**Supplementary material: Supplementary figure legends**



**Supplementary Fig. S1.** Effects of administration of Triton X-100 at single as well as multiple doses on serum TC level of the rats.

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**Supplementary Fig. S2.** Molecular size and surface area of the active molecules cardamom extract. (MW: molecular weight; SAS: solvent accessible surface area).



**Supplementary Fig. S3.** Predicted binding pockets of HMG-CoA receptor. CASTp and MetaPocket predicted pockets are mapped onto the 3D surface of the HMG-CoA receptor protein. CASTp and MetaPocket predicted pockets that are located at the similar region and overlaps significantly are considered consensus pockets.