

Document information

Software:	realplex 2.2	
File Name:	EPPENDORF\Lorenzo\QPCR27.04.2	
Printed by:	EPPENDORF	
Created:	Apr/27/2018 12:04	
Serial No. Thermo Module:	6325 30387	
Serial No. realplex Module.:	630011465	
Acquisition Start Time:	EPPENDORF	Apr/27/2018 12:08
Acquisition End Time:	EPPENDORF	Apr/27/2018 13:36
Last updated:	EPPENDORF	Apr/06/2018 12:28
Background:	Sarstedt-20µl	Sep/12/2011 10:28
Color Calibration:	SYBR	Mar/12/2018 15:31
QPCR27.04.2018	Quantification	Apr/27/2018 14:16
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

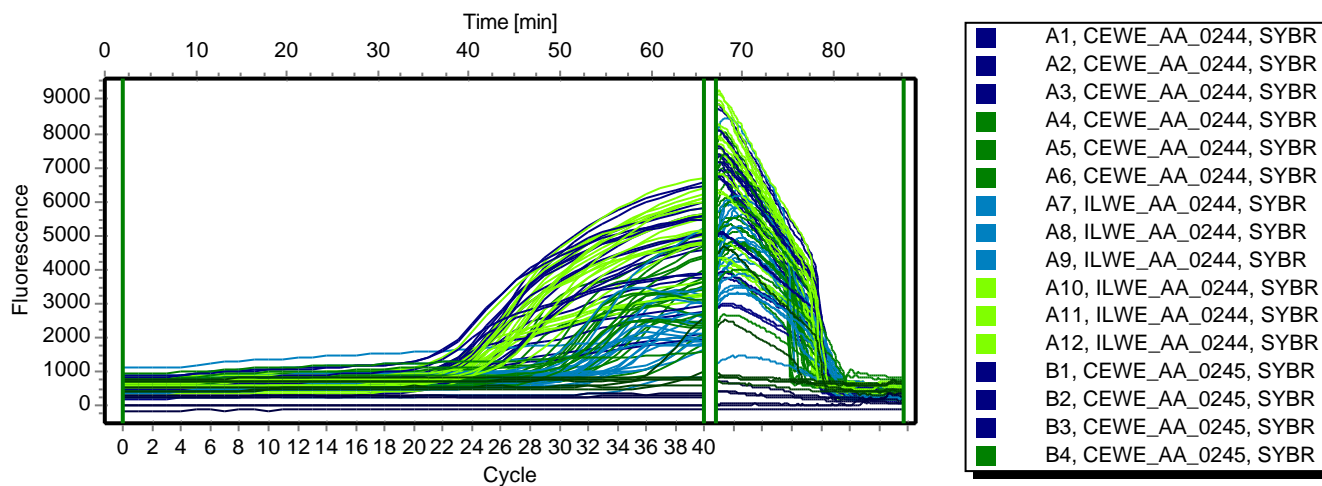


Program Header

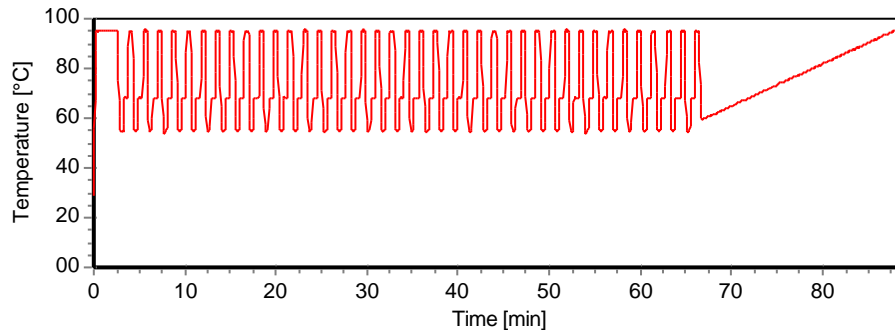
Lid Temp	105 °C	TSP Heated Lid	Yes
Temp. Mode	Standard	Switch off lid at low block temp	No
Impulse	No	Simulate Mastercycler gradient	No

Raw Data SYBR







































































Fluorescence Profile







































































































Temperature Profile



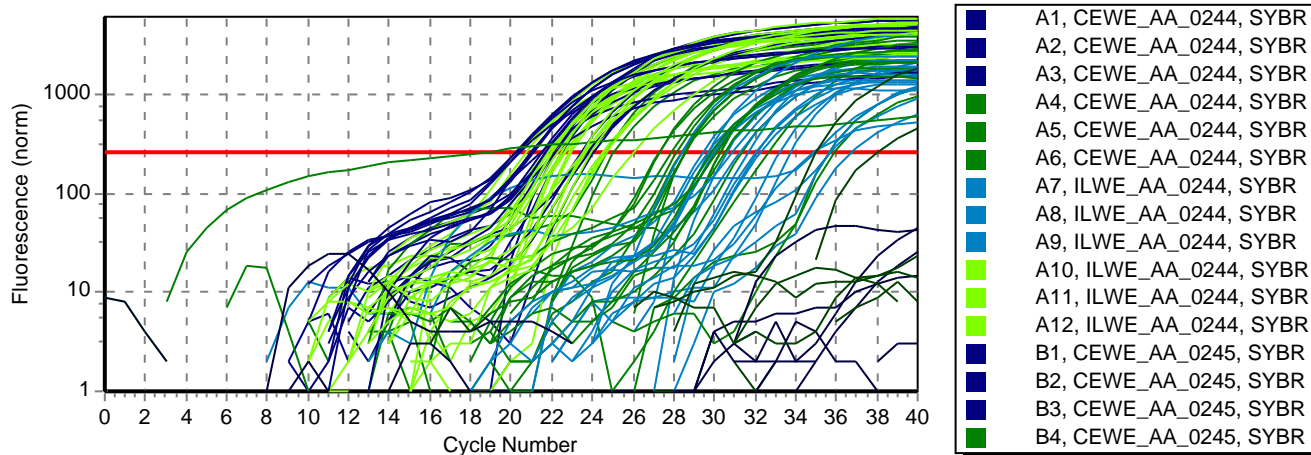
Quantification SYBR

Pos	Name	Ct SYBR	Ct Mean SYBR	Ct Dev. SYBR	Amount SYBR [Copies]	Amount Mean SYBR	Amount Dev. SYBR	Target SYBR
  A1	CEWE_AA_0244	24.04	22.91	0.99	1.00			mouse
  A2	CEWE_AA_0244	22.50	22.91	0.99	1.00			mouse
  A3	CEWE_AA_0244	22.20	22.91	0.99	1.00			mouse
  A4	CEWE_AA_0244	28.38	26.04	2.03	1.00			eimeria
  A5	CEWE_AA_0244	25.04	26.04	2.03	1.00			eimeria
  A6	CEWE_AA_0244	24.72	26.04	2.03	1.00			eimeria
  A7	ILWE_AA_0244	33.74	32.01	1.58	1.00			mouse
  A8	ILWE_AA_0244	31.65	32.01	1.58	1.00			mouse
  A9	ILWE_AA_0244	30.65	32.01	1.58	1.00			mouse
  A10	ILWE_AA_0244	24.56	23.36	1.04	1.00			eimeria
  A11	ILWE_AA_0244	22.86	23.36	1.04	1.00			eimeria
  A12	ILWE_AA_0244	22.65	23.36	1.04	1.00			eimeria
  B1	CEWE_AA_0245	23.45	22.51	0.82	1.00			mouse
  B2	CEWE_AA_0245	22.07	22.51	0.82	1.00			mouse
  B3	CEWE_AA_0245	22.00	22.51	0.82	1.00			mouse
  B4	CEWE_AA_0245	32.62	29.92	2.34	1.00			eimeria
  B5	CEWE_AA_0245	28.57	29.92	2.34	1.00			eimeria
  B6	CEWE_AA_0245	28.56	29.92	2.34	1.00			eimeria
  B7	ILWE_AA_0245	36.78	32.77	3.71	1.00			mouse
  B8	ILWE_AA_0245	32.07	32.77	3.71	1.00			mouse
  B9	ILWE_AA_0245	29.47	32.77	3.71	1.00			mouse
  B10	ILWE_AA_0245	22.62	22.04	0.51	1.00			eimeria
  B11	ILWE_AA_0245	21.81	22.04	0.51	1.00			eimeria
  B12	ILWE_AA_0245	21.69	22.04	0.51	1.00			eimeria
  C1	CEWE_AA_0246	23.74	22.55	1.07	1.00			mouse
  C2	CEWE_AA_0246	21.68	22.55	1.07	1.00			mouse
  C3	CEWE_AA_0246	22.22	22.55	1.07	1.00			mouse
  C4	CEWE_AA_0246	35.94	32.53	3.00	1.00			eimeria
  C5	CEWE_AA_0246	31.35	32.53	3.00	1.00			eimeria
  C6	CEWE_AA_0246	30.31	32.53	3.00	1.00			eimeria
  C7	ILWE_AA_0246	35.75	32.31	3.06	1.00			mouse
  C8	ILWE_AA_0246	31.29	32.31	3.06	1.00			mouse
  C9	ILWE_AA_0246	29.90	32.31	3.06	1.00			mouse
  C10	ILWE_AA_0246	23.58	21.58	1.74	1.00			eimeria
  C11	ILWE_AA_0246	20.73	21.58	1.74	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_0246	20.42	21.58	1.74	1.00			eimeria
  D1	CEWE_AA_0247	23.85	22.32	1.32	1.00			mouse
  D2	CEWE_AA_0247	21.65	22.32	1.32	1.00			mouse
  D3	CEWE_AA_0247	21.47	22.32	1.32	1.00			mouse
  D4	CEWE_AA_0247	35.68	32.17	3.04	1.00			eimeria
  D5	CEWE_AA_0247	30.53	32.17	3.04	1.00			eimeria
  D6	CEWE_AA_0247	30.31	32.17	3.04	1.00			eimeria
  D7	ILWE_AA_0247	34.92	32.70	2.51	1.00			mouse
  D8	ILWE_AA_0247	33.20	32.70	2.51	1.00			mouse
  D9	ILWE_AA_0247	29.98	32.70	2.51	1.00			mouse
  D10	ILWE_AA_0247	25.96	23.73	1.96	1.00			eimeria
  D11	ILWE_AA_0247	22.96	23.73	1.96	1.00			eimeria
  D12	ILWE_AA_0247	22.28	23.73	1.96	1.00			eimeria
  E1	CEWE_AA_0248	21.74	21.05	0.65	1.00			mouse
  E2	CEWE_AA_0248	20.97	21.05	0.65	1.00			mouse
  E3	CEWE_AA_0248	20.44	21.05	0.65	1.00			mouse
  E4	CEWE_AA_0248	28.12	27.54	0.50	1.00			eimeria
  E5	CEWE_AA_0248	27.23	27.54	0.50	1.00			eimeria
  E6	CEWE_AA_0248	27.29	27.54	0.50	1.00			eimeria
  E7	ILWE_AA_0248	35.66	32.23	3.00	1.00			mouse
  E8	ILWE_AA_0248	30.93	32.23	3.00	1.00			mouse
  E9	ILWE_AA_0248	30.09	32.23	3.00	1.00			mouse
  E10	ILWE_AA_0248	24.49	22.76	1.50	1.00			eimeria
  E11	ILWE_AA_0248	22.02	22.76	1.50	1.00			eimeria
  E12	ILWE_AA_0248	21.77	22.76	1.50	1.00			eimeria
  F1	CEWE_AA_0249	21.51	21.17	0.30	1.00			mouse
  F2	CEWE_AA_0249	21.06	21.17	0.30	1.00			mouse
  F3	CEWE_AA_0249	20.93	21.17	0.30	1.00			mouse
  F4	CEWE_AA_0249	30.11	28.85	1.15	1.00			eimeria
  F5	CEWE_AA_0249	28.59	28.85	1.15	1.00			eimeria
  F6	CEWE_AA_0249	27.86	28.85	1.15	1.00			eimeria
  F7	ILWE_AA_0249	29.74	29.29	0.76	1.00			mouse
  F8	ILWE_AA_0249	28.41	29.29	0.76	1.00			mouse
  F9	ILWE_AA_0249	29.71	29.29	0.76	1.00			mouse
  F10	ILWE_AA_0249	23.65	22.69	0.87	1.00			eimeria
  F11	ILWE_AA_0249	22.46	22.69	0.87	1.00			eimeria
  F12	ILWE_AA_0249	21.95	22.69	0.87	1.00			eimeria
  G1	CEWE_AA_0250	20.36	20.29	0.06	1.00			mouse
  G2	CEWE_AA_0250	20.24	20.29	0.06	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_0250	20.28	20.29	0.06	1.00			mouse
 G4	CEWE_AA_0250	18.48	26.16	6.65	1.00			eimeria
 G5	CEWE_AA_0250	29.86	26.16	6.65	1.00			eimeria
 G6	CEWE_AA_0250	30.13	26.16	6.65	1.00			eimeria
 G7	ILWE_AA_0250	31.98	33.04	1.62	1.00			mouse
 G8	ILWE_AA_0250	32.25	33.04	1.62	1.00			mouse
 G9	ILWE_AA_0250	34.91	33.04	1.62	1.00			mouse
 G10	ILWE_AA_0250	24.73	24.07	0.60	1.00			eimeria
 G11	ILWE_AA_0250	23.95	24.07	0.60	1.00			eimeria
 G12	ILWE_AA_0250	23.55	24.07	0.60	1.00			eimeria
 H1	NTC	-			-			mouse
 H2	NTC	-			-			mouse
 H3	NTC	-			-			mouse
 H4	NTC	-			-			eimeria
 H5	NTC	37.93			-			eimeria
 H6	NTC	-			-			eimeria
 H7	water	-			-			mouse
 H8	water	-			-			mouse
 H9	water	-			-			mouse
 H10	water	-			-			eimeria
 H11	water	-			-			eimeria
 H12	water	35.01			-			eimeria

Amplification Plot



Standard curve



Slope - R² -

Y-Intercept - Efficiency -