|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Species/Strain | MN14-1539 | MN14-1420 | B31 | PBr | PBi | PKo | DN127 | SV1 | A14S |
| *B. mayonii* MN14-1539 |  |  |  |  |  |  |  |  |  |
| *B. mayonii* MN14-1420 | 99.99 |  |  |  |  |  |  |  |  |
| *B. burgdorferi* B31 | 93.83 | 93.83 |  |  |  |  |  |  |  |
| *B. garinii* PBr | 91.79 | 91.78 | 91.39 |  |  |  |  |  |  |
| *B. bavariensis* PBi | 91.79 | 91.8 | 91.35 | 97.35 |  |  |  |  |  |
| *B. afzelii* PKo | 91.94 | 91.92 | 91.52 | 92.38 | 92.46 |  |  |  |  |
| *B. bissettii* DN127 | 93.52 | 93.51 | 94.06 | 91.1 | 91.03 | 91.21 |  |  |  |
| *B. finlandensis* SV1 | 93.73 | 93.74 | 97.93 | 91.41 | 91.39 | 91.52 | 93.91 |  |  |
| *B. spielmanii* A14S | 91.23 | 91.23 | 90.83 | 91.66 | 91.71 | 93.72 | 90.59 | 90.86 |  |
| *B. valaisiana* VS116 | 91.66 | 91.65 | 91.3 | 92.06 | 92.05 | 92.17 | 90.98 | 91.26 | 91.49 |

**S1 Table. Average nucleotide identity of the *B. mayonii* linear chromosomes as compared to 8 other Bbsl genospecies.**