Supplementary table information

Supplementary Table 1: Summary results of intestinal microbiota related to AA and its subtypes **Supplementary Table 2:** Characteristics of SNPs used for gut microbiome in MR analyses $(P<1\times10^{-5})$

Supplementary Table 3: Summary result of the characteristics of the genetic instrumental variables

Supplementary Table 4: Meaningful result of reverse causality relationship

Supplementary Table 5: Characteristics of the genetic instrumental variables searched by PhenoScanner V2