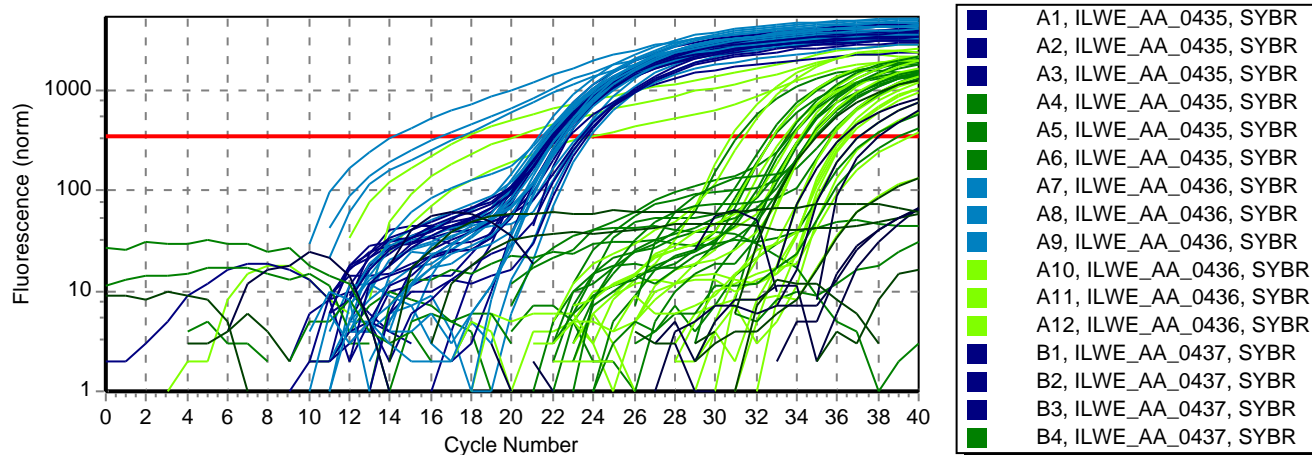
Quantification SYBR

Pos	Name	Ct SYBR	Ct Mean SYBR	Ct Dev. SYBR	Amount SYBR [Copies]	Amount Mean SYBR	Amount Dev. SYBR	Target SYBR
  A1	ILWE_AA_0435	22.04	22.01	0.06	1.00			mouse
  A2	ILWE_AA_0435	21.94	22.01	0.06	1.00			mouse
  A3	ILWE_AA_0435	22.04	22.01	0.06	1.00			mouse
  A4	ILWE_AA_0435	33.71	33.54	0.83	1.00			eimeria
  A5	ILWE_AA_0435	34.27	33.54	0.83	1.00			eimeria
  A6	ILWE_AA_0435	32.64	33.54	0.83	1.00			eimeria
  A7	ILWE_AA_0436	14.27	16.20	1.75	1.00			mouse
  A8	ILWE_AA_0436	16.66	16.20	1.75	1.00			mouse
  A9	ILWE_AA_0436	17.68	16.20	1.75	1.00			mouse
  A10	ILWE_AA_0436	17.93	20.76	3.04	1.00			eimeria
  A11	ILWE_AA_0436	20.36	20.76	3.04	1.00			eimeria
  A12	ILWE_AA_0436	23.97	20.76	3.04	1.00			eimeria
  B1	ILWE_AA_0437	21.73	21.77	0.04	1.00			mouse
  B2	ILWE_AA_0437	21.78	21.77	0.04	1.00			mouse
  B3	ILWE_AA_0437	21.81	21.77	0.04	1.00			mouse
  B4	ILWE_AA_0437	34.38	33.85	0.85	1.00			eimeria
  B5	ILWE_AA_0437	34.29	33.85	0.85	1.00			eimeria
  B6	ILWE_AA_0437	32.87	33.85	0.85	1.00			eimeria
  B7	ILWE_AA_0438	23.36	23.60	0.27	1.00			mouse
  B8	ILWE_AA_0438	23.89	23.60	0.27	1.00			mouse
  B9	ILWE_AA_0438	23.55	23.60	0.27	1.00			mouse
  B10	ILWE_AA_0438	37.87	37.01	0.75	1.00			eimeria
  B11	ILWE_AA_0438	36.72	37.01	0.75	1.00			eimeria
  B12	ILWE_AA_0438	36.45	37.01	0.75	1.00			eimeria
  C1	ILWE_AA_0439	22.00	22.07	0.08	1.00			mouse
  C2	ILWE_AA_0439	22.04	22.07	0.08	1.00			mouse
  C3	ILWE_AA_0439	22.16	22.07	0.08	1.00			mouse
  C4	ILWE_AA_0439	37.81	33.96	3.45	1.00			eimeria
  C5	ILWE_AA_0439	31.16	33.96	3.45	1.00			eimeria
  C6	ILWE_AA_0439	32.91	33.96	3.45	1.00			eimeria
  C7	ILWE_AA_0440	21.30	21.52	0.20	1.00			mouse
  C8	ILWE_AA_0440	21.67	21.52	0.20	1.00			mouse
  C9	ILWE_AA_0440	21.60	21.52	0.20	1.00			mouse
  C10	ILWE_AA_0440	34.22	34.13	0.68	1.00			eimeria
  C11	ILWE_AA_0440	34.77	34.13	0.68	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_0440	33.42	34.13	0.68	1.00			eimeria
  D1	ILWE_AA_0441	22.80	22.70	0.19	1.00			mouse
  D2	ILWE_AA_0441	22.82	22.70	0.19	1.00			mouse
  D3	ILWE_AA_0441	22.48	22.70	0.19	1.00			mouse
  D4	ILWE_AA_0441				1.00			eimeria
  D5	ILWE_AA_0441				1.00			eimeria
  D6	ILWE_AA_0441				1.00			eimeria
  D7	ILWE_AA_0442	21.49	21.73	0.21	1.00			mouse
  D8	ILWE_AA_0442	21.90	21.73	0.21	1.00			mouse
  D9	ILWE_AA_0442	21.80	21.73	0.21	1.00			mouse
  D10	ILWE_AA_0442	36.26	34.32	3.02	1.00			eimeria
  D11	ILWE_AA_0442	35.85	34.32	3.02	1.00			eimeria
  D12	ILWE_AA_0442	30.84	34.32	3.02	1.00			eimeria
  E1	ILWE_AA_0443	22.34	22.58	0.25	1.00			mouse
  E2	ILWE_AA_0443	22.55	22.58	0.25	1.00			mouse
  E3	ILWE_AA_0443	22.84	22.58	0.25	1.00			mouse
  E4	ILWE_AA_0443	34.78	34.47	0.58	1.00			eimeria
  E5	ILWE_AA_0443	34.83	34.47	0.58	1.00			eimeria
  E6	ILWE_AA_0443	33.80	34.47	0.58	1.00			eimeria
  E7	ILWE_AA_0444	22.59	22.88	0.38	1.00			mouse
  E8	ILWE_AA_0444	22.75	22.88	0.38	1.00			mouse
  E9	ILWE_AA_0444	23.30	22.88	0.38	1.00			mouse
  E10	ILWE_AA_0444		38.43	1.82	1.00			eimeria
  E11	ILWE_AA_0444	39.72	38.43	1.82	1.00			eimeria
  E12	ILWE_AA_0444	37.14	38.43	1.82	1.00			eimeria
  F1	ILWE_AA_0445	23.73	23.60	0.13	1.00			mouse
  F2	ILWE_AA_0445	23.46	23.60	0.13	1.00			mouse
  F3	ILWE_AA_0445	23.60	23.60	0.13	1.00			mouse
  F4	ILWE_AA_0445	39.12	36.29	2.46	1.00			eimeria
  F5	ILWE_AA_0445	34.97	36.29	2.46	1.00			eimeria
  F6	ILWE_AA_0445	34.76	36.29	2.46	1.00			eimeria
  F7	ILWE_AA_0446	21.84	22.11	0.24	1.00			mouse
  F8	ILWE_AA_0446	22.18	22.11	0.24	1.00			mouse
  F9	ILWE_AA_0446	22.29	22.11	0.24	1.00			mouse
  F10	ILWE_AA_0446	31.43	32.71	1.21	1.00			eimeria
  F11	ILWE_AA_0446	33.84	32.71	1.21	1.00			eimeria
  F12	ILWE_AA_0446	32.86	32.71	1.21	1.00			eimeria
  G1	ILWE_AA_0448	21.97	22.02	0.09	1.00			mouse
  G2	ILWE_AA_0448	22.12	22.02	0.09	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	ILWE_AA_0448	21.98	22.02	0.09	1.00			mouse
 G4	ILWE_AA_0448	35.59	34.96	1.24	1.00			eimeria
 G5	ILWE_AA_0448	35.77	34.96	1.24	1.00			eimeria
 G6	ILWE_AA_0448	33.54	34.96	1.24	1.00			eimeria
 G7	ILWE_AA_0449	22.41	22.51	0.09	1.00			mouse
 G8	ILWE_AA_0449	22.54	22.51	0.09	1.00			mouse
 G9	ILWE_AA_0449	22.58	22.51	0.09	1.00			mouse
 G10	ILWE_AA_0449	36.56	35.72	0.87	1.00			eimeria
 G11	ILWE_AA_0449	35.78	35.72	0.87	1.00			eimeria
 G12	ILWE_AA_0449	34.83	35.72	0.87	1.00			eimeria
 H1	NTC	37.17	37.62	0.64	-			mouse
 H2	NTC	38.07	37.62	0.64	-			mouse
 H3	NTC	-	37.62	0.64	-			mouse
 H4	NTC	-			-			eimeria
 H5	NTC	-			-			eimeria
 H6	NTC	-			-			eimeria
 H7	water	-			-			mouse
 H8	water	-			-			mouse
 H9	water	36.37			-			mouse
 H10	water	-			-			eimeria
 H11	water	35.00			-			eimeria
 H12	water	-			-			eimeria

Amplification Plot



Standard curve



Slope - R² -

Y-Intercept - Efficiency -