

# Protective effect of Genistein against compound 48/80 induced anaphylactoid shock via inhibiting MAS related G protein-coupled receptor X2 (MRGPRX2)

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Figure S1.

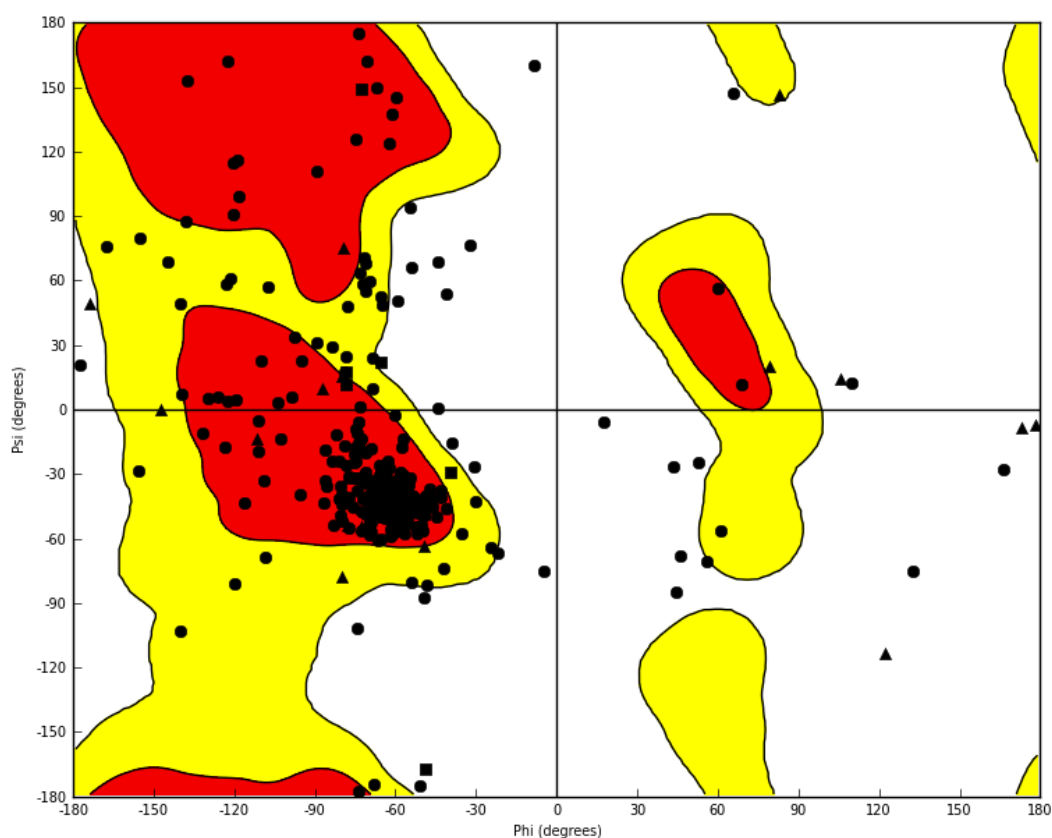


Figure S1. Ramachandran plot depicting 99.3% residues in favored and allowed region with only 2 amino acid residues as outlier. The calculation was performed by the RAMPAGE: Assessment of Ramachandran Plot.

Figure S2.

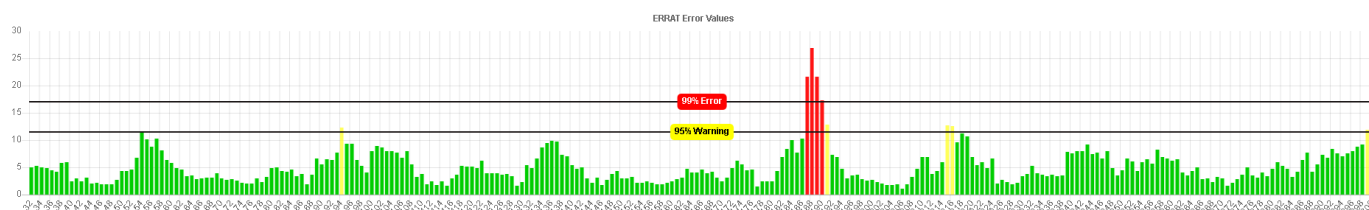


Figure S2. ERRAT score helps in analyzing statistics of non-bonded interactions between different atom types. The model presented overall quality factor as 96.283. The calculation was made by the help of SAVES server.

Table S1: Depicts the sequence similarity, Z score, C score and ERRAT quality factor of selected template

Sequence similarity	Query Coverage	Z Score	C Score	ERRAT Quality Factor
30%	84%	3.01	1.06	96.283