Kazu Buffer Feedback Form

Name: Julia Lambret Frotte

Lab: Brutnell lab

Material: Setaria leaf tips

Primer set: Hyg Duplex PCR for transformation confirmation (SvF e SvR + HPTR e HPTF)

Insert specific primer (Fw annealing my promoter + Rv annealing YFP)

Amplification size (kb): 0.3 – 1.5Kb

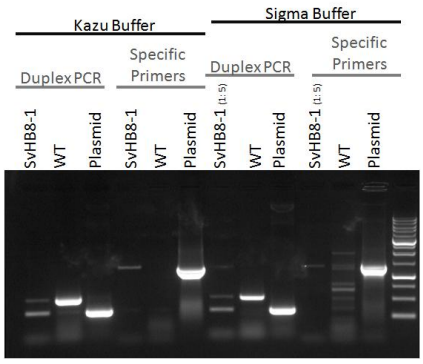
PCR taq: GoTaq

PCR amplification:

Reagent	Volume
Kazu DNA extract	2.5 µl
Taq	0.25 µl
Forward primer	1.0 µl
Reverse primer	1.0 µl
5x Green Buffer	4.0 µl
MgCl2	1.2 µl
H_2O	9.55 µl
Total volume	20 µl

Step	Temperature	Time	Cycles
Initial Denaturation	95℃	5 min	N/A
Denaturation	95℃	0.5 min	30
Annealing	58℃	0.5 min	
Extension	72℃	1 min	
Final Extension	72℃	10 min	N/A
Hold	℃	min	N/A

PCR Gel Picture:



Would you prefer using Kazu Buffer over your current lab DNA extraction protocol? **x Yes** **☐ No**

Why or why not?

Easier and faster to extract than the Sigma Buffer. Also allows more flexibility than the SigmaBuffer, that apparently only works with the amplification mix provided in the kit.

Other Comments: