

Table S1. *E. faecium* strains and genomes used for comparative genomics (Related to Figure 2).

Strain	Year of Isolation	Country	Source or characteristics	Isolation site	Reference or accession	CRISPR ^a	Plasmid ^b	Aminoglycoside	MLS	Glycopeptide	Phenicol	Cycline
EnGen0038	2006	NLD	Hospitalized patient	Blood	Lebreton et al. 2013	-	<i>repUS15</i>	-	<i>msrC</i>	-	-	-
Com12	2006	USA	Non-hospitalized individual	Feces	Palmer et al. 2011	<i>cas1</i>	<i>repUS15</i>	-	<i>msrC</i>	-	-	-
EnGen0056	2000	NLD	Hospitalized patient	Blood	Lebreton et al. 2013	<i>cas1</i>	-	-	<i>msrC</i>	-	-	-
EnGen0047	2004	NLD	Hospitalized patient	Blood	Lebreton et al. 2013	-	-	-	<i>msrC</i>	-	-	-
EnGen0003	2001	IRL	Non-hospitalized individual	Feces	Lebreton et al. 2013	<i>cas1</i>	<i>rep1, 2, 7, US15</i>	<i>aadE</i>	<i>ermB, msrC</i>	-	<i>cat</i>	<i>tetM, tetL</i>
1_141_733	2005	USA	Hospitalized patient	Wound	Palmer et al. 2011	<i>cas1</i>	<i>rep1, US15</i>	-	<i>msrC</i>	-	-	-
EnGen0263	2008	FRA	Hospitalized patient	na	This study NZ_AJAD000000000	-	<i>rep7</i>	-	<i>msrC</i>	<i>vanA</i>	<i>cat</i>	-
IDI0629	2016	USA	Farm cow	Feces	Formerly named DIV0629 NZ_NGLI000000000	-	<i>repUS15</i>	-	<i>msrC</i>	-	-	-
IDI0518	2016	DEU	Wild bird	Feces	Formerly named DIV0518 NZ_NGLS000000000	-	<i>repUS15</i>	-	<i>msrC</i>	-	-	-
Com15	2007	USA	Non-hospitalized individual	Feces	Palmer et al. 2011	-	<i>rep1, US15</i>	-	<i>msrC</i>	-	-	-
EnGen0042	2001	ESP	Hospitalized patient	Feces	Lebreton et al. 2013	<i>cas1</i>	<i>rep1, US15</i>	-	<i>msrC</i>	-	-	-
EnGen0026	2000	DEU	Hospitalized patient	na	Lebreton et al. 2013	<i>cas1</i>	<i>rep1, 14, US15</i>	-	<i>msrC</i>	-	-	-
EnGen0015	1998	NLD	Non-hospitalized individual	Feces	Lebreton et al. 2013	-	<i>repUS15</i>	-	<i>msrC</i>	-	-	-
EnGen0033	2000	DEU	Hospitalized patient	Blood	Lebreton et al. 2013	-	<i>rep1, 2, US15</i>	-	<i>msrC</i>	-	-	-
E980	1998	NLD	Non-hospitalized individual	Feces	Zhang et al. 2010	-	<i>repUS15</i>	-	<i>msrC</i>	-	-	-
EnGen0029	1964	NOR	Fish burger	na	Lebreton et al. 2013	<i>cas1</i>	<i>rep1, US15</i>	-	<i>msrC</i>	-	-	-
EnGen0028	1956	NOR	Cheese	na	Lebreton et al. 2013	<i>cas1</i>	<i>rep1, 2, US15</i>	-	<i>msrC</i>	-	-	-
LCT-EF90	nd	CHI	Laboratory strain	na	Lebreton et al. 2013	<i>cas1</i>	<i>rep1, US15</i>	-	<i>msrC</i>	-	-	-

^a Predicted using the CRISPR finder online tool (<http://crispr.i2bc.paris-saclay.fr/>)

^b Predicted using the PlasmidFinder online tool (<https://cge.cbs.dtu.dk>). The replication (*rep*) genes and families are reported.