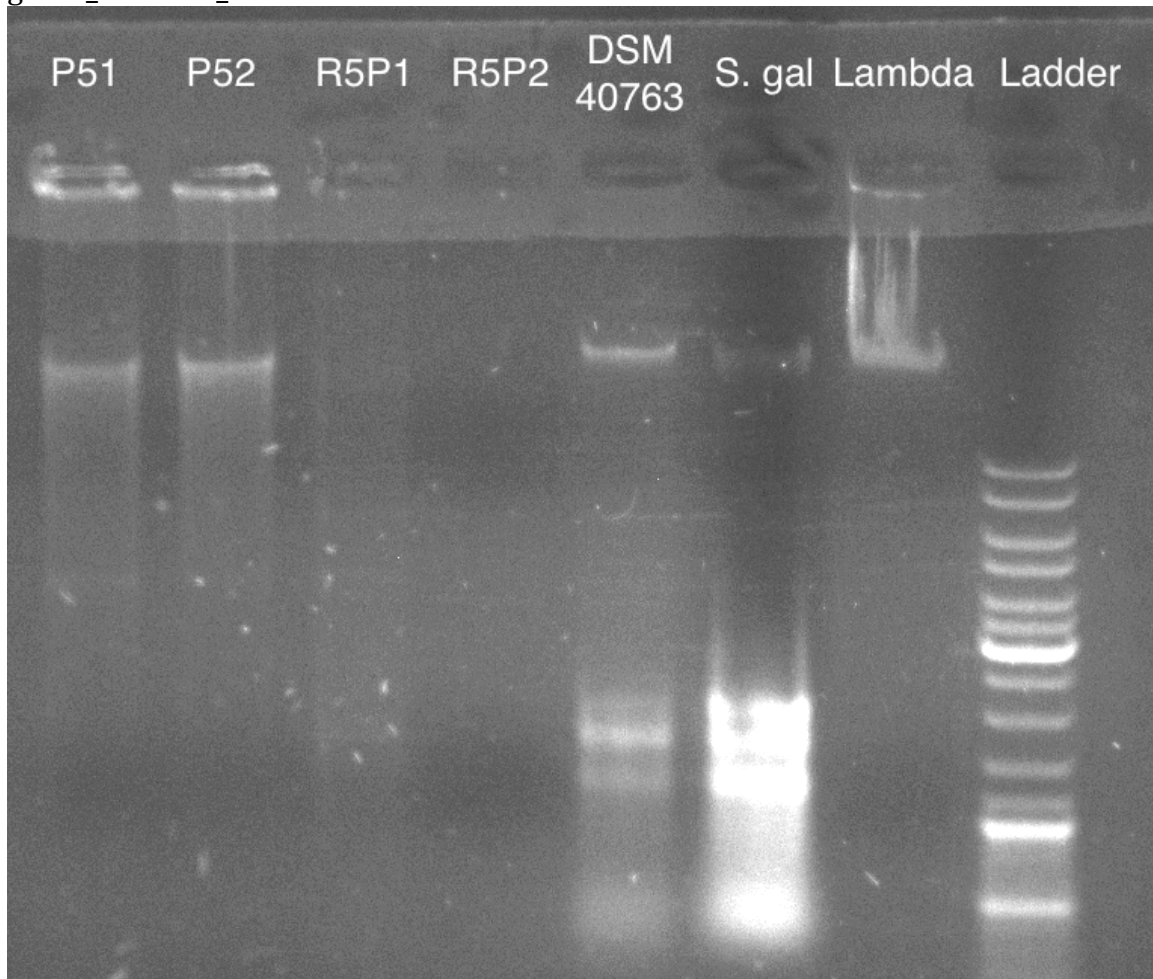


## Gel Protocol and Analysis

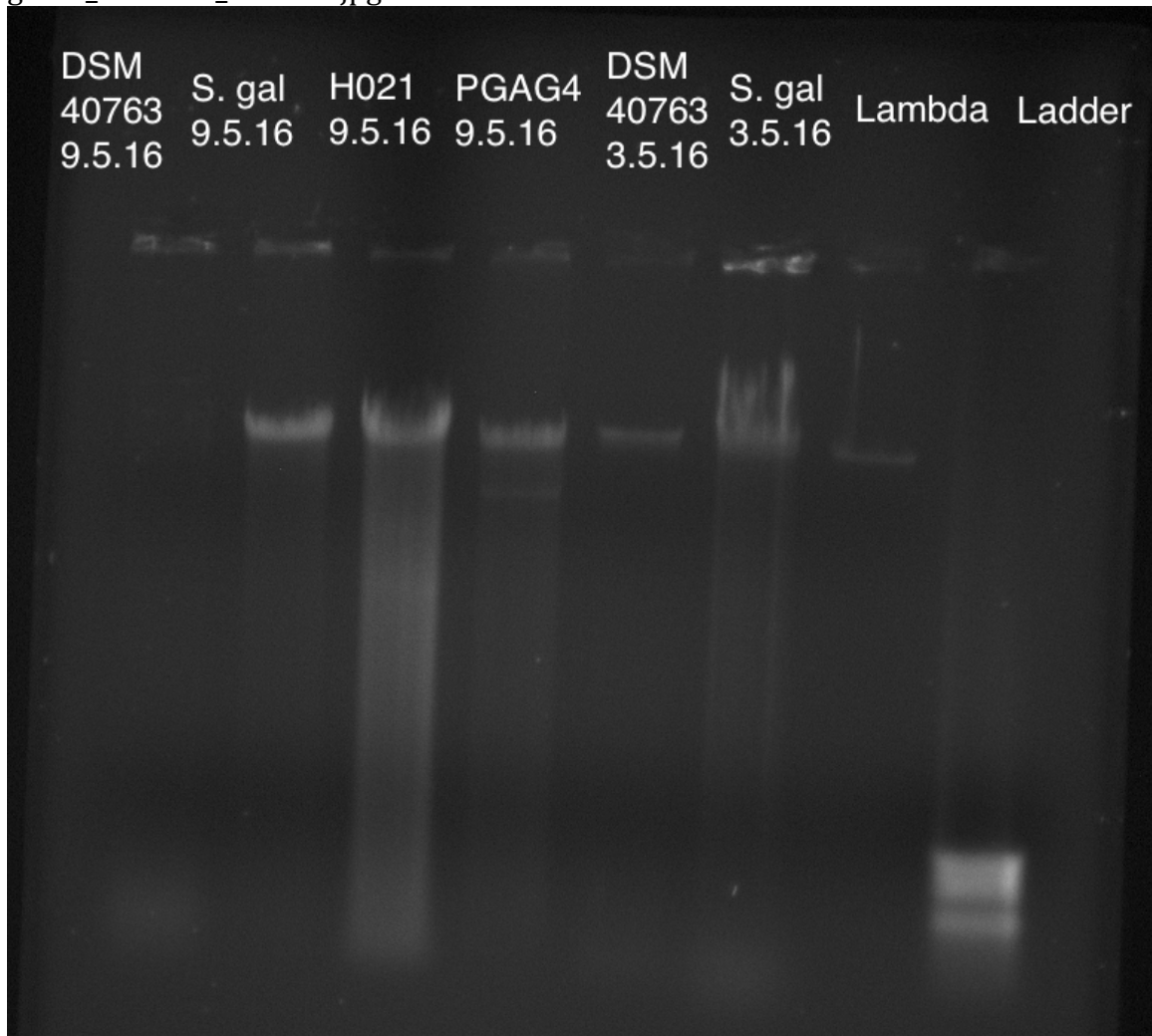
0.5% agarose gel (0.25g agarose + 50ml 1xTAE buffer)  
Load each lane with 2 $\mu$ l DNA + 8  $\mu$ l H<sub>2</sub>O + 2  $\mu$ l Loading Dye  
Except Lambda DNA (0.5  $\mu$ l  $\lambda$ DNA + 9.5  $\mu$ l H<sub>2</sub>O + 2  $\mu$ l LD)  
Run for approximately 45 mins

gDNA\_isolation\_040516.tif



- P51 and P52 show high MW (possibly more DNA than indicated previously)
- Almost nothing shown for R5P1 and R5P2
- DSM and S.gal probably contain RNA since RNase wasn't added originally

gDNA\_isolation\_100516.jpg



- RNase was added to the DSM and S.gal samples extracted on 3.5.16; it appears the lower bands from the previous image were RNA since they are now gone
- All samples appear to contain very high MW DNA