

Supplementary material

Table S1. *E. faecium* (n=7) and *E. faecalis* (n=5) isolates used in LIN selective pressure experiments and selected from isolates with a LIN MIC of 4mg/L (in BMD) collected at the NRC, 2019-2021.

Isolate	Species	LIN resistance mutation or LIN resistance gene content	Final LIN MIC [mg/L], experiment 1 ¹	Final LIN MIC [mg/L], experiment 2 ¹
UW19609	<i>E. faecium</i>	None	2	2
UW20036	<i>E. faecium</i>	G2576T	16	16
UW19892	<i>E. faecium</i>	<i>poxA</i>	8	16
UW21529	<i>E. faecium</i>	<i>cfr</i>	2	2
UW22166	<i>E. faecium</i>	<i>optrA</i>	1 ²	1 ²
UW22402	<i>E. faecium</i>	<i>optrA</i> & <i>poxA</i>	2	2
UW21431	<i>E. faecium</i>	<i>poxA</i>	16	16
UW22498	<i>E. faecalis</i>	None	4	2
UW20543	<i>E. faecalis</i>	G2576T	2	1
UW22208	<i>E. faecalis</i>	<i>optrA</i>	2	4
UW21555	<i>E. faecalis</i>	<i>optrA</i>	4	8
UW20493	<i>E. faecalis</i>	<i>optrA</i>	4	4
UW21148	<i>E. faecium</i>	G2576T; positive control from NRC strain collection	16	16
UW23555	<i>E. faecalis</i>	G2576T; positive control from NRC strain collection	32	16
ATCC29212	<i>E. faecalis</i>	None; negative control from NRC strain collection	0.5	0.5

¹LIN MIC assessed by broth microdilution method; ²isolate that had lost the resistance gene after LIN selective pressure