



**Supplementary Figure 1.** Volcano plot showing bacterial taxa related to alopecia areata. The genus *Corynebacterium* which is represented in the microbiome by the several OTU: *Corynebacterium ihumii*, *Corynebacterium simulans*, *Corynebacterium sp. NML98-0116*, *Corynebacterium sp. KPL 1996* were distinctive to AA than HC.