**Table S2**

|  |  |  |
| --- | --- | --- |
| Strain number | Genotype/relevant featurea | Reference |
| R800 | R6 derivative | [[1](#_ENREF_1)] |
| G54 | Clinical isolate of serotype 19F | [[2](#_ENREF_2)] |
| TCP1251 | Rx derivative but *malM511, rpsL1, bgl1; SmR* | [[3](#_ENREF_3)] |
| R1501 | R800 but ∆*comC* | [[4](#_ENREF_4)] |
| R304 | R800 derivative, *nov1, rif23, str41; NovR, RifR, SmR* | [[5](#_ENREF_5)] |
| R1916 | R1501 but *ssbB::luc (ssbB+), comGA::kan; CmR, KanR* | Claverys’ strain collection |
| R998 | R1501 but *comEC::spc; CmR, SpcR* | Claverys’ strain collection |
| R1063 | R1501 but *comFA::spc; CmR, SpcR* | Claverys’ strain collection |
| RL001 | R1501, but CEPx-*comGC-FLAG* (from plasmid pCEPx-*comGC-FLAG*); *KanR* | This study |
| RL002 | RL001 , but *comGA::spc3C* (from strain R1062); *KanR, SpcR* | This study |
| RL003 | R1501 but *comGC* E20A (point mutation of ComGC pilin) | This study |
|  | | |
| Plasmids |  |  |
| pCEPx | ColE1 (pBR322) derivative containing the ComX-dependent promoter, PX, and the RBS of ssbB; *KanR* | [[6](#_ENREF_6)] |

R, resistance.

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