

Table S2

Strain name	Description	Resistance	Reference
ICC169	<i>C. rodentium</i> WT, spontaneous Nal resistant mutant	Nal	(37)
ICC180	ICC169 constitutively expressing the <i>lux</i> bioluminescence cassette	Nal/Kan	(38)
ICC180 <i>ΔgrlR</i> (ICC1410)	ICC180 derivative, <i>ΔgrlR::CmR</i>	Nal/Kan/Cm	(14)
<i>C. amalonaticus</i> ^{C3H} (ICC3000)	C3H/HeN non-permissive mouse stool isolate	N/a	This study
<i>C. amalonaticus</i> ^{C3H} SmR (ICC3001)	Spontaneous streptomycin resistant mutant of <i>C. amalonaticus</i> ^{C3H} (ICC3000)	Sm	This study
<i>C. amalonaticus</i> ^{C3H} <i>ΔctsH4_2</i>	<i>C. amalonaticus</i> ^{C3H} -SmR (ICC3001) lacking gene <i>ctsH4_2</i>	Sm	This study
<i>C. amalonaticus</i> ^{C3H} <i>Δ03332</i>	<i>C. amalonaticus</i> ^{C3H} -SmR (ICC3001) lacking gene <i>03332</i>	Sm	This study
<i>C. amalonaticus</i> ^{C3H} <i>Δ00759</i>	<i>C. amalonaticus</i> ^{C3H} -SmR (ICC3001) lacking gene <i>00759</i>	Sm	This study
<i>C. amalonaticus</i> ^{C3H} <i>ΔwapA_4</i>	<i>C. amalonaticus</i> ^{C3H} -SmR (ICC3001) lacking gene <i>wapA_4</i>	Sm	This study
<i>Esherichia</i> ^{C57}	<i>Esherichia</i> genus isolate from uninfected C57BL/6 mouse stool	N/a	This study
<i>Esherichia</i> ^{C57} -Rif	Spontaneous rifampicin resistant mutant of <i>Esherichia</i> ^{C57}	Rif	This study
ICC169-GFP	ICC169 harbouring the pULTRA-GFP plasmid	Nal/Gm	This study
ICC169-RFP	ICC169 harbouring the pULTRA-RFP plasmid	Nal/Gm	This study
<i>C. amalonaticus</i> ^{C3H} -GFP	<i>C. amalonaticus</i> ^{C3H} SmR (ICC3001) harbouring the pULTRA-GFP plasmid	Sm/Gm	This study
<i>C. amalonaticus</i> ^{C3H} -RFP	<i>C. amalonaticus</i> ^{C3H} SmR (ICC3001) harbouring the pULTRA-RFP plasmid	Sm/Gm	This study
<i>E. coli</i> CC118λpir	Expressing the Pi protein for the replication of plasmids with the R6K origin	N/a	(39)
<i>E. coli</i> 1047 pRK2013	Helper strain for conjugation, Kanamycin-resistant.	Kan	(40)