

By Ram Samudrala of the University of Washington
Description of Songs:

This song is a complex and 100 programmatic transformation of protein structures into music. My program takes a protein structure and looks at the sequence and structures and calculates distances between the as well as the energies between them based on the residue identity to create notes chords drum beats guitar solos that are all played together. This particular track is called Translation representing the structure with PDB ID 1ctf from the album Proteomusic: Twisted Music Inspired by Genomes and Proteomes by TWISTED HELICES.