

My name is Evelin González, I am a Bioinformatics Engineer from the University of Talca. I finished my studies in 2015. I have had the opportunity to work on different scientific projects that involve bioinformatics and genomics, like differential expression analysis (RNA-Seq) in fruits. Additionally, I have worked on the microbiome and metagenomic analysis in human samples. For the last three years I have developed bioinformatics projects in biomedicine. I worked as a research assistant in the Cancer Genomics Laboratory, University of Chile. In charge of the development of TumorSec. A bioinformatic package for the analysis and search of somatic variants in cancer patients. We analyze samples of different types of cancer from more than 200 Chilean patients. I am currently working on the Pan-cancer project "Discovery of New Genomic Alterations in Cancer Patients from South America," analyzing more than 2,000 tumor samples to identify new and known mutations in driver genes. The objective is to identify new processable mutations in known cancer driver genes present in NGS Assay and build a database of genomic variation for cancer genes in Chile, Peru, and Brazil.