**Supplementary figure.1** I-TASSER and Rosetta to predict the 3D structure of GPR1. The 7 transmembrane domain of proteins encoded by *GPR1*-va variants, and the 4 transmembrane domain of proteins encoded by *GPR1*-vb variants. (A) I-TASSER to predict the structure of GPR1. (B) Rosetta to predict the structure of GPR1.