

Document Name: Cvika-sk\_2-SYBR\_GREEN-optimalizace-po\_analyze-19.1.2010.sds  
Plate Type: Absolute Quantification  
User: 7500RTPCR

Document Information

Operator: 7500RTPCR  
Run Date: Tuesday  
Last Modified: Tuesday  
Instrument Type: Applied Biosystems 7500 Real-Time PCR System

Comments:  
SDS v1.3.1

Thermal Cycler Profile  
Stage

1  
2  
3

4 (Dissociation)

Standard 7500 Mode  
Data Collection : Stage 3 Step 1  
PCR Volume: 25 µL

Well

A1  
A2  
A3  
A4  
A5  
A6  
B1  
B2  
B3  
B4  
B5  
B6  
C1  
C2  
C3  
C4  
C5  
C6  
D1  
D2  
D3  
D4  
D5  
D6  
E1  
E2  
E3  
E4

E5  
E6  
F1  
F2  
F3  
F4  
F5  
F6  
G1  
G2  
G3  
G4

January 19 2010 11:04:43  
 January 19 2010 13:11:46

Repetitions	Temperature	Time	Ramp Rate	Auto Increment
1	50.0 °C	2:00		100
1	95.0 °C	10:00		100
40	95.0 °C	0:15		100
	60.0 °C	1:00		100
1	95.0 °C	0:15	Auto	
	60.0 °C	1:00	Auto	
	95.0 °C	0:15	Auto	

Sample Name	Detector	Task	Ct	StdDev Ct	Qty	Mean Qty
F*0.5_R*0.5	SYBR green	Unknown		14	0.073	
F*0.5_R*0.5	SYBR green	Unknown		14.1	0.073	
F*0.5_R1.5	SYBR green	Unknown		12.91	0.082	
F*0.5_R1.5	SYBR green	Unknown		13.03	0.082	
F*0.5_R4.5	SYBR green	Unknown		12.69	0.175	
F*0.5_R4.5	SYBR green	Unknown		12.94	0.175	
F1.5_R*0.5	SYBR green	Unknown		13.63	0.096	
F1.5_R*0.5	SYBR green	Unknown		13.77	0.096	
F1.5_R1.5	SYBR green	Unknown		12.46	0.068	
F1.5_R1.5	SYBR green	Unknown		12.37	0.068	
F1.5_R4.5	SYBR green	Unknown		12.16	1.195	
F1.5_R4.5	SYBR green	Unknown		10.47	1.195	
F4.5_R*0.5	SYBR green	Unknown		13.67	0.052	
F4.5_R*0.5	SYBR green	Unknown		13.59	0.052	
F4.5_R1.5	SYBR green	Unknown		12.46	0.18	
F4.5_R1.5	SYBR green	Unknown		12.21	0.18	
F4.5_R4.5	SYBR green	Unknown		13.84	2.33	
F4.5_R4.5	SYBR green	Unknown		10.54	2.33	
F*0.5_R*0.5	SYBR green	NTC		34.6	0.306	
F*0.5_R*0.5	SYBR green	NTC		34.17	0.306	
F*0.5_R1.5	SYBR green	NTC		32.6	0.51	
F*0.5_R1.5	SYBR green	NTC		31.88	0.51	
F*0.5_R4.5	SYBR green	NTC	Undetermined			
F*0.5_R4.5	SYBR green	NTC		32.45		
F1.5_R*0.5	SYBR green	NTC		33.62	0.595	
F1.5_R*0.5	SYBR green	NTC		32.78	0.595	
F1.5_R1.5	SYBR green	NTC		31.66	1.484	
F1.5_R1.5	SYBR green	NTC		29.56	1.484	

F1.5_R4.5	SYBR green	NTC	32.21	0.046
F1.5_R4.5	SYBR green	NTC	32.27	0.046
F4.5_R*0.5	SYBR green	NTC	33.19	0.605
F4.5_R*0.5	SYBR green	NTC	32.33	0.605
F4.5_R1.5	SYBR green	NTC	31.05	0.069
F4.5_R1.5	SYBR green	NTC	31.14	0.069
F4.5_R4.5	SYBR green	NTC	31.8	0.068
F4.5_R4.5	SYBR green	NTC	31.9	0.068
F2_R*2 - noRT	SYBR green	NTC	20.32	0.1
F2_R*2 - noRT	SYBR green	NTC	20.18	0.1
F*2_R2 - no RNA	SYBR green	NTC	30.03	0.142
F*2_R2 - no RNA	SYBR green	NTC	30.23	0.142

StdDev	Qty	Filtered	Tm
			79.5
			79.5
			79.8
			79.8
			79.8
			79.8
			79.8
			79.8
			80.2
			80.2
			80.2
			80.2
			79.8
			80.2
			80.2
			80.2
			79.2
			80.5
			79.2
			79.5
			79.5
			79.5
			83.9
			79.5
			79.5
			79.5
			79.8
			79.8

79.5  
79.5  
79.2  
79.5  
79.8  
79.8  
79.8  
79.8  
79.5  
79.8  
79.8  
79.8