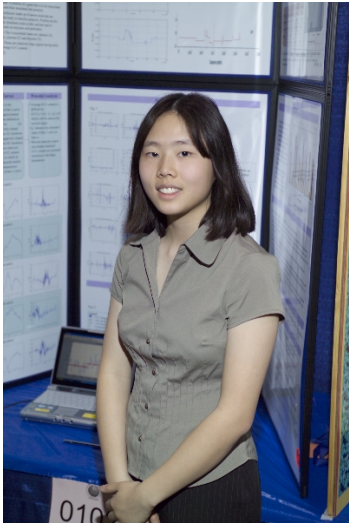


CWSF 2006 - Saguenay, Québec



Jennifer Kwan

Isochore Analysis of Arabidopsis thaliana Chromosomes

Division: Biotechnology

Category: Intermediate

Region: Windsor

City: Windsor, ON

School: Massey S.S.

Abstract: This project studies a wavelet denoising technique to reveal distinct guanine (G) and cytosine (C) regions within the Arabidopsis thaliana plant chromosomes. This technique provides a clear indication of gene boundaries, some of which agree with existing genes, and nearly all identified gene regions show an above average G+C content.