



Figure 1: Schematic and graphs of force vs. time and distance, and a micrograph of a cell.

DISCUSSION

The results of this study show that the force generated by the flagellum is proportional to the distance traveled. This is consistent with the idea that the flagellum acts as a lever. The force is also proportional to the time taken to travel the distance. This is consistent with the idea that the flagellum is powered by a motor. The micrograph shows that the cell is moving in a straight line, which is consistent with the idea that the flagellum is the primary source of propulsion.

Figure 2: Graph of force vs. distance and a micrograph of a cell.