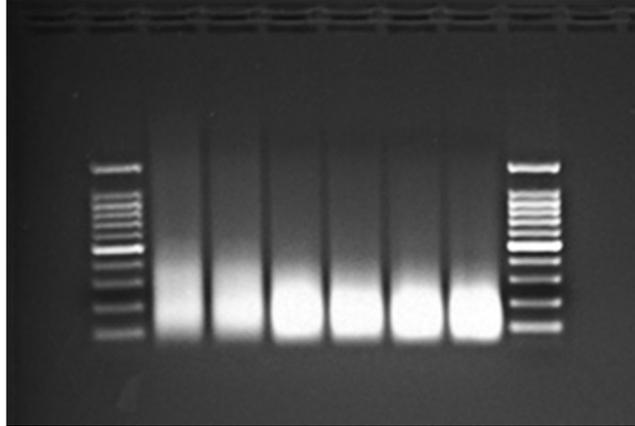


Chromatin Shearing

Example protocols and results are based on customer feedback.



Marker: 100bp, 200bp, 300bp, 400bp, 500bp starting from the bottom.

Protocol:

Sample Type: CH12 cell, 1.2×10^7

Sample Volume: 300 μ l

Sonicator Amplitude Setting: 80%

Sonication Pulse Rate: 20 seconds ON, 40 seconds OFF

Total Sonication ON Time: 10min, 14min, 18min, 22min, 26min, 30min from left

Sample Process Temperature: 8C - controlled by Chiller

Customer Notes:

Target fragment: 100-300bp

Using 500ul pcr tubes

Image from Dr. Luo