**S1 Table: bacterial and phage strains**

|  |  |  |
| --- | --- | --- |
| Strain | Genotype | Reference |
| Bacterial strains | | |
| MG∆Y∆F | MG1655 ∆*fliC* ∆*ompF* | ([Giraud et al., 2008](#_ENREF_4)) |
| HME57 λ | W3110 Δ(*argF-lac*)U169 galKtyr145UAG (λ *ble*) *pKD46* | this study and ([Datta et al., 2006](#_ENREF_2)) |
| MD19 | MG1655 *stfR::cat* | ([De Paepe et al., 2014](#_ENREF_3)) |
| MD5 | MG1655 ∆*fliC* ∆*ompF* *hsdR::KanR* | this study |
| MD6 | MG1655 ∆*fliC* ∆*ompF* *stfR::cat (*λ *ble)* | this study |
| MD47 | MG1655 ∆*fliC* ∆*ompF* *lamB*::KanR | this study |
| MD56 | MG1655 ∆*fliC* ∆*ompF lamB*::FRT *stfR::cat* (λ *ble*) | this study |
| MD74 | MG1655 ∆*fliC* ∆*ompF lamB*::FRT *stfR::cat* (λ *ble cIind-*) | this study |
| JC10990 | AB1157 *recF332*::Tn3 *tnaA*::Tn10 | ([Blanar et al., 1984](#_ENREF_1)) |
| Phage strains | | |
| λ *ble* (WT) | Urλ *ble* | ([De Paepe et al., 2014](#_ENREF_3)) |
| λ *cI*ind- | Urλ *ble* *cIA111T* | this study |

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