After sonicating the DNA we need to do a quick quality check on a gel.

Making a 1.3% agarose gel:

1. 100 ml 1X TAE in a flask
2. 1.3 g agarose mixed into TAE
3. 5 ul SybrSafe mixed into Agarose
4. Pour into mold with 15 well comb
5. Allow gel to stiffen

Loading the Gel:

1. 5 ul O’GeneRuler 100 bp Ladder in First and Last Well
2. 20 ul sample mix with 5 ul loading dye
3. Load 25 ul dye/sample in each well

Running gel:

1. 120 v for 30 mins
2. Visualize with Dark reader with orange filter.
3. Image for notebook

Order of gel lanes top to bottom = left to right

Nf05

Nf07

Nf12

Nf15

Hl24

Hl26

Hl28

Hl31

Sn01

Sn04

Sn08

Sn15