

## CWSF 2008 - Ottawa, Ontario



### Hailey Alexander, Jenna Dimler

#### Lost in Transcription? The Effects of Mutations Through Eukaryotic Gene Expression

**Division:** Biotechnology / None

**Category:** Intermediate

**Region:** Central Interior British Columbia

**City:** Prince George, BC

**School:** Westside Academy

**Abstract:** This project has been done to study the effects of mutagens on eukaryotic cells through working with yeast cells. For the experiment a number of different possible mutagens were chosen to induce into a strain of yeast cells to determine the effect.

#### Biographies

Hailey - I have many hobbies including drawing, performing arts, and science. In 2007 I competed in the music festival in two categories: classical and musical theatre receiving honours in the classical category and was awarded to be an observer in BC Performing Arts 2007. This year I received two honour awards, one in musical theatre and in the classical category. I have accomplished different levels of voice lessons and I am presently in grade 6. Another hobby is acting. I participated in two musicals in the city which included acting, dancing and singing. I have participated in science fair for approximately 6 years. These two previous years we hav...

Jenna - From playing piano to organizing items and information I have quite a variety of things that interest me. I like to draw, play piano, perform, organize, do science, read, etc. My favourite country is Germany but I would love to see ALL of Europe one day. I have participated in a variety of recitals, exams, and a few competitions for my piano. I've won three medals for music festival and have done two practical examinations. In regard to science, I have now been to the CISE science fair five times. Last year My partner Hailey and I won two awards for our science fair project and this year we won four major awards including the best in Health S...