

Supplementary Materials

Rose-derived extracellular vesicle-like particles enable anti-melanogenesis by suppressing the key melanogenic pathway in skin cells

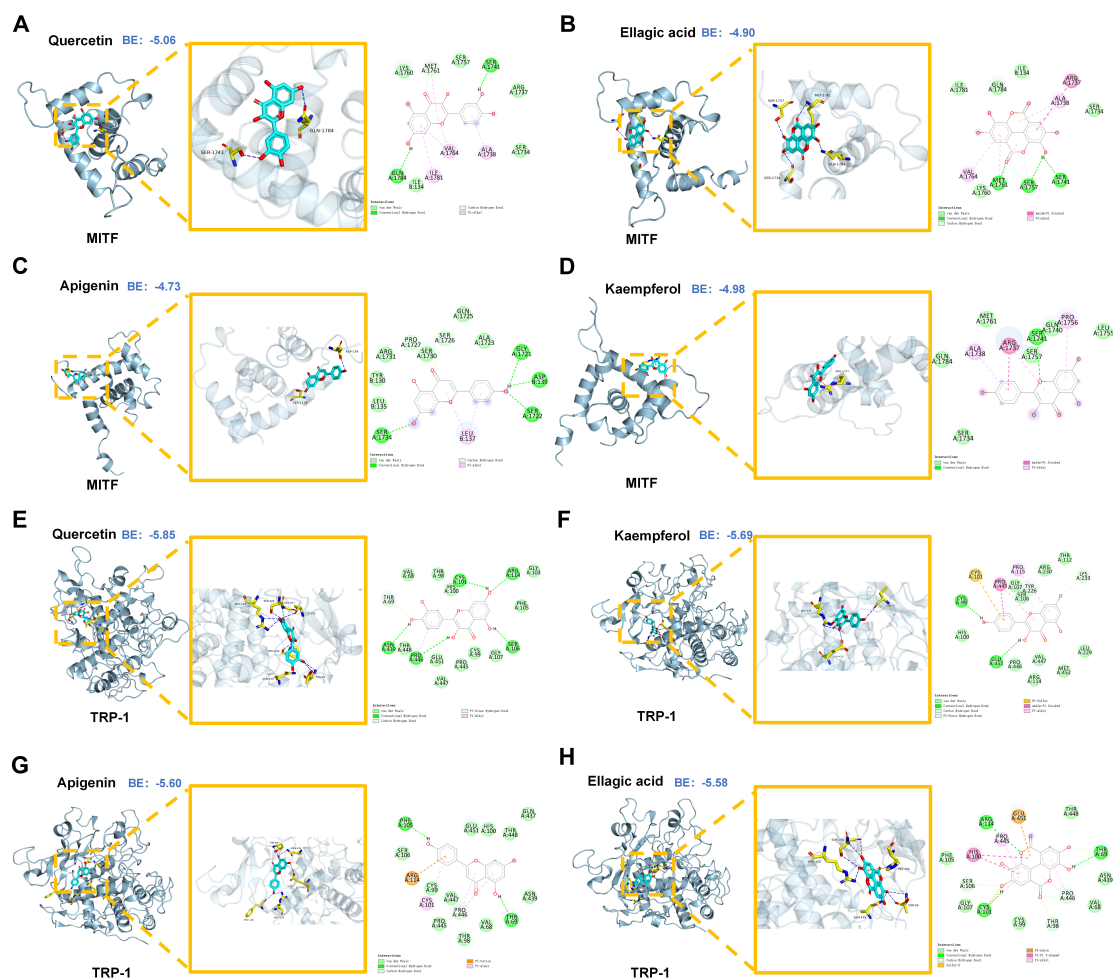
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Supplementary Figure 1. Molecular docking binding modes of four flavonoid active components of RS-EVLVP with target proteins. (A-H): Three-dimensional molecular docking interaction diagrams of key active components [(A and E) quercetin; (B and F) ellagic acid; (C and G) apigenin; and (D and H) kaempferol] with the functional binding pockets of the MITF and TRP-1 proteins (energy-optimized conformations shown).