Document information

Software:	realplex 2.2	
File Name:	EPPENDORF\Yasmin_Crypto_Projec	
Printed by:	EPPENDORF	
Created:	Oct/23/2018 09:21	
Serial No. Thermo Module:	6325 30387	
Serial No. realplex Module.:	630011465	
Acquisition Start Time:	EPPENDORF	Oct/23/2018 10:05
Acquisition End Time:	EPPENDORF	Oct/23/2018 11:33
Last updated:	EPPENDORF	Sep/05/2018 11:56
Background:	Sarstedt-20µl	Sep/12/2011 10:28
Color Calibration:	SYBR	Mar/12/2018 15:31
lastrepeats231018	Quantification	Oct/23/2018 13:22
	Melting Curve	Oct/23/2018 13:24
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	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 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	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 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	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 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	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 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	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 1: 1.00	CEWE_... 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												
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
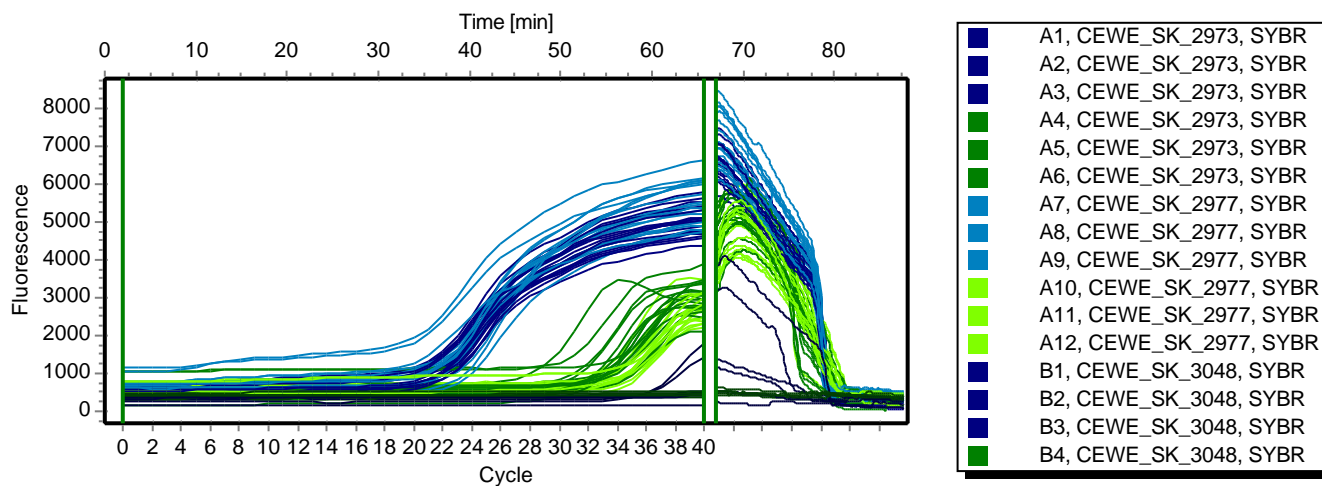
Temperature Profile
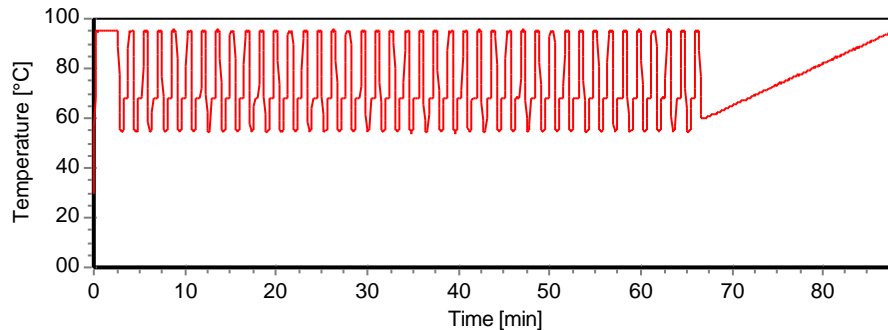
Quantification SYBR

Pos	Name	Ct SYBR	Ct Mean SYBR	Ct Dev. SYBR	Amount SYBR [Copies]	Amount Mean SYBR	Amount Dev. SYBR	Target SYBR
A1	CEWE_SK_2973	21.29	21.19	0.10	1.00			mouse
A2	CEWE_SK_2973	21.19	21.19	0.10	1.00			mouse
A3	CEWE_SK_2973	21.08	21.19	0.10	1.00			mouse
A4	CEWE_SK_2973	33.21	32.60	0.54	1.00			eimeria
A5	CEWE_SK_2973	32.42	32.60	0.54	1.00			eimeria
A6	CEWE_SK_2973	32.18	32.60	0.54	1.00			eimeria
A7	CEWE_SK_2977	21.37	21.07	0.35	1.00			mouse
A8	CEWE_SK_2977	20.68	21.07	0.35	1.00			mouse
A9	CEWE_SK_2977	21.16	21.07	0.35	1.00			mouse
A10	CEWE_SK_2977	32.11	32.77	0.73	1.00			eimeria
A11	CEWE_SK_2977	33.55	32.77	0.73	1.00			eimeria
A12	CEWE_SK_2977	32.66	32.77	0.73	1.00			eimeria
B1	CEWE_SK_3048	21.15	21.33	0.16	1.00			mouse
B2	CEWE_SK_3048	21.45	21.33	0.16	1.00			mouse
B3	CEWE_SK_3048	21.40	21.33	0.16	1.00			mouse
B4	CEWE_SK_3048	33.81	31.43	3.24	1.00			eimeria
B5	CEWE_SK_3048	27.74	31.43	3.24	1.00			eimeria
B6	CEWE_SK_3048	32.74	31.43	3.24	1.00			eimeria
B7	CEWE_SK_3050	21.17	21.17	0.08	1.00			mouse
B8	CEWE_SK_3050	21.24	21.17	0.08	1.00			mouse
B9	CEWE_SK_3050	21.09	21.17	0.08	1.00			mouse
B10	CEWE_SK_3050	33.34	33.63	0.25	1.00			eimeria
B11	CEWE_SK_3050	33.77	33.63	0.25	1.00			eimeria
B12	CEWE_SK_3050	33.78	33.63	0.25	1.00			eimeria
C1	CEWE_SK_3047	19.86	20.15	0.27	1.00			mouse
C2	CEWE_SK_3047	20.22	20.15	0.27	1.00			mouse
C3	CEWE_SK_3047	20.38	20.15	0.27	1.00			mouse
C4	CEWE_SK_3047	30.56	30.33	0.29	1.00			eimeria
C5	CEWE_SK_3047	30.42	30.33	0.29	1.00			eimeria
C6	CEWE_SK_3047	30.00	30.33	0.29	1.00			eimeria
C7	CEWE_SK_3032	20.69	20.61	0.18	1.00			mouse
C8	CEWE_SK_3032	20.73	20.61	0.18	1.00			mouse
C9	CEWE_SK_3032	20.40	20.61	0.18	1.00			mouse
C10	CEWE_SK_3032	34.76	34.38	0.51	1.00			eimeria
C11	CEWE_SK_3032	34.56	34.38	0.51	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	CEWE_SK_3032	33.80	34.38	0.51	1.00			eimeria
D1	CEWE_SK_3062	20.07	20.16	0.15	1.00			mouse
D2	CEWE_SK_3062	20.08	20.16	0.15	1.00			mouse
D3	CEWE_SK_3062	20.33	20.16	0.15	1.00			mouse
D4	CEWE_SK_3062	32.79	32.87	0.30	1.00			eimeria
D5	CEWE_SK_3062	33.20	32.87	0.30	1.00			eimeria
D6	CEWE_SK_3062	32.63	32.87	0.30	1.00			eimeria
D7	CEWE_SK_3063	21.00	21.15	0.15	1.00			mouse
D8	CEWE_SK_3063	21.15	21.15	0.15	1.00			mouse
D9	CEWE_SK_3063	21.30	21.15	0.15	1.00			mouse
D10	CEWE_SK_3063	33.86	33.79	0.25	1.00			eimeria
D11	CEWE_SK_3063	33.51	33.79	0.25	1.00			eimeria
D12	CEWE_SK_3063	33.99	33.79	0.25	1.00			eimeria
E1	CEWE_SK_3065	20.84	20.90	0.06	1.00			mouse
E2	CEWE_SK_3065	20.96	20.90	0.06	1.00			mouse
E3	CEWE_SK_3065	20.89	20.90	0.06	1.00			mouse
E4	CEWE_SK_3065	33.93	33.80	0.12	1.00			eimeria
E5	CEWE_SK_3065	33.68	33.80	0.12	1.00			eimeria
E6	CEWE_SK_3065	33.78	33.80	0.12	1.00			eimeria
E7	CEWE_SK_3068	22.37	22.44	0.09	1.00			mouse
E8	CEWE_SK_3068	22.40	22.44	0.09	1.00			mouse
E9	CEWE_SK_3068	22.54	22.44	0.09	1.00			mouse
E10	CEWE_SK_3068	34.46	33.83	0.56	1.00			eimeria
E11	CEWE_SK_3068	33.63	33.83	0.56	1.00			eimeria
E12	CEWE_SK_3068	33.40	33.83	0.56	1.00			eimeria
F1	CEWE_SK_3039	21.42	21.34	0.07	1.00			mouse
F2	CEWE_SK_3039	21.27	21.34	0.07	1.00			mouse
F3	CEWE_SK_3039	21.33	21.34	0.07	1.00			mouse
F4	CEWE_SK_3039	31.19	31.26	0.08	1.00			eimeria
F5	CEWE_SK_3039	31.25	31.26	0.08	1.00			eimeria
F6	CEWE_SK_3039	31.34	31.26	0.08	1.00			eimeria
F7	CEWE_SK_3064	19.01	19.19	0.21	1.00			mouse
F8	CEWE_SK_3064	19.13	19.19	0.21	1.00			mouse
F9	CEWE_SK_3064	19.42	19.19	0.21	1.00			mouse
F10	CEWE_SK_3064	34.55	34.05	0.61	1.00			eimeria
F11	CEWE_SK_3064	34.23	34.05	0.61	1.00			eimeria
F12	CEWE_SK_3064	33.38	34.05	0.61	1.00			eimeria
H1	NTC	35.84	36.13	0.41	-			mouse
H2	NTC	-	36.13	0.41	-			mouse

Pos	Name	Ct SYBR	Ct Mean SYBR	Ct Dev. SYBR	Amount SYBR [Copies]	Amount Mean SYBR	Amount Dev. SYBR	Target SYBR
H3	NTC	36.42	36.13	0.41	-			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
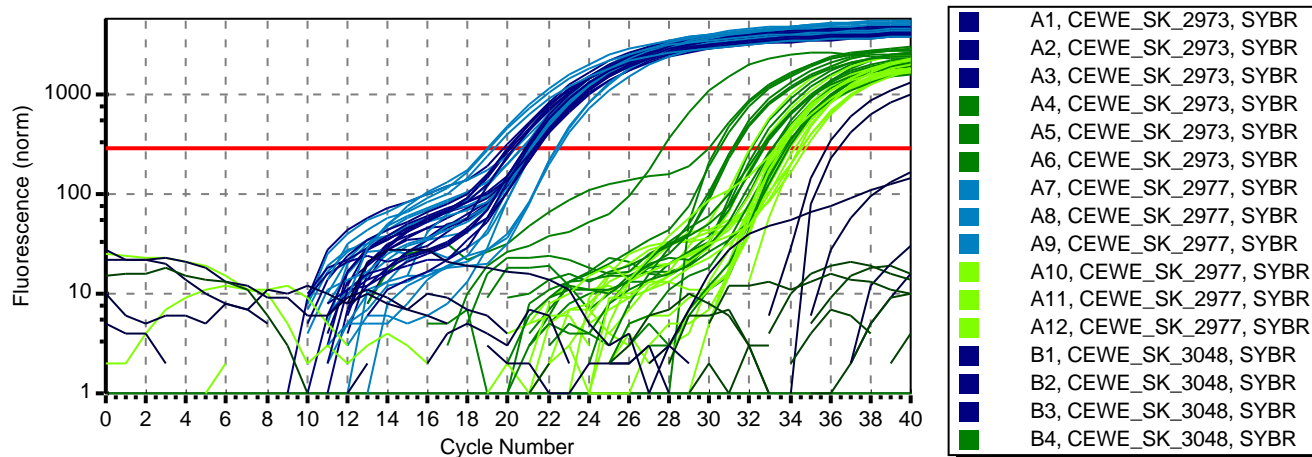
Threshold   296 (Noiseband)
Baseline   automatic, Drift correction OFF

Standard curve

Amount[Copies]

Slope	-	R^2	-
Y-Intercept	-	Efficiency	-
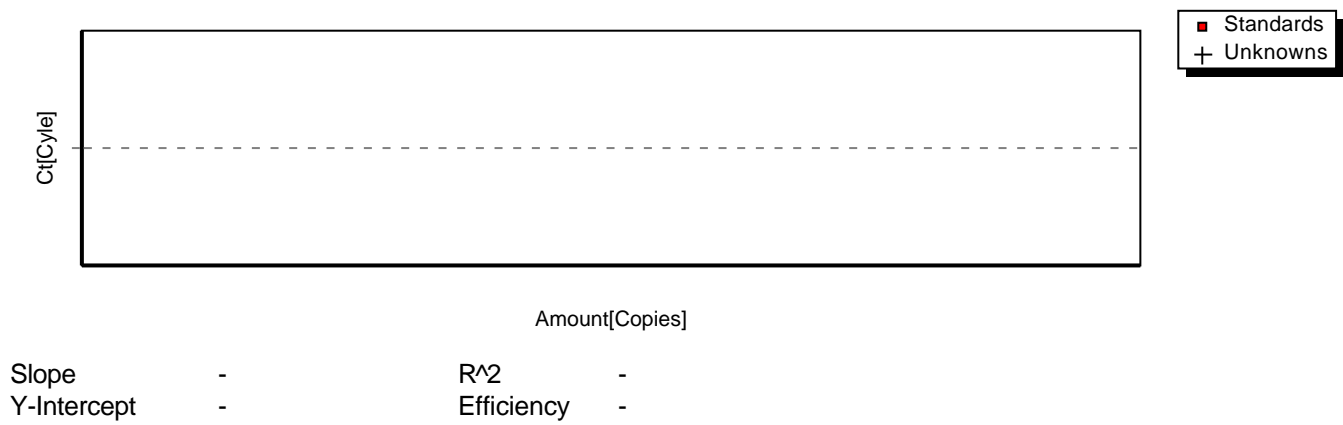
Melting Curve SYBR

Pos	Name	No. Tm SYBR	Tm x (°C) SYBR	Tm y (°C) SYBR	Mean SYBR	Dev. SYBR
A1	CEWE_SK_2973	1	80.3			
A2	CEWE_SK_2973	1	80.1			
A3	CEWE_SK_2973	1	80.0			
A4	CEWE_SK_2973	1	74.4			
A5	CEWE_SK_2973	1	74.6			
A6	CEWE_SK_2973	1	74.4			
A7	CEWE_SK_2977	1	80.0			
A8	CEWE_SK_2977	1	79.9			
A9	CEWE_SK_2977	1	79.9			
A10	CEWE_SK_2977	1	74.7			
A11	CEWE_SK_2977	0				
A12	CEWE_SK_2977	0				
B1	CEWE_SK_3048	1	80.2			
B2	CEWE_SK_3048	1	80.0			
B3	CEWE_SK_3048	1	80.0			
B4	CEWE_SK_3048	0				
B5	CEWE_SK_3048	0				
B6	CEWE_SK_3048	1	75.2			
B7	CEWE_SK_3050	1	79.9			
B8	CEWE_SK_3050	1	79.8			
B9	CEWE_SK_3050	1	79.5			
B10	CEWE_SK_3050	0				
B11	CEWE_SK_3050	0				
B12	CEWE_SK_3050	0				
C1	CEWE_SK_3047	1	79.7			
C2	CEWE_SK_3047	1	79.7			
C3	CEWE_SK_3047	1	79.6			
C4	CEWE_SK_3047	1	75.0			
C5	CEWE_SK_3047	1	75.0			
C6	CEWE_SK_3047	1	75.1			
C7	CEWE_SK_3032	1	79.8			
C8	CEWE_SK_3032	1	79.6			
C9	CEWE_SK_3032	1	79.5			
C10	CEWE_SK_3032	0				
C11	CEWE_SK_3032	1	78.2			
C12	CEWE_SK_3032	0				

Pos	Name	No. Tm SYBR	Tm x (°C) SYBR	Tm y (°C) SYBR	Mean SYBR	Dev. SYBR
D1	CEWE_SK_3062	1	79.6			
D2	CEWE_SK_3062	1	79.8			
D3	CEWE_SK_3062	1	79.6			
D4	CEWE_SK_3062	0				
D5	CEWE_SK_3062	0				
D6	CEWE_SK_3062	0				
D7	CEWE_SK_3063	1	79.5			
D8	CEWE_SK_3063	1	79.3			
D9	CEWE_SK_3063	1	79.4			
D10	CEWE_SK_3063	1	74.1			
D11	CEWE_SK_3063	0				
D12	CEWE_SK_3063	0				
E1	CEWE_SK_3065	1	79.6			
E2	CEWE_SK_3065	1	79.4			
E3	CEWE_SK_3065	1	79.6			
E4	CEWE_SK_3065	0				
E5	CEWE_SK_3065	0				
E6	CEWE_SK_3065	0				
E7	CEWE_SK_3068	1	79.1			
E8	CEWE_SK_3068	1	79.2			
E9	CEWE_SK_3068	1	79.2			
E10	CEWE_SK_3068	0				
E11	CEWE_SK_3068	1	79.5			
E12	CEWE_SK_3068	0				
F1	CEWE_SK_3039	1	79.6			
F2	CEWE_SK_3039	1	79.4			
F3	CEWE_SK_3039	1	79.6			
F4	CEWE_SK_3039	1	74.3			
F5	CEWE_SK_3039	1	74.2			
F6	CEWE_SK_3039	1	74.5			
F7	CEWE_SK_3064	1	79.3			
F8	CEWE_SK_3064	1	79.4			
F9	CEWE_SK_3064	1	79.4			
F10	CEWE_SK_3064	0				
F11	CEWE_SK_3064	0				
F12	CEWE_SK_3064	0				
H1	NTC	1	80.4		80.4	0.0
H2	NTC	0			80.4	
H3	NTC	0			80.4	
H4	NTC	0				

Pos	Name	No. Tm SYBR	Tm x (°C) SYBR	Tm y (°C) SYBR	Mean SYBR	Dev. SYBR
H5	NTC	0				
H6	NTC	0				
H7	water	0				
H8	water	0				
H9	water	0				
H10	water	0				
H11	water	0				
H12	water	0				

Melting curve

Threshold   33%