Figure 2: PyMOL structural analysis of Mtb Hsp65 and human GAD65.

A: Protein structure of human GAD65 PDB ID: 20KK [31] B: Protein structure of Mtb Hsp65 PDB ID:3RTK [30]. Highlighted regions represent the amino acids that were identical between GAD65 and MAP Hsp65 by BLAST analysis. Mtb Hsp65 and MAP Hsp65 are 100% homologous in this 16 amino acid region