

Featured scientists: Dr. Trey Sato and Dr. Audrey Gasch

1. What scientific question are the scientists trying to answer in this experiment?
2. What is the hypothesis? Find the hypothesis in the Research Background and underline it. A hypothesis is a proposed explanation for an observation, which can then be tested with experimentation or other types of studies.

Yeast strain	Time (hrs)	Xylose (g/L)	Ethanol (g/L)
Parent	0	22.86	0.01
Parent	14	22.81	0.18
Parent	19	22.79	0.18
Parent	20	22.74	0.18
Parent	32	22.75	0.21
Evolved	0	22.54	0.01
Evolved	14	19.75	1.06
Evolved	19	17.85	1.77
Evolved	20	17.05	2.19
Evolved	32	7.95	6.41

(b) \_\_\_\_\_

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Section: \_\_\_\_\_

Graphing and interpreting data: Draw a graph of the data using the space below.



