

Statistical Analysis of Genetic Data
Math 155, Spring 2008
Jo Hardin
tentative schedule

Week	Topic	Chapters	Note
1/22/08	Intro / History	1-2	
1/29/08	Technical Details / Image Processing	3	
2/05/08	Gridding	5	MAGIC Tool
2/12/08	Normalization	12	R tutorial
2/19/08	Normalization	10.1-10.5	
2/26/08	Measuring Microarray Data		
3/04/08	Experimental Design	8	know chps 4-6
3/11/08	Differential Expression	13.1-13.5	
3/18/08			No Class – spring break
3/25/08	SAM		
4/01/08	Multiple Comparisons	9	
4/08/08	Distances / Intro Clustering	11	
4/15/08	HOPACH	(12/13 Bioinf book)	
4/22/08	PAM		
4/29/08	ROC curves / Cross validation		
4/31/08 & 5/7/08	Presentations		
	No final exam		