Table S1: Assembly statistics for each isolate

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sample ID** | **Species** | **# contigs (>= 0 bp)** | **# contigs (>500 bp)** | **Largest contig** | **N50** |
| S10 | *Acinetobacter baumannii* | 77 | 77 | 363880 | 104761 |
| S12 | *Acinetobacter baumannii* | 231 | 224 | 174899 | 45598 |
| S13 | *Acinetobacter baumannii* | 158 | 148 | 194998 | 61786 |
| S14 | *Acinetobacter baumannii* | 93 | 89 | 325072 | 100614 |
| S15 | *Acinetobacter baumannii* | 66 | 62 | 301561 | 144364 |
| S17 | *Acinetobacter baumannii* | 757 | 757 | 18588 | 2507 |
| S29 | *Acinetobacter baumannii* | 89 | 86 | 218530 | 122483 |
| S44 | *Acinetobacter baumannii* | 675 | 670 | 17800 | 1888 |
| S45 | *Acinetobacter baumannii* | 93 | 83 | 318974 | 142257 |
| S46 | *Acinetobacter baumannii* | 844 | 839 | 66451 | 7699 |
| S51 | *Acinetobacter baumannii* | 104 | 104 | 208068 | 100564 |
| S53 | *Acinetobacter baumannii* | 199 | 195 | 173240 | 52022 |
| S55 | *Acinetobacter baumannii* | 91 | 90 | 363872 | 98699 |
| S56 | *Acinetobacter baumannii* | 128 | 128 | 438743 | 63138 |
| S7 | *Acinetobacter baumannii* | 94 | 91 | 219979 | 90961 |
| S8 | *Acinetobacter baumannii* | 89 | 87 | 285281 | 85700 |
| S86 | *Acinetobacter baumannii* | 79 | 79 | 271407 | 90297 |
| S87 | *Acinetobacter baumannii* | 938 | 931 | 50218 | 6600 |
| S88 | *Acinetobacter baumannii* | 193 | 186 | 277139 | 94863 |
| S89 | *Acinetobacter baumannii* | 215 | 205 | 349313 | 68054 |
| S9 | *Acinetobacter baumannii* | 59 | 58 | 394705 | 193009 |
| S1 | *Klebsiella pneumoniae* | 140 | 132 | 237249 | 79920 |
| S18 | *Klebsiella pneumoniae* | 1309 | 1305 | 111216 | 2737 |
| S19 | *Klebsiella pneumoniae* | 195 | 185 | 194219 | 61840 |
| S2 | *Klebsiella pneumoniae* | 485 | 485 | 114673 | 24510 |
| S20 | *Klebsiella pneumoniae* | 251 | 239 | 122953 | 43853 |
| S21 | *Klebsiella pneumoniae* | 1311 | 1308 | 31623 | 4591 |
| S22 | *Klebsiella pneumoniae* | 1401 | 1393 | 36478 | 4053 |
| S23 | *Klebsiella pneumoniae* | 188 | 181 | 198405 | 69897 |
| S24 | *Klebsiella pneumoniae* | 177 | 169 | 224209 | 59164 |
| S3 | *Klebsiella pneumoniae* | 966 | 963 | 80658 | 9679 |
| S35 | *Klebsiella pneumoniae* | 180 | 147 | 313572 | 99496 |
| S36 | *Klebsiella pneumoniae* | 1171 | 1170 | 97579 | 5991 |
| S4 | *Klebsiella pneumoniae* | 1652 | 1647 | 42550 | 2675 |
| S48 | *Klebsiella pneumoniae* | 185 | 154 | 250674 | 90777 |
| S49 | *Klebsiella pneumoniae* | 259 | 259 | 281620 | 39219 |
| S5 | *Klebsiella pneumoniae* | 611 | 601 | 150140 | 18701 |
| S6 | *Klebsiella pneumoniae* | 691 | 680 | 109655 | 17096 |
| S61 | *Klebsiella pneumoniae* | 232 | 228 | 228130 | 45971 |
| S63 | *Klebsiella pneumoniae* | 1388 | 1388 | 40752 | 4785 |
| S66 | *Klebsiella pneumoniae* | 1374 | 1373 | 46769 | 1918 |
| S69 | *Klebsiella pneumoniae* | 441 | 441 | 145512 | 20778 |
| S70 | *Klebsiella pneumoniae* | 790 | 789 | 94906 | 13215 |
| S71 | *Klebsiella pneumoniae* | 926 | 920 | 17190 | 1824 |
| S72 | *Klebsiella pneumoniae* | 1117 | 1115 | 24375 | 2138 |
| S77 | *Klebsiella pneumoniae* | 659 | 659 | 40293 | 1634 |
| S78 | *Klebsiella pneumoniae* | 1169 | 1160 | 60014 | 6231 |
| S83 | *Klebsiella pneumoniae* | 146 | 133 | 298651 | 104799 |
| S84 | *Klebsiella pneumoniae* | 108 | 94 | 289905 | 131359 |
| S26 | *Pseudomonas aeruginosa* | 210 | 206 | 180770 | 55140 |
| S30 | *Pseudomonas aeruginosa* | 201 | 198 | 229414 | 62959 |
| S31 | *Pseudomonas aeruginosa* | 1084 | 1077 | 179463 | 28291 |
| S32 | *Pseudomonas aeruginosa* | 237 | 236 | 257913 | 51349 |
| S47 | *Pseudomonas aeruginosa* | 227 | 224 | 176671 | 45585 |
| S50 | *Pseudomonas aeruginosa* | 720 | 720 | 174502 | 30608 |
| S57 | *Pseudomonas aeruginosa* | 397 | 397 | 138556 | 32034 |
| S58 | *Pseudomonas aeruginosa* | 187 | 175 | 294348 | 65191 |
| S59 | *Pseudomonas aeruginosa* | 197 | 190 | 195973 | 55981 |
| S60 | *Pseudomonas aeruginosa* | 948 | 947 | 170885 | 28026 |
| S64 | *Pseudomonas aeruginosa* | 157 | 157 | 294322 | 58840 |
| S65 | *Pseudomonas aeruginosa* | 186 | 180 | 361531 | 67663 |
| S73 | *Pseudomonas aeruginosa* | 1227 | 1227 | 12390 | 1666 |
| S74 | *Pseudomonas aeruginosa* | 886 | 886 | 86102 | 12258 |
| S75 | *Pseudomonas aeruginosa* | 535 | 535 | 104782 | 22788 |
| S79 | *Pseudomonas aeruginosa* | 245 | 239 | 188974 | 50503 |
| S85 | *Pseudomonas aeruginosa* | 232 | 226 | 217612 | 50553 |