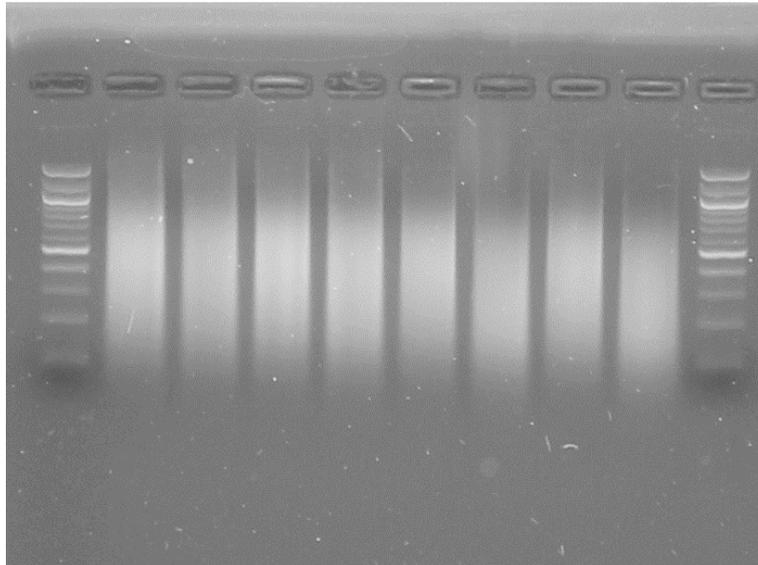


Plant Tissue Genomic DNA Shearing for SNP Enrichments

Example protocols and results are based on customer feedback.



Protocol:

Cell Type: Plant Tissue Genomic DNA (Leaves)

Sample Lysis Solution: ddH₂O

Total Sample Volume: 1ug of DNA in 100ul

Sonicator Amplitude Setting: 25%

Sonication Pulse Rate: 10 seconds On, 10 seconds Off

Total Sonication On Time: 3 minutes, 30 seconds

Sample Process Temperature: 3°C

Customer Notes:

- The Sonication is easily done and repeatable. Once in a while I would get a sample that was highly degraded which could not be sonicated, but that was due to the initial sample quality.
- A total volume of 1ug was placed in the tubes and standardized to 100ul total volume.
- Used USA Scientific, 0.2ml Tubes, Ref# 1402-3900