Table S4. *Streptomyces* genomes analysed for ΦBT1 *attB* sites.

|  |  |  |  |
| --- | --- | --- | --- |
| Strain | Identity to *attB* (%)a | Identity to minimal *attB* (%)b | NCBI accession, reference |
| *S. lividans* TK24  | 73 (100) | 36 (100) | CP009124.1, (Ruckert et al. 2015) |
| *S. ambofaciens* DSM40697 | 73 (100) | 36 (100) | CP012949.1, (Thibessard & Leblond 2016) |
| *S. ghanaensis* | 70 (95.8) | 34 (94.4) | EU368672, (Ostash et al. 2009) |
| *S. davawensis* JCM4913  | 70 (95.8) | 34 (94.4) | HE971709.1, (Jankowitsch et al. 2012) |
| *S. pactum* ACT12  | 69 (94.5) | 34 (94.4) | NZ\_LIQD00000000, Unpublished |
| *S. lincolnensis* NRRL2936 | 69 (94.5) | 33 (91.7) | CP016438.1, Unpublished |
| *S. cinnamonensis* | 67 (91.8) | 33 (91.7) | -, This study |
| *S. avermitilis* NBRC14893 | 67 (91.8) | 33 (91.7) | NC\_003155.5, (Omura et al. 2001) |
| *S. griseus* NBRC13350 | 67 (91.8) | 33 (91.7) | NC\_010572.1, (Ohnishi et al. 2008) |
| *S. alboflavus* MDJK44 | 66 (90.4) | 33 (91.7) | CP021748.1, Unpublished |
| *S. violaceoruber* S21 | 65 (89) | 33 (91.7) | CP020570.1, Unpublished  |
| *S. scabiei* 87.22  | 64 (87.6) | 33 (91.7) | NC\_013929.1, (Bignell et al. 2010) |
| *S. niveus* SCSIO3406  | 63 (86.3) | 31 (86.1) | NZ\_CP018047.1, Unpublished |
| *S. venezuelae* ATCC10712 | 63 (86.3) | 30 (83.3) | LN881739.1, (He et al. 2016) |
| *S. clavuligerus* F613-1 | 63 (86.3) | 31 (86.1) | NZ\_CP016559.1, Unpublished |
| *S. bingchenggensis* BCW-1 | 62 (84.9) | 29 (80.6) | NC\_016582.1, (Wang et al. 2010) |
| *S. albus* J1074  | 60 (82.2) | 28 (77.8) | NC\_020990.1, (Zaburannyi et al. 2014) |
| *S. hygroscopicus* XM201 | 60 (82.2) | 29 (80.6) | CP018627.1, Unpublished |
| *S. rapamycinicus* NRRL5491 | 60 (82.2) | 29 (80.6) | CP006567.1, (Baranasic et al. 2013) |
| *S. albulus* ZPM  | 59 (80.8) | 29 (80.6) | CP006871.1, (Wang et al. 2015) |
| *S. lydicus* 103 | 58 (79.5) | 27 (75) | CP017157.1, Unpublished |
| *S. fradiae* Olg4R | 54 (74) | 26 (72.2) | NZ\_MCNU00000000, Unpublished |

a Number of identical nucleotide positions to the 73 bp canonical *S. coelicolor* ΦBT1 *attB* site;
b Number of identical nucleotide positions to the 36 bp minimal *S. coelicolor* ΦBT1 *attB* site.

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