



**Supplementary Fig. 1. The Upset Venn diagram illustrates the relative content analysis of certain compounds for ‘FD’ at the initial stage of withering and tea products. (A) The upset Venn diagram illustrating apical buds, the first to third leaves, and shoots of the initial stage of withering tea shoots of ‘FD’; (B and C) The relative concentrations of grassy and floral aroma compounds in the apical buds, the first to third leaves, and shoots of the initial stage of withering tea shoots of ‘FD’; (D) The upset Venn diagram depicting apical buds, the first to third leaves, and shoots of tea products of ‘FD’; (E to F) The relative concentrations of grassy and floral aroma compounds in the apical buds, the first to third leaves, and shoots of tea products of ‘FD’.**