

Scatter plot showing the relationship between  $\log_{10}(\text{FC})$  (x-axis) and  $-\log_{10}(\text{p-value})$  (y-axis) for the top 100 differentially expressed genes. The y-axis ranges from 0 to 10, and the x-axis ranges from -4 to 4. The plot shows a dense cluster of points on the left (low  $\log_{10}(\text{FC})$ ) and a few points on the right (high  $\log_{10}(\text{FC})$ ).

# Predicted Labels

## Actual Labels