

Description of Additional Supplementary Files

Supplementary Data 1. Summary of 518 *A. baumannii* isolates collected in this study.

Supplementary Data 2. Gubbins-filtered cgSNPs of GC2 *A. baumannii* strains in this study.

Supplementary Data 3. Gubbins-filtered cgSNPs of ST164 *A. baumannii* strains in this study.

Supplementary Data 4. 135 global ST164 *A. baumannii* strains genome information.

Supplementary Data 5. SNP of 135 global ST164 strains.

Supplementary Data 6. The individual Illumina sequence read accession numbers of all 518 *A. baumannii* isolates and its corresponding URLs.