## [PLNT2530 Plant Biotechnology](http://home.cc.umanitoba.ca/~frist/PLNT2530/)

# **Lab - Genomic DNA**

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This assignment is worth 30 points.

### **1. (18 points) DNA purification**

*see worksheet for results*

Include in your report the photo of the gel below (from 2022). What do the results show, versus what we should expect to see? If results were unexpected, explain what why they are different, and what might be a possible problem causing the observed results?

**2. (12 points) Purification steps**

**For each of the following, state which components you think are in the different phases:**

* **aqueous**
* **interface**
* **organic**
* **pellet1**
* **supernatant**
* **pellet 2**

**Very briefly state your rationale for each choice.**

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