CWSF 2007 - Truro, Nova Scotia

Komal Siddiqui

Splice of Life

Division: Biotechnology / None
Category: Intermediate
Region: Lambton County
City: Sarnia, ON
School: Northern C.I. & V.S.

Abstract: The purpose of this project was to show how recombinant DNA technology can work leading to transformation. It demonstrated the effectiveness of rDNA technology and explored its many applications. E. coli were transformed using plasmids of Vibrio fischeri, called pVIB. Four agar plates were set up ? LB+, LB+ w/Amp, LB-, and LB- w/Amp. It was concluded that rDNA technology does work leading to transformation.

Biography

My name is Komal Siddiqui; I am a student at N.C.I.V.S. in Sarnia, Ontario.2007 is my second year entering the local science fair and I was very pleased to be selected to go to CWSF. I like to participate in competitions that test my abilities and challenge me to push myself further. Some recent contests I have taken part in involve The Royal Canadian Legion Public Speaking Contest, Desktop Publishing Contest, Canadian Mathematics Competitions, and of course the Science Fair! I like to volunteer my time in the community. I have been volunteering since I was 11. I spend most of my time volunteering at the hospital or at the local library where I am a member of the Teen Advisory Group (TAG). Through TAG I help organize events for teens. I have donated my hair to cancer. I am interested in doing calligraphy, writing stories, painting, dance, and drama. I am also on the badminton and tennis team at school. This summer I am looking forward to attending MedQuest (science summer camp). One day I hope to find a job in the medical field, specifically pediatric studies.