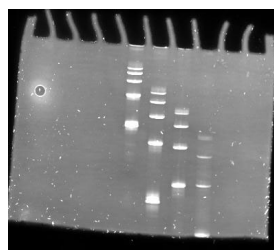
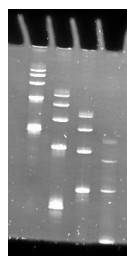


## APPENDIX VI. Creating Figures

- Crop rotate and adjust brightness and contrast to focus reader and provide appropriate resolution



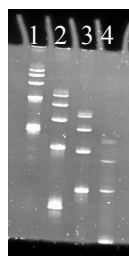
before



after

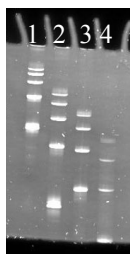
- Provide a title and label lanes. Generally use Times or Arial font in 20-24 point

## RNA Size Standards



- Indicate identity and concentration of sample in each lane

## RNA Size Standards



2  $\mu$ g RNA/lane

Lane 1: 20 minute run time

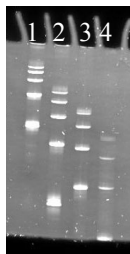
Lane 2: 40 minute run time

Lane 3: 60 minute run time

Lane 4: 80 minute run time

- Indicate gel composition and electrophoresis conditions. Report staining/visualization method.

## RNA Size Standards

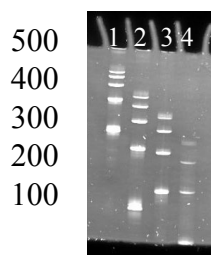


2  $\mu$ g RNA/lane  
Lane 1: 20 minute run time  
Lane 2: 40 minute run time  
Lane 3: 60 minute run time  
Lane 4: 80 minute run time

6% acrylamide, 8M urea, 1x TBE, 200V, SYBR Gold stained

- Add additional information as appropriate

## RNA Size Standards

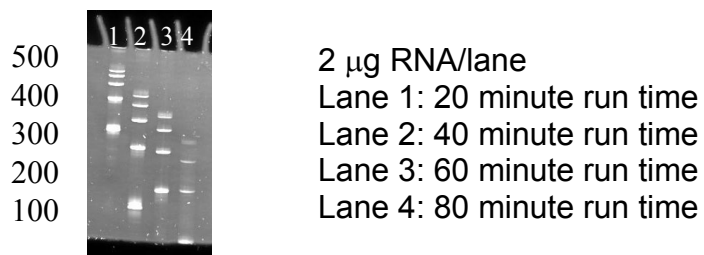


2  $\mu$ g RNA/lane  
Lane 1: 20 minute run time  
Lane 2: 40 minute run time  
Lane 3: 60 minute run time  
Lane 4: 80 minute run time

6% acrylamide, 8M urea, 1x TBE, 200V, EtBr stained

- Write a descriptive caption that interprets the results of the figure

## RNA Size Standards



6% acrylamide, 8M urea, 1x TBE, 200V, EtBr stained

Figure 1. Effect of time on the resolution of RNA size standards. The 40 minute run time shown in lane 2 shows optimal resolution of all five RNA fragments.