

GENETICS 302
SAMPLE FIRST NOTEBOOK GRADE SHEET

STUDENT ASSISTED GRADING: Check approp. box:

- Table of Handouts: pages 9, 10, 14-24, 28, 29 (How many pgs missing?)
- Personal Table of Contents: typed, each page #ed, topic, dated
- 2nd Cell Notebook Gradesheet, (or handout pgs 11-13): page: _____
- New wordstem list: last page, typed, appropriately dated
- Gradeslips: frnt name, slips 1, 2, 3, 4 (circle missing slip, check # missing)

OK	-1	-2	-3	-4	Fank help?
					/4
					/4
					/2
					/2
					/5

Sum of earned points: 17 - _____ = _____

page no:

	excel	good	avg
1st			
2nd			
3rd			
4th			
5th			

Enter page numbers

- If you have more than five, pick your *best* *five* for review.
- (Typed for extra 3pts)

SUGGESTIONS/CONCLUSION:

- Conclusions** drawn, improvements in protocols offered. Errors and/or problems spelled out?
- Suggestions** for further experiments are thoughtful, new ideas presented.
- Typed on single page, cross ref'd to approp'te page.

page in NB	OK	-1	-2	-3	-4
1					
2					
3					
4					
5					
6					
7					

ENTRIES & ILLUSTRATIONS:

- Species sprouted: obser'ns & results, daily stages, etc
- Thymus DNA Isol'n stages: treatment of tube after centrfgn
- Onion Root tip chromos, 4 stages, (-2 if not *yours*)
- Notes and illustrations of dissection of *D.m.* salivary glands
- Polytene chromosomes: detail, stain, magnification, source
- Complete data: DNA you prepared & electrophoresed
- electrophoresis equipt: power supply, cord colors, tank

GRAPHS
meaningful title
ref'd to orig data
proper graph size
intervals 1,2,5 or 10
coordinates labeled
correct data plots
interpreted

excel adeq ops!

NOTEBOOK ENTRIES, OVERALL:

Table page i		
pg ii		

- Handout Table filled in:** All protocols * permanently mounted with non-embossed contact paper. **Title** for each handout, between lines 1 & 3.
- Your Tbl of Contents:** Typed, single spaced, dated, mounted in front pages.
- Pen permanent, black and fine,** (not ball point) used for all entries.
- Dates for each entry,** top L. Odd pages *clearly* numbered, top R.
- Title for each page:** meaningful & in CAPS. Entries start below line 9.
- Labeled cross ref's** for each page (protocols, illustrations, data, etc) line 6.
- Fresh page** for each expt. Adequate open space. Numerical data offset.
- Suggestions and/or conclusions** (scoring based on table above)
- Care shown in presentation.** Detailed data entered *directly* → book.
- Features explained** (& colored?). Additional non-required materials?

(_____ x2) + _____ = _____ x 8 = _____

Number of check "pluses:" _____ x (+3) = _____

Number of check "minuses": # of deficient pts = _____

Student graded points = 17 - _____ = _____

Illustration points = 23 - _____ = _____

	Notebook procedure, overall
	Notebook procedure: bonus points
	Notebook procedure: demerits
	Student assisted (fr table at top)
	Illustration points
	Total points earned (at top of page)

NB: Mount this NBGS in your Notebook for your 2nd Genetics NB, mounted = 2 points.

Jar for sprouting: labeled nylon, ring and mason jar

Strains sprouted: what you sprouted, obser'ns & results species, all stages, etc

Thymus DNA Isolation stages: treatment of tube after centrfgn

Onion Root tip chromos, 4 stages, (-2 if not *yours*)

Root Tip chromos species II, 4 stages, (-2 if not *yours*)

Description of gel well-filling practice and conclsn

Complete data: DNA you prepared & electrophoresed

Detailed description gel prep, tray, comb, agar

ethidium bromide structure, details on its danger

electrophoresis equipt: power supply, cord colors, tank

Illus: electrophoresis gel, DNA digests, fully labeled