

## **Supporting Information**

### **An investigation into SARS-CoV-2 resistance of compounds in garlic essential oil**

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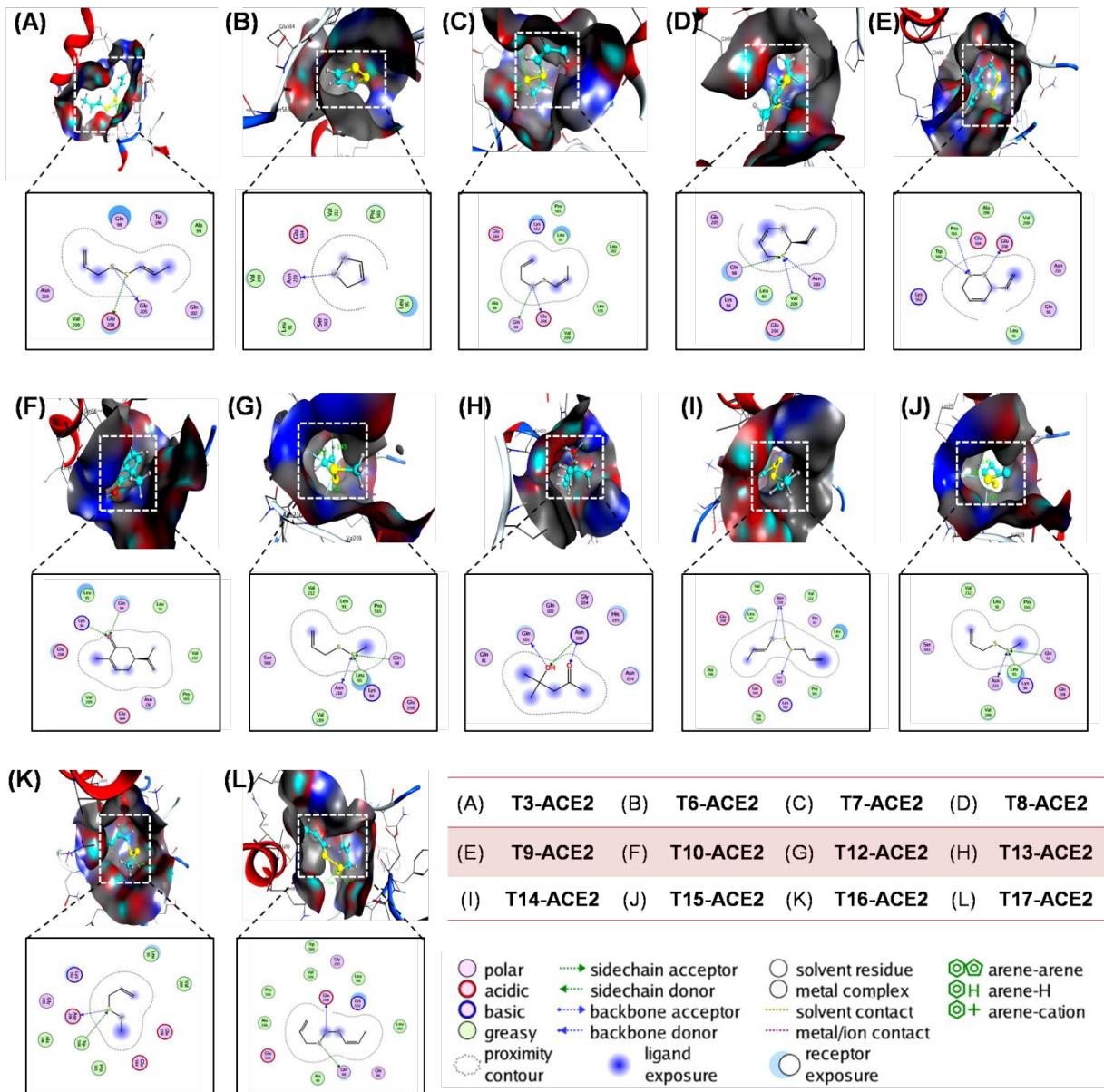
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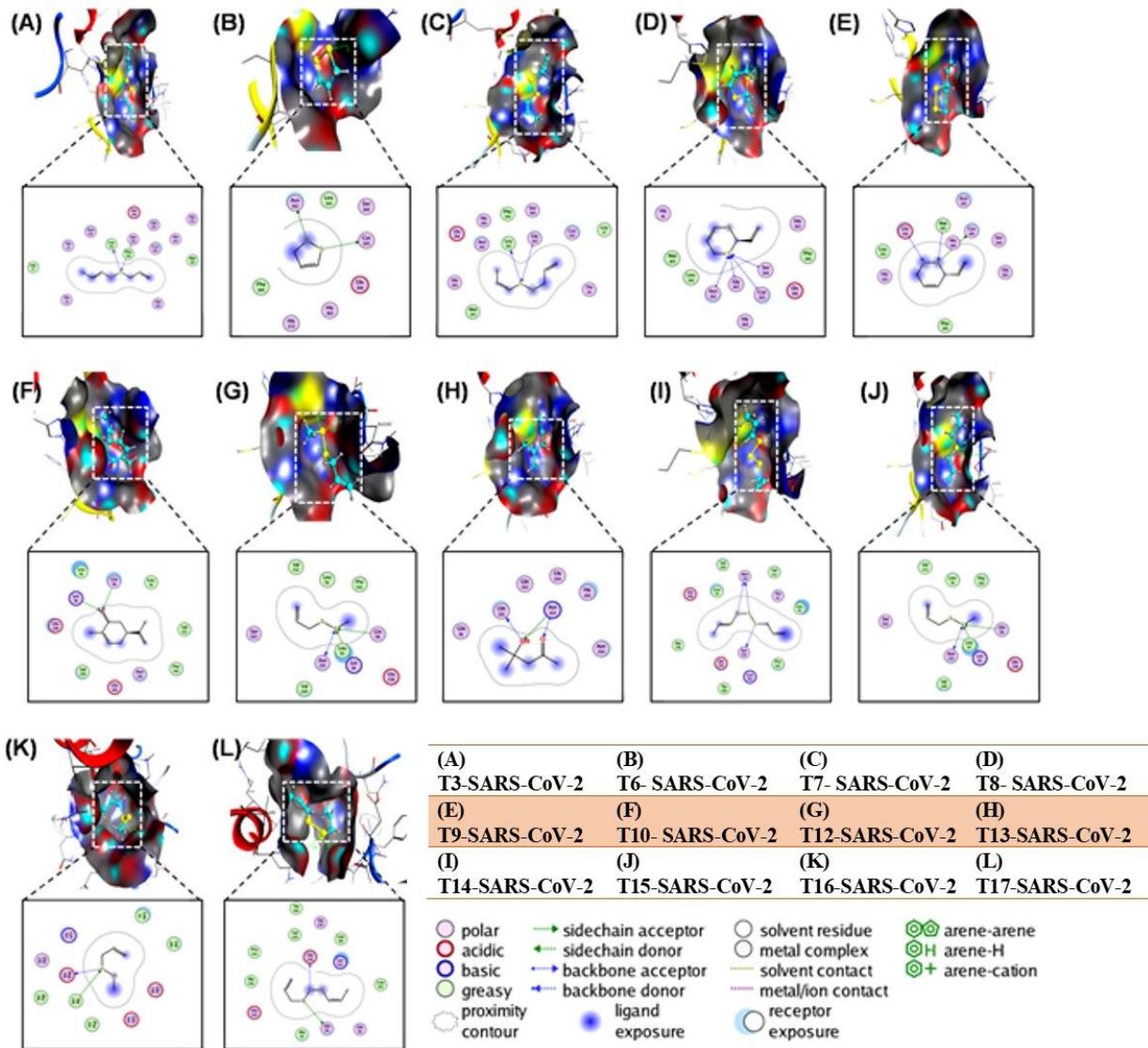
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**Figure S1.** Docking simulation with the interaction between compounds **T3, T6 – T10, T12 – T17** and the Angiotensin-Converting Enzyme 2 (ACE2) protein in human body: (A) T3-ACE2; (B) T6-ACE2; (C) T7-ACE2; (D) T8-ACE2; (E) T9-ACE2; (F) T10-ACE2; (G) T12-ACE2; (H) T13-ACE2; (I) T14-ACE2; (J) T15-ACE2; (K) T16-ACE2; (L) T17-ACE2. The inhibitory effects of compounds on the ACE2 protein: **T8 > T9 > T12 > T13 > T14 > T15 > T3 > T7 > T10 > T16 > T17 > T6**.



**Figure S2.** Docking simulation with the interaction between compounds T3, T6 – T10, T12 – T17 and the PDB6LU7 protein of the SARS-CoV-2: (A) T3-SARS-CoV-2; (B) T6- SARS-CoV-2; (C) T7- SARS-CoV-2; (D) T8- SARS-CoV-2; (E) T9-SARS-CoV-2; (F) T10- SARS-CoV-2; (G) T12-SARS-CoV-2; (H) T13-SARS-CoV-2; (I) T14-SARS-CoV-2; (J) T15-SARS-CoV-2; (K) T16-SARS-CoV-2; (L) T17-SARS-CoV-2. The inhibitory effects of compounds on the PDB6LU7 protein of the SARS-CoV-2: **T15 > T8 > T16 > T9 > T12 > T13 > T3 > T6 > T7 > T10 > T14 > T17**.