

BglII&SacI Double Digest

16/12/2015

16/12/2015 10:54

SacI&BglII First Step					
crp2 (cln5)	260 ng/uL		crp11	250 ng/uL	
Reaction vol 70 uL			Reaction vol 70 uL		
nuclease-free water	47.2	uL	nuclease-free water	47.2	uL
Tango Buffer	7	uL	Tango Buffer	7	uL
Plasmid purified DNA, buff elut	10	uL	Plasmid purified DNA	10	uL
2X SacI	2.8	uL	2x Sac I	2.8	uL
Total:	67	uL	Total:	67	uL

Mass 0 2.6 ug Mass 0 2.5 ug

SacI&BglII Second step				
crp2 (cln5)	clones	260 ng/uL	crp11	pcr184 250 ng/uL
Reaction vol		25 uL	Reaction vol 25 uL	
Reaction volume from before		67 uL	Reaction volume from before 67 uL	
Tango Buffer		8.375 uL	Tango Buffer 8.375 uL	
BglII		1.4 uL	BglII 1.4 uL	
Total:		76.775 uL	Total: 76.775 uL	

<https://www.thermofisher.com/ca/en/home/brands/thermo-scientific/molecular-biology/thermo-scientific->

[illegible]

80 C 20 min

SacII					
crp2_secondSubCloning	250 ng/uL		Controls	150 ng/uL	
Reaction vol		25 uL	Reaction vol		25 uL
nuclease-free water		15 uL	nuclease-free water		14 uL
10X Buffer O		2 uL	10X Buffer O		2 uL
Plasmid purified DNA, buff elut		2 uL	Plasmid Purified DNA		3 uL
SacII		1 uL	SacII		1 uL
Total:		20 uL	Total:		20 uL

Mass 0 0.5 ug Mass 0 0.45 ug