

10x PCE buff	2.5	$\times 6 = 15.0$
10mM dNTP	0.5	$= 3.0$
$P_F$	0.5	$= 3.0$
$P_R$	0.5	$= 3.0$
polymerase	0.2	$= 1.2$
$MgCl_2$	0.75	$= 4.5$
$H_2O$	19.05	$\downarrow = 114.3$

+ 1  $\mu$ l template

1.5 $\mu$ l Ev2.28 @ 131.14	} 5.0 $\mu$ l	} 5.0 $\mu$ l	} 5.0 $\mu$ l
8.5 $\mu$ l $H_2O$			
<hr/> 10.0 $\mu$ l @ 40 ng/ $\mu$ l	5.0 $\mu$ l $H_2O$	5.0 $\mu$ l $H_2O$	5.0 $\mu$ l $H_2O$
	<hr/> 10 $\mu$ l @ 20 ng/ $\mu$ l	<hr/> 10 $\mu$ l @ 10 ng/ $\mu$ l	<hr/> 10 $\mu$ l @ 5 ng/ $\mu$ l
$\downarrow$	$\downarrow$	$\downarrow$	$\downarrow$
load 1 $\mu$ l	load 1 $\mu$ l	load 1 $\mu$ l	load 1 $\mu$ l

\* (serial dilutions)\*