



**Supplementary Figure S6.** Fragmentation of the six key compounds of enzymatic studies of Cistus F3'5'H recombinant protein at two different collision and trap collision energies: upper spectra (green lines)- high energy with 6 V for collision and 30 V for trap collision; lower spectra (red lines)- low energy with 4 V for collision and 6 V for trap collision. A - Naringenin; B - Eriodictyol; C - Pentahydroxyflavanone; D- Dihydrokaempferol; E - Dihydroquercetin; F - Dihydromyricetin;