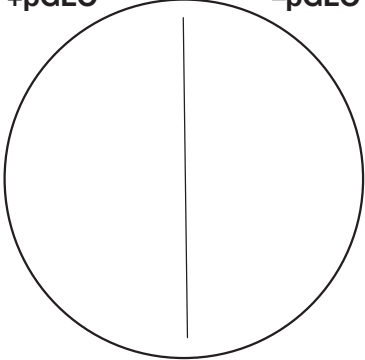
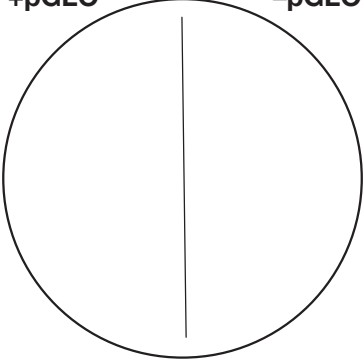


Results Analysis

Gather your plates from the previous activity. Keep the lids on while you inspect them. Use a UV light to check for fluorescence.

B. In Table 2 below, sketch and describe your results from the transformation activity. Draw any growth and include labels.

Table 2. Results from the bacterial transformation activity.

<p>LB plate (LB)</p> <p style="text-align: center;">+pGLO -pGLO</p> 	<p>LB plate with ampicillin (LB/amp)</p> <p style="text-align: center;">+pGLO -pGLO</p> 
<p>Description</p>	<p>Description</p>
<p>Differences from prediction in Table 1</p>	<p>Differences from prediction in Table 1</p>

C. In Table 2, describe any differences between your predictions in step A and your actual results.

D. Before you started the transformation activity, what did both plates have in common?

E. Before you started the transformation activity, what was different between the two plates?

Look at the bacterial growth on each plate. You may see two types of growth: individual circles of bacteria called colonies and areas where there are so many colonies that they merge together. That is called a bacterial lawn.

F. On your plates, where was there no bacterial growth?

G. On your plates, where did bacteria grow as colonies?

H. On your plates, where did bacteria grow as a lawn?