Kazu Buffer Feedback Form

Name: Christine Shyu

Lab: Brutnell Lab

Material: Setaria seedlings

Primer set: mPing & gene specific AC69

Amplification size (kb): 300 or 720 bp

PCR taq: GoTaq premix

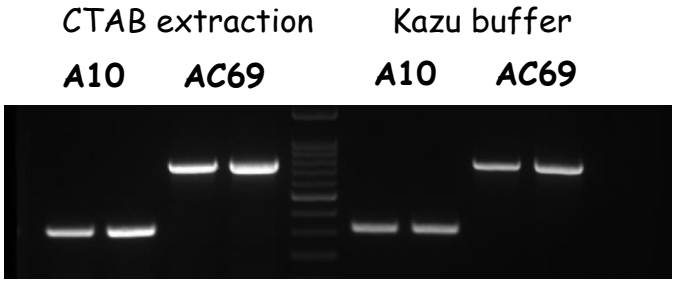
PCR amplification:

Reagent	Volume
Kazu DNA extract	2.5 µl
Taq premix	7.5 µl
Primer mix	5 µl
	µl
	µl
	µl
	µl
Total volume	15 µl

Step	Temperature	Time	Cycles
Initial Denaturation	95°C	3:00 min	N/A
Denaturation	95°C	00:30 min	35
Annealing	55°C	00:30 min	
Extension	72°C	1:00 min	
Final Extension	72°C	5:00 min	N/A
Hold	12°C	forever	N/A

PCR Gel Picture:

Genotyping results with same plants using different DNA extraction methods



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

Why or why not?

It's much faster and easier.

Other Comments:

DNA concentration is very low, but seems to be enough for PCR. If the concentration could be improved, more researchers would be able to use it for other purposes such as Southern blotting, etc.