**Table S4** *gyrA* genereference strains

|  |  |  |
| --- | --- | --- |
| Strain name | Login ID | Type |
| Q3B2 | MK775700 | *Bacillus velezensis* |
| XNRB-3 | MT703801 | *Bacillus licheniformis* |
| 725L-2 | MK805129 | *Bacillus velezensis* |
| J92R-2 | MK805134 | *Bacillus velezensis* |
| W1 | CP028375 | *Bacillus velezensis* |
| Lzh-a42 | CP025308 | *Bacillus velezensis* |
| HC-8 | CP083436 | *Bacillus velezensis* |
| AD-3 | AP024501 | *Bacillus velezensis* |
| SGAir0473 | CP027868 | *Bacillus velezensis* |
| CN026 | CP024897 | *Bacillus velezensis* |
| 10075 | CP025939 | *Bacillus velezensis* |
| ATR2 | CP018133 | *Bacillus velezensis* |
| Bac57 | CP033054 | *Bacillus velezensis* |
| SRCM102755 | CP028204 | *Bacillus velezensis* |
| ALB65 | CP029069 | *Bacillus amyloliquefaciens* |