

**Suppl. Table S3** : General features and Genbank accession numbers of sequenced genomes in this study

| Organisms           | Isolate name | Number of contigs | Genome Size (bp) | % GC content | Coverage (X) | Genbank Accession number |
|---------------------|--------------|-------------------|------------------|--------------|--------------|--------------------------|
| <i>A. baumannii</i> | AB1          | 173               | 3968461          | 39           | 64,9         | JALKQN0000000000         |
| <i>A. baumannii</i> | AB02         | 283               | 3994903          | 38,9         | 107,43       | JALKQO0000000000         |
| <i>A. baumannii</i> | AB07         | 102               | 4006090          | 38,8         | 165,36       | JALKQP0000000000         |
| <i>A. baumannii</i> | AB8          | 143               | 3920431          | 39           | 65,5         | JALKQQ0000000000         |
| <i>A. baumannii</i> | AB12         | 269               | 3946766          | 39           | 80,21        | JALKQR0000000000         |
| <i>A. baumannii</i> | AB14         | 191               | 3962960          | 38,9         | 77,88        | JALKQS0000000000         |
| <i>A. baumannii</i> | AB15         | 99                | 4009228          | 38,8         | 163,33       | JALKQT0000000000         |
| <i>A. baumannii</i> | AB16         | 267               | 3961410          | 38,9         | 97,71        | JALGJE0000000000         |
| <i>A. baumannii</i> | AB17         | 110               | 3963639          | 38,9         | 105,15       | JALGJF0000000000         |
| <i>A. baumannii</i> | AB18         | 123               | 3908466          | 38,9         | 39,47        | JALGJG0000000000         |
| <i>A. baumannii</i> | AB19         | 111               | 3984215          | 38,8         | 29,41        | JALGJH0000000000         |
| <i>A. baumannii</i> | AB20         | 551               | 3840579          | 39,2         | 73,69        | JALGJI0000000000         |
| <i>A. baumannii</i> | AB21         | 353               | 3936606          | 39           | 19,19        | JALGJJ0000000000         |
| <i>A. baumannii</i> | AB22         | 376               | 3838504          | 39,1         | 15,19        | JALGJK0000000000         |
| <i>A. baumannii</i> | AB23         | 113               | 3988477          | 38,8         | 48,87        | JALGJL0000000000         |
| <i>A. baumannii</i> | AB24         | 149               | 3959677          | 38,9         | 24,44        | JALGJM0000000000         |
| <i>A. baumannii</i> | AB26         | 134               | 3916613          | 38,9         | 82,06        | JALGJN0000000000         |
| <i>A. baumannii</i> | AB29         | 369               | 3776738          | 39,1         | 35,09        | JALGJO0000000000         |
| <i>A. baumannii</i> | AB30         | 144               | 3993169          | 38,8         | 40,59        | JALGJP0000000000         |
| <i>A. baumannii</i> | AB33         | 300               | 3865574          | 39           | 94,46        | JALGJQ0000000000         |
| <i>A. baumannii</i> | AB54         | 192               | 4016088          | 38,9         | 175,84       | JALGJR0000000000         |
| <i>A. baumannii</i> | AB191        | 503               | 3813207          | 39,2         | 97,41        | JALGJS0000000000         |
| <i>A. baumannii</i> | AB192        | 194               | 3954659          | 38,8         | 128,38       | JANZML0000000000         |
| <i>A. baumannii</i> | AB193        | 217               | 3981643          | 38,9         | 62,37        | JANZMM0000000000         |
| <i>A. baumannii</i> | AB194        | 134               | 3933232          | 38,8         | 98,75        | JANZMN0000000000         |
| <i>A. baumannii</i> | AB195        | 164               | 3998162          | 38,8         | 100,03       | JANZMO0000000000         |

|                      |        |      |         |      |        |                 |
|----------------------|--------|------|---------|------|--------|-----------------|
| <i>A. baumannii</i>  | AB196  | 142  | 4022628 | 38,8 | 98,62  | JANZMP000000000 |
| <i>A. baumannii</i>  | AB197  | 153  | 3877426 | 38,8 | 79,03  | JANZMQ000000000 |
| <i>A. baumannii</i>  | AB198  | 141  | 4003719 | 38,8 | 87,06  | JANZMR000000000 |
| <i>A. baumannii</i>  | AB199  | 121  | 3932205 | 38,8 | 77,4   | JANZMS000000000 |
| <i>A. baumannii</i>  | AB201  | 812  | 3788285 | 39,3 | 25,19  | JANZMT000000000 |
| <i>A. baumannii</i>  | AB202  | 200  | 3969627 | 38,9 | 119,46 | JANZMU000000000 |
| <i>A. baumannii</i>  | AB203  | 258  | 3873879 | 39   | 168,27 | JANZMV000000000 |
| <i>A. baumannii</i>  | AB204  | 140  | 3919537 | 38,9 | 145,05 | JANZMW000000000 |
| <i>A. baumannii</i>  | AB1911 | 128  | 3876481 | 38,9 | 119,65 | JANZMX000000000 |
| <i>A. baumannii</i>  | AB1912 | 306  | 3988172 | 38,8 | 86,05  | JANZMY000000000 |
| <i>A. baumannii</i>  | AB1913 | 197  | 3860717 | 38,9 | 121,48 | JANZMZ000000000 |
| <i>P. aeruginosa</i> | PA24   | 81   | 6686118 | 65,9 | 85,07  | JANZNK000000000 |
| <i>P. aeruginosa</i> | PA31   | 79   | 6865610 | 66   | 63,66  | JANZNL000000000 |
| <i>P. aeruginosa</i> | PA191  | 1484 | 7699524 | 65,8 | 23,77  | JANZNM000000000 |
| <i>P. aeruginosa</i> | PA193  | 554  | 6531916 | 65,9 | 14,49  | JANZNN000000000 |
| <i>P. aeruginosa</i> | PA201  | 134  | 6644905 | 66,2 | 89,98  | JANZNO000000000 |
| <i>K. pneumoniae</i> | KP01   | 128  | 5702762 | 57   | 80,25  | JANZNA000000000 |
| <i>K. pneumoniae</i> | KP02   | 72   | 5714812 | 57   | 107,55 | JANZNB000000000 |
| <i>K. pneumoniae</i> | KP03   | 75   | 5425084 | 57,3 | 71,13  | JANZNC000000000 |
| <i>K. pneumoniae</i> | KP04   | 105  | 5809953 | 56,7 | 47,73  | JANZND000000000 |
| <i>K. pneumoniae</i> | KP05   | 207  | 5708925 | 56,7 | 80,87  | JANZNE000000000 |
| <i>K. pneumoniae</i> | KP06   | 117  | 5949533 | 56,5 | 24,21  | JANZNF000000000 |
| <i>K. pneumoniae</i> | KP07   | 98   | 5756680 | 56,7 | 25,28  | JANZNG000000000 |
| <i>K. pneumoniae</i> | KP08   | 165  | 5733557 | 56,7 | 20,17  | JANZNH000000000 |
| <i>K. pneumoniae</i> | KP15   | 108  | 5775816 | 56,6 | 111,19 | JANZNI000000000 |
| <i>K. pneumoniae</i> | KP201  | 151  | 5846061 | 56,7 | 61,73  | JANZNJ000000000 |