

Transcription and translation videos

Genetics 101 Part One

http://www.youtube.com/watch?v=ubq4eu_TDFc

This short 4 ½ minute video clip gives a great description of DNA, genes, and how they function in making us a unique organism. Great visuals to help students understand some key concepts for Bacterial Transformations. This video is part 1 of 5 of a collaboration by Khan Academy and 23andMe.

DNA, Hot Pockets, & The Longest Word Ever: Crash Course.

<https://www.youtube.com/watch?v=itsb2SQR-R0>

This 14 minute video is much more detailed than is necessary for our lab, but if you or any of your students want more information on transcription and translation, this would be a great video to watch. The hot pocket analogies are pretty good!

Interactive Animation from University of Utah Health and Sciences

<http://learn.genetics.utah.edu/content/molecules/transcribe/>

This interactive site allows students to complete the steps of DNA transcription and translation. The activity will take approximately 10 minutes to complete and is worth the exercise!