

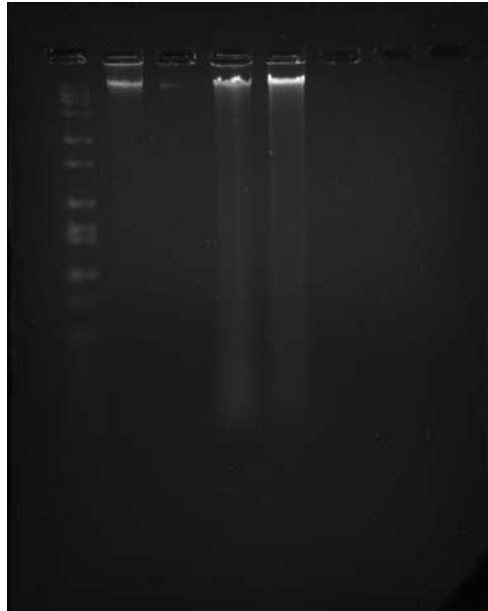
## Gels of Genomic DNA – Key

The class poured 0.8% agarose gels in 1X TBE buffer, used 3ul of the Bionexus All Purpose Hi-Lo DNA ladder as markers (50,100,200,300,400,500,750, 100, 2k,3k,4k,6k,8k, 10k sizes). It was recommended that students load between 0.5 and 1ug of DNA (according to the Nanodrop readings). Gels were run at 40V for 4h. Dr. Weller imaged them, destained them to lower the background, and imaged them again (the latter being the images posted).

Following are thumbnails of the gels and the lane descriptions left me by the teams. Images for analysis are separately linked.

Team I: Adam and Matthew

Lane:	1	2	3	4	5	6	7	8
Sample:	L	Soy	0.1xSoy	Phas	0.1xPhas	-	-	L



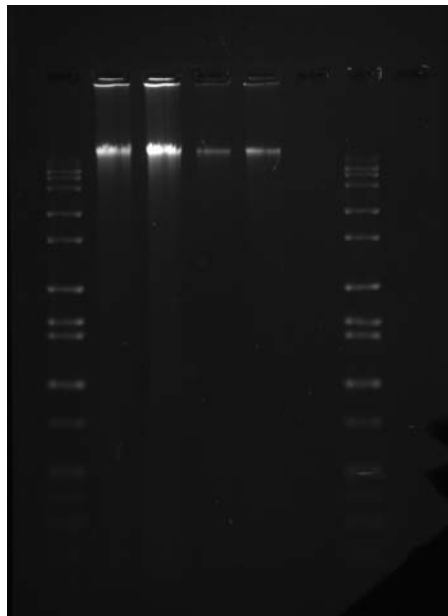
Team 2: Kyle and Xiao

Lane:	1	2	3	4	5	6	7	8
Sample:	-	-	-	-	L	Soy	Phas	L



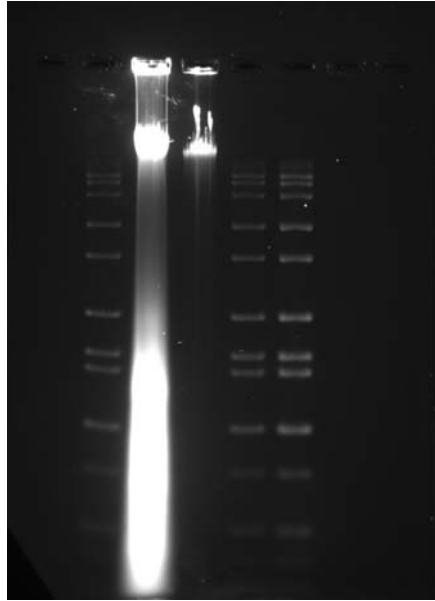
Team 3: Tiffany and Jack (units in ug)

Lane:	1	2	3	4	5	6	7	8
Sample:	L	S1(1)	S1(2)	S1P2(1)	S1P2(2)	-	L	-



Team 4: Dr. Loraine (units in ul)

Lane:	1	2	3	4	5	6	7	8
Sample:	L(3)	S4(16)	P4(16)	L(3)	L(6)	-	-	-



Team 5: Jason and Dan

Lane:	1	2	3	4	5	6	7	8
Sample:	-	L	S	P1	P1(2)	L	-	-

