

Table S2.

| Strain | Scaffolds/Contigs | Genome size | # cds | CDS average lenght |
|---------------|-------------------|-------------|-------|--------------------|
| ATCC 12228 | 7 | 2564615 | 2485 | 286 +- 285 |
| RP62A | 2 | 2643840 | 2526 | 287 +- 304 |
| PM221 | 5 | 2597508 | 2508 | 282 +- 257 |
| SEI | 2 | 2538314 | 2309 | 297 +- 300 |
| 14.1.R1 | 4 | 2625326 | 2407 | 286 +- 292 |
| 1457 | 2 | 2470071 | 2277 | 291 +- 206 |
| ATCC 12228(2) | 6 | 2570371 | 2377 | 295 +- 297 |
| DAR1907 | 1 | 2727549 | 2502 | 297 +- 298 |
| FDAARGOS_153 | 5 | 2551965 | 2331 | 293 +- 222 |
| FDAARGOS_161 | 3 | 2515734 | 2304 | 299 +- 298 |
| BPH0662 | 3 | 2841173 | 2670 | 291 +- 298 |
| S02 | 431 | 2487658 | 2503 | 281 +- 309 |
| S03 | 369 | 2596357 | 2599 | 279 +- 287 |
| S05 | 316 | 2497790 | 2463 | 286 +- 315 |
| S07 | 273 | 2448467 | 2419 | 287 +- 353 |
| S08 | 137 | 2427136 | 2308 | 297 +- 323 |
| S09 | 90 | 2445760 | 2364 | 292 +- 355 |
| S10 | 115 | 2518833 | 2464 | 285 +- 290 |
| S12 | 97 | 2547392 | 2482 | 290 +- 350 |
| S13 | 181 | 2473316 | 2417 | 289 +- 353 |
| S14 | 523 | 2531122 | 2593 | 274 +- 276 |
| S15 | 217 | 2562288 | 2547 | 284 +- 346 |
| S16 | 191 | 2669969 | 2695 | 279 +- 277 |
| S17 | 331 | 2558201 | 2569 | 279 +- 253 |
| S18 | 300 | 2616140 | 2639 | 282 +- 344 |
| S19 | 127 | 2551387 | 2492 | 293 +- 269 |
| S21 | 77 | 2436897 | 2320 | 294 +- 269 |
| S24 | 92 | 2550997 | 2452 | 290 +- 259 |

| | Mean GenBank genomes | Mean INPer genomes | T- statistics | P-value |
|--------------------|-------------------------|-----------------------|---------------|---------|
| Genome lenght | 2598486 | 2524689 | 2.355 | 0.02605 |
| # cds | 2421 | 2490 | -1.618 | 0.1173 |
| Average CDS lenght | 292 | 286 | 2.6002 | 0.01493 |