

per 1 ul ul

0.5 Sybr

0.01 675R 100 uM

Total (per well)

+

sample

N. Standards

N. Samples

Total Number (x2)

Name	Number
Std 1e6	1
Std 1e6	2
Std 1e5	3
Std 1e5	4
Std 1e4	5
Std 1e4	6
Std 1e3	7
Std 1e3	8
d02	9
d02	10
2M2	11
2M2	12
14M2	13
14M2	14
4M2	15
4M2	16
8M2	17
8M2	18
9M2	19
9M2	20
cab2m2	21
cab2m2	22
c2m2	23
c2m2	24
2m9	25
2m9	26
14m9	27
14m9	28
4m9	29
4m9	30
8m9	31
8m9	32

x 50	Master Mix
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water

5

Sybr

0.1

Primer1 100

0.1

Primer2 100

10

Total

264 ul

275 ul

5.5 ul

5.5 ul

550 ul

[illegible]

primer concentration

Stock:	primer vol	final vol	final C
100 uM	6.6	660	1

primer final concentration

1 uM

hold 95 10'

denature 95 10"

annealing 62 23"

synth 72 23"

melt curve

x40 ! Original assay says 67 C, since I didn't get much using no

1.00E+08

normal pcr at 67, I've done 62, consider of increasing temperature