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per 1 ul		ul	x 80		Master Mix		
0.52	water	5.2	water	309.76	ul		
0.52	Sybr	5.2	Sybr	464	ul		
0.01	2F 100 uM	0.1	Primer1	37.12	ul		
0.01	2R 100 uM	0.1	Primer2	37.12	ul	for wells	
	Total (per well)	**10.6**	**Total**	**928**	**ul**	848	
	+						
	sample	1					
	N. Standards	5					
	N. Samples	32		64			
	Total Number (x2)	72					

Name	Number
Std 1e7	1
Std 1e7	2
Std 1e6	3
Std 1e5	5
Std 1e4	7
Std 1e5	6
Std 1e4	7
Std 1e4	8
Std 1e3	9
Std 1e3	10
ntc	11
ntc	12
ppc1	13
ppc1	14
ppmc2	15
ppmc2	16
ppmc3	17
ppmc3	18
ppmc4	19
ppmc4	20
ppmc5	21
ppmc5	22
ppmc6	23
ppmc6	24
ppmc7	25
ppmc7	26
ppmc8_5x(	27
ppmc8_5x(	28
ppmc10	29
ppmc10	30
ppmc17	31
ppmc17	32

Name	Number
ppmc18_5)	33
ppmc18_5)	34
ppmc20_5)	35
ppmc20_5)	36
ppmc21	37
ppmc21	38
ppmc24	39
ppmc24	40
ppmc25	41
ppmc25	42
ppmc28	43
ppmc28	44
ppmc29	45
ppmc29	46
ppsample2	47
ppsample2	48
f1	49
f1	50
f1-2	51
f1-2	52
f2_5xdil	53
f2_5xdil	54
f2-2_5xdil	55
f2-2_5xdil	56
f3	57
f3	58
f4	59
f4	60
f4-2	61
f4-2	62
ppmc12	63
ppmc12	64

Name	Number
ppmc13_5)	65
ppmc13_5)	66
ppmc15	67
ppmc15	68
ppmc16_5)	69
ppmc16_5)	70
	71
	72

Stock:		primer vol	final vol	final (uM)	back_check
5	uM	37.12	928	0.2	0.2

primer final concentration

1 uM

hold	95	10'	
denature	95	10''	
annealing/sy	72	30''	x40

melt curve

34

1.00E+08

0.2

s