

The DNA Files:

Workshops and Activities



The DNA Files Workshops are an outreach component of the third DNA Files radio series produced by SoundVision Productions with funding from the National Science Foundation, the U.S. Department of Energy, the National Institutes of Health, and the Alfred P. Sloan Foundation.

DNA Basics Plus

Workshop Preparation and Materials List

Workshop Preparation

Acquire all materials on the Materials List

Comparing DNA: Cut DNA strips and fold all but the human ones until small. Place in bowl or bag for distribution

Materials List

Evolution:

Activity #5 Natural Selection and genetic drifting

Pictures of moths on light & dark backgrounds

At least 13 each blue and yellow stones

Two dice

Comparing DNA:

Activity #5 Matching up conserved DNA

DNA sequence strips--vertebrates

DNA sequence strips--primates

DNA sequence strips--all organisms

A bowl, bag or hat to pick DNA strips from

Genetics of Climate Change:

Activity #5 What is climate change and how will it affect us?

A warm blanket

Flipchart, whiteboard, blackboard and

Ordering Information	Price (before tax & shipping)
download from web	
www.megaglass.com 55439 and 55456	\$3.24 and \$5.37 80 stones
www.amazon.com B000QDKZN8	\$1.49/5 dice
download from web	
download from web	
download from web	
Self-provided	
Self-provided	