Lab Report III Rubric, MMG408 FS2019

Total of 30 pts: Report, 22.5 pts + Primer Project, 7.5 pts

Section	Score
Title (0.5 pts) **0.5 pt –** Descriptive title, not plagiarized from lab manual Include: Course title, section, name, lab partner(s), date	
Introduction (5 pts) **2.5 pts –** Present *relevant background* of the experimental question (**why** did we study this?) **2 pts –** Propose a *clear* and *meaningful* prediction for the study **0.5 pts –** Reference at least **3 relevant primary research articles** (not including lab manual)	
Materials and Methods (1 pts) **0.5 pt –** One very brief paragraph describing the experiment performed **0.5 pt –** Reference where methods come from (lab manual, others?) Mark changes to any methods followed	
Results (5 pt) **3 pts –** All relevant figures and tables present **2 pts –** Each results is *described in the main text* but doesn't repeat headers/footers/**METHODS**	
Discussion (8 pt) **2 pts –** Insightful interpretation of your results **2 pts –** Explanation of how results fit with *your prediction* **2 pts –** Compare and contrast your **results** to primary relevant research (Do your results make sense?) **1.5 pt –** Present a logical next experimental question outside of those performed in this study **0.5 pts –** Reference at least **3 primary research articles**	
References (1 pt) **1 pt –** ASM format followed	
Formatting (2 pt) **1 pt –** Concise, but clear **1 pt –** Organized, correct grammar and spelling, attention to scientific formatting (e.g. *genX*, ProteiN, correct capitalization)	
Primer Report (7.5 pts)	