Project #1 Genome Assembly

Objective,

Perform a genome assembly of the ***Amycolatopsis orientalis* subsp. *orientalis* Strains DSM 43388 and DSM 46075**

Using the following paper as a reference and for a source of data.

http://genomea.asm.org/content/1/4/e00545-13.long

Choose only one of the two strains to assemble and compare

**Write-up sections**

**Background** – Provide a brief description of the project that gave rise to the data being analyzed. Provide enough information to give the reader a general feel for why the work was being performed and expectations.

**Analysis Objectives**  - Describe the analysis objectives to the reader. The objectives will determine what data analysis techniques are going to be performed.

**Data Description** – Description of the Data generated in the paper (e.g., library types, platform, experimental design, expected coverage, etc.). Comment on the experimental design/sequencing.

**Methods** – Tell the reader what it is you did

**Results/Conclusions** – Results of data analysis/methods, comparison to the original analysis