

2018-04-17

per 1 ul

ul

0.52 water  
 0.52 Sybr  
 0.01 2F 100 uM  
 0.01 2R 100 uM  
**Total (per we**  
 +  
 sample  
 N. Standards  
 N. Samples  
 Total Number

5.2  
 5.2  
 0.1  
 0.1  
**10.6**  
 1  
 5  
 32  
 72

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x 80

Master Mix

water 309.76 ul  
 Sybr 464 ul  
 Primer1 37.12 ul  
 Primer2 37.12 ul  
**Total 928 ul**

for wells  
 848

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
6pp7	13
6pp7	14
6pp8	15
6pp8	16
6pp10.2	17
6pp10.2	18
6ppp10Ad1:5	19
6ppp10Ad1:5	20
6pp10Bd1:5	21
6pp10Bd1:5	22
6pp10Cd1:5	23
6pp10Cd1:5	24
6pp10Dd1:5	25
6pp10Dd1:5	26
6pp10Ed1:5	27
6pp10Ed1:5	28
6pp11	29
6pp11	30
6pp13d1:5	31
6pp13d1:5	32

Name	Number
6pp14d1:5	33
6pp14d1:5	34
6pp14B	35
6pp14B	36
6pp15Ad1:5	37
6pp15Ad1:5	38
6pp15Bd1:5	39
6pp15Bd1:5	40
6pp15Cd1:5	41
6pp15Cd1:5	42
6pp15Dd1:5	43
6pp15Dd1:5	44
6pp16d1:5	45
6pp16d1:5	46
6PP18d1:5	47
6PP18d1:5	48
6PP21d1:5	49
6PP21d1:5	50
6pp23d1:5	51
6pp23d1:5	52
6pp26d1:5	53
6pp26d1:5	54
6pp27d1:5	55
6pp27d1:5	56
6pp28d1:5	57
6pp28d1:5	58
6pp29	59
6pp29	60
6pp30d1:5	61
6pp30d1:5	62
6pp31d1:5	63
6pp31d1:5	64

Name	Number
6ppS1d1:5	65
6ppS1d1:5	66
6ppS2d1:5	67
6ppS2d1:5	68
f2d1:5	69
f2d1:5	70
f2.2d1:5	71
f2.2d1:5	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'		x40
denature	95 10"		
annealing/s	72 30"		

melt curve

34

1.00E+08

0.2

s