

**Table S4: Bacteria and plasmids**

name	relevant characteristics	reference
<i>Escherichia coli</i> ER2566	F <sup>-</sup> λ- <i>fhuA2</i> [ <i>lon</i> ] <i>ompT lacZ::T7 gene1 gal sulA11</i> Δ( <i>mcrC-mrr</i> )114::IS10 R( <i>mcr-73::miniTn10-Tet<sup>S</sup></i> )2 R( <i>zgb-210::Tn10</i> )( <i>Tet<sup>S</sup></i> ) <i>endA1</i> [ <i>dcm</i> ]	New England Biolabs
<i>Escherichia coli</i> XL-1 Blue	<i>recA1 endA1 gyrA96 thi-1 hsdR17 supE44 relA1 lac</i> [F' <i>proAB lac<sup>R</sup>ZΔM15 Tn10 (Tet<sup>r</sup>)</i> ]	Stratagene
<i>Neisseria meningitidis</i> strain MC58	serogroup B	[1]
<i>Neisseria meningitidis</i> strain 8013	serogroup C	[2]
<i>Neisseria elongata</i> subsp. <i>glycolytica</i> 6171/75 (= ATCC 29315 = NCTC 11050 = DSM 23337)	type strain	[3]
<i>Neisseria mucosa</i> (= ATCC 19696 = NCTC 12978 = DSM 17611)	type strain	[4]
<i>Neisseria mucosa</i> (= ATCC 25996 = NCTC 10774 = DSM 4631)	isolated from human pharyngeal mucosa	[5,6]
<i>Neisseria sicca</i> NRL 30,016 (= ATCC 29259 = DSM 17713)	type strain	[7]
<i>Kingella oralis</i> (ATCC 51147 = DSM 18271)	type strain	[8]
<i>Kingella denitrificans</i> (= ATCC 33394 = NCTC 10995 = DSM 10202)	type strain	[9]
<i>Eikenella corrodens</i> strain 31745	isolated from spinal fluid	[10]
<i>Eikenella corrodens</i> (ATCC 23834 = NCTC 10596 = DSM 8340)	type strain	[11]
p0-DUS	pBluescript II SK+ harbouring <i>pilG::mTnErm</i>	[12]
pOHA-D4	AT-DUS	this study
pSAF-DV-36	TT-DUS	this study
pOHA-DV-37	AA-DUS	this study
pSAF-DV-38	AT- <b>CCCGTCTGAA</b>	this study
pSAF-DV-39	AT- <b>GACGTCTGAA</b>	this study
pSAF-DV-40	AT- <b>GCAGTCTGAA</b>	this study
pSAF-DV-41	AT- <b>GCCCTCTGAA</b>	this study
pSAF-DV-42	AT- <b>GCCGGCTGAA</b>	this study
pOHA-DV-43	AT- <b>GCCGTGTGAA</b>	this study
pSAF-DV-44	AT- <b>GCCGTGGAA</b>	this study
pSAF-DV-45	AT- <b>GCCGTCTCAA</b>	this study
pSAF-DV-46	AT- <b>GCCGTCTGTA</b>	this study
pOHA-DV-47	AT- <b>GCCGTCTGAC</b>	this study
pSAF-DV-48	AG-DUS	this study
pSAF-DV-49	AG-mucDUS	this study
pSAF-DV-50	AG-kingDUS	this study
pSAF-DV-51	AG-eikDUS	this study
pSAF-DV-52	reverse USS	this study
pSAF-DV-53	USS	this study

## References

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