

CWSF 2007 - Truro, Nova Scotia



Derek Ling, Cody O'Neil

Mysteries of Life: Phylogenetic Analysis of mRNA & Protein

Division: Biotechnology / None

Category: Intermediate

Region: Central Okanagan

City: Kelowna, BC

School: Dr. Knox Middle School

Abstract: Our project compared the gene sequences from several Homo sapiens to corresponding genes in lower-class primates. This was performed for both mRNA and protein bases. From doing this, we can determine the similarities in external and internal functions of the body through homologistic analysis.

Biography

My name is Derek Ling, and I am 14 years old. I'm in the 9th grade and go to Dr. Knox Middle School in Kelowna, BC. I like to play basketball and have been in a basketball league called the "Legends". Some of my hobbies are hanging out with friends, playing guitar, and of course, playing basketball. I've been to the Canada-Wide Science Fair in Vancouver(2005), as well as the one in Saguaney, Quebec(2006). After high school, I plan on going to University, but I haven't decided what I want to be when I get older.