Table S1. Bacterial strains used in this study.

	Strain identifier	Strain common name used in main text (chromosomal antibiotic resistance[a])	Relevant phenotypic/genotypic strain characteristics[b]	Plasmid(s) (section of Table S2)[d]	Reference / source
A. *E. faecalis* laboratory strains	SJH-1994	OG1RF (Rif/Fus)	EbpA$^+$, EbpB$^+$, EbpC$^+$, SrtC$^+$, SrtA$^+$	None	(1)
	SJH-1220	OG1X (Str)	EbpA$^+$, EbpB$^+$, EbpC$^+$, SrtC$^+$, SrtA$^+$	None	(2)
B. *E. faecalis* OG1RF markerless, in-frame chromosomal mutants	SJH-953	SrtA$^-$ (Rif/Fus)	EbpA$^+$, EbpB$^+$, EbpC$^+$, SrtC$^+$, SrtA$^-$ ($\Delta srtA^c$)	None	(3)
	SJH-1421	EbpC$^-$ (Rif/Fus)	EbpA$^+$, EbpB$^+$, EbpC$^-$, SrtC$^+$, SrtA$^+$ ($\Delta ebpC$)	None	This study
	SJH-1422	EbpABC$^-$ (Rif/Fus)	EbpA$^-$, EbpB$^-$, EbpC$^-$, SrtC$^+$, SrtA$^+$ ($\Delta ebpABC$)	None	This study
	SJH-1424	SrtC$^-$ (Rif/Fus)	EbpA$^+$, EbpB$^+$, EbpC$^+$, SrtC$^-$, SrtA$^+$ ($\Delta srtC$)	None	This study
	SJH-1995	EbpABC$^-$ SrtC$^-$ (Rif/Fus)	EbpA$^-$, EbpB$^-$, EbpC$^-$, SrtC$^-$, SrtA$^+$ ($\Delta ebpABCsrtC$)	None	This study
	SJH-1996	EbpA$^-$ (Rif/Fus)	EbpA$^-$, EbpB$^+$, EbpC$^+$, SrtC$^+$, SrtA$^+$ ($\Delta ebpA$)	None	This study
	SJH-1997	EbpB$^-$ (Rif/Fus)	EbpA$^+$, EbpB$^-$, EbpC$^+$, SrtC$^+$, SrtA$^+$ ($\Delta ebpB$)	None	This study
	SJH-1998	EbpBC$^-$ (Rif/Fus)	EbpA$^+$, EbpB$^-$, EbpC$^-$, SrtC$^+$, SrtA$^+$ ($\Delta ebpBC$)	None	This study
	SJH-1999	EbpAC$^-$ (Rif/Fus)	EbpA$^-$, EbpB$^+$, EbpC$^-$, SrtC$^+$, SrtA$^+$ ($\Delta ebpA$, $\Delta ebpC$)	None	This study
	SJH-2000	EbpAB$^-$ (Rif/Fus)	EbpA$^-$, EbpB$^-$, EbpC$^+$, SrtC$^+$, SrtA$^+$ ($\Delta ebpAB$)	None	This study
	SJH-2001	EbpA^{AWAGA} (Rif/Fus)	EbpA$^{D315A, S317A, S319A}$, EbpB$^+$, EbpC$^+$, SrtC$^+$, SrtA$^+$ ($ebpA^{AWAGA}$)	None	This study
	SJH-2010	SrtC$^-$ SrtA$^-$ (Rif/Fus)	EbpA$^+$, EbpB$^+$, EbpC$^+$, SrtC$^-$, SrtA$^-$ ($\Delta srtC$, $\Delta srtA^c$)	None	This study
C. *E. faecalis* mutant strains with the empty vector	SJH-2020	EbpABC$^-$/pGCP123 (Rif/Fus)	EbpA$^-$, EbpB$^-$, EbpC$^-$, SrtC$^+$, SrtA$^+$ ($\Delta ebpABC$)	pSJH-329 (D)	This study
	SJH-2187	EbpABC$^-$ SrtC$^-$/pGCP123 (Rif/Fus)	EbpA$^-$, EbpB$^-$, EbpC$^-$, SrtC$^-$, SrtA$^+$ ($\Delta ebpABCsrtC$)	pSJH-329 (D)	This study
D. *E. faecalis* mutant strains expressing *ebp* genes *in trans*	SJH-2011	EbpABC$^-$/ p-*ebpABC* (Rif/Fus)	EbpA$^+$, EbpB$^+$, EbpC$^+$, SrtC$^+$, SrtA$^+$ ($\Delta ebpABC$)	pSJH-491 (I)	This study
	SJH-2014	EbpABC$^-$/p-*ebpAB* (Rif/Fus)	EbpA$^+$, EbpB$^+$, EbpC$^-$, SrtC$^+$, SrtA$^+$ ($\Delta ebpABC$)	pSJH-492 (I)	This study
	SJH-2030	EbpABC$^-$ SrtC$^-$/p-*ebpABCsrtC* (Rif/Fus)	EbpA$^+$, EbpB$^+$, EbpC$^+$, SrtC$^+$, SrtA$^+$ ($\Delta ebpABCsrtC$)	pSJH-496 (I)	This study
	SJH-2220	EbpABC$^-$ SrtC$^-$/p-*ebpA^{AWAGA}BCsrtC* (Rif/Fus)	EbpA$^{D315A, S317A, S319A}$, EbpB$^+$, EbpC$^+$, SrtC$^+$, SrtA$^+$ ($\Delta ebpABCsrtC$)	pSJH-559 (I)	This study

	Strain identifier	Strain common name used in main text (chromosomal antibiotic resistance[a])	Relevant phenotypic/genotypic strain characteristics[b]	Plasmid(s) (section of Table S2)[c]	Reference / source
E. Commercial _E. coli_ cloning strains	SJH-933	TOP10	F´{_lac_Iq, Tn_10_(Tet^R)} _mcr_A Δ(_mrr-hsd_RMS-_mcrBC_) Φ80_lac_ZΔM15 Δ_lac_X74 _rec_A1 _ara_D139 Δ(_ara leu_) 7697 _gal_U _gal_K _rps_L (Str^R)_end_A1 _nup_G	None	Invitrogen
	SJH-1887	NovaBlue	_endA1 hsdR17_ (r$_{K12}$⁻ m$_{K12}$⁺) _supE44 thi-1 recA1 gyrA96 relA1 lac_ F'[_proA$^+$B$^+$ lacI^{q}Z_ΔM15::Tn_10_] (Tet^R)	None	Novagen
	SJH-1888	XL1-Blue	_endA1 gyrA96_(_nalR_) _thi-1 recA1 relA1 lac glnV44_ F'[::Tn10 _proAB$^+$ lacI^q_ Δ(_lacZ_)_M15_] _hsdR17_(r$_K$⁻ m$_K$⁺)	None	Stratagene
F. Commercial _E. coli_ expression strains	SJH-1889	M15/pREP4	NaI^S, Str^S, Rif^S, Thi⁻, Lac⁻, Ara$^+$, Gal$^+$, Mtl⁻, F⁻, RecA$^+$, Uvr$^+$, Lon$^+$	pREP4 (A)	Qiagen
	SJH-1890	SG13009/pREP4	NaI^S, Str^S, Rif^S, Thi⁻, Lac⁻, Ara$^+$, Gal$^+$, Mtl⁻, F⁻, RecA$^+$, Uvr$^+$, Lon$^+$	pREP4 (A)	Qiagen
G. _E. coli_ strains expressing recombinant Ebp pilins	SJH-1987	M15/pQE-30Xa-EbpA-X/pREP4	NaI^S, Str^S, Rif^S, Thi⁻, Lac⁻, Ara$^+$, Gal$^+$, Mtl⁻, F⁻, RecA$^+$, Uvr$^+$, Lon$^+$	pREP4(A), pSJH-541 (J)	This study
	SJH-1988	M15/pQE-30Xa-EbpB-X/pREP4	NaI^S, Str^S, Rif^S, Thi⁻, Lac⁻, Ara$^+$, Gal$^+$, Mtl⁻, F⁻, RecA$^+$, Uvr$^+$, Lon$^+$	pREP4 (A), pSJH-547 (J)	This study
	SJH-1985	SG13009/pQE-30Xa-EbpCA-X/pREP4	NaI^S, Str^S, Rif^S, Thi⁻, Lac⁻, Ara$^+$, Gal$^+$, Mtl⁻, F⁻, RecA$^+$, Uvr$^+$, Lon$^+$	pREP4 (A), pSJH-550 (J)	This study

[a] Rif (100 ug mL⁻¹), Fus (fusidic acid, 100 ug mL⁻¹), Str - streptomycin (500 μg mL⁻¹)

[b] For _E. faecalis_ strains generated in this study (sections B-D), any mutant allele present in the genome is listed in parentheses and described in Table S4 (sections A-B).

[c] The Δ_srtA_ allele is described in (4).

[d] A letter in parentheses refers to the section of Table S2 where the noted plasmid is described.

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