

**PROCESS AND SYSTEM FOR ANALYZING THREE-DIMENSIONAL
STRUCTURE SIMILARITIES OF PROTEINS AND IDENTIFYING THREE-
DIMENSIONAL STRUCTURE MOTIFS OF PROTEINS AND THEIR
APPLICATIONS**

ABSTRACT

The present invention provides a process for analyzing three-dimensional (3D) structure similarities between a plurality of proteins, a process for generating a three-dimensional (3D) structure motif from a plurality of proteins, and a process for predicting the allergenicity of a query protein. The present invention further provides an article of manufacture that is capable of performing the processes.

FIG 5