

31/03/2016

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Additive: DMSO		5	%		
50 uL	1X_65ul 1.5ul Mg+	1	x	Master Mix (no primers)	
4 x					
Amount	Compound			Amount	Compound
32 uL	ddH ₂ O	0.64		128 uL	ddH ₂ O
2.5 uL	DMSO 100%	0.05		10 uL	DMSO 100%
5 uL	10x PCR buffer	0.1		20 uL	10x PCR buffer
4 uL	dNTPs (2.5mM each)	0.08		16 uL	dNTPs (2.5mM each)
3 uL	MgCl ₂	0.06		12 uL	MgCl ₂
1 uL	Pf, 5µM	0.02		4 uL	Pf, 5µM
1 uL	Pr, 5 µM	0.02		4 uL	Pr, 5 µM
1 uL	DNA template	0.02		4 uL	DNA template
0.5 uL	Polymerase	0.01		2 uL	Polymerase
50 uL	Total	1		200 uL	Total per tube ul:
				44	50

Two reactions with A,B, and C,D primers: crp mutants screening

Long extention time crp2-1, crp11-1 From plate colonies tested 61.5C

Notes:

61.5C
2 BL2 AB primers
3 crp11-1 CD primers
4 BL2 CD primers

Additive: DMSO		0	%		
0 uL	1X_65ul 1.5ul Mg+	1ul	x	Master Mix (no primers)	
6 x					
Amount	Compound			Amount	Compound
0 uL	ddH ₂ O	0.69		0 uL	ddH ₂ O
0 uL	DMSO 100%	0		0 uL	DMSO 100%
0 uL	10x PCR buffer	0.1		0 uL	10x PCR buffer
0 uL	dNTPs (2.5mM each)	0.08		0 uL	dNTPs (2.5mM each)
0 uL	MgCl ₂	0.06		0 uL	MgCl ₂
0 uL	Pf, 5µM	0.02		0 uL	Pf, 5µM
0 uL	Pr, 5 µM	0.02		0 uL	Pr, 5 µM
0 uL	DNA template	0.02		0 uL	DNA template
0 uL	Polymerase	0.01		0 uL	Polymerase
0 uL	Total	1		0 uL	Total mm per25 ul:
				0	0