

Table S3. Genes identified in this work as having a general role in antibiotic susceptibility.

bnum	Annotation	References
b3791	<i>rffA</i> dTDP-4-oxo-6-deoxy-D-glucose transaminase	[1]
b3792	<i>wzxE</i> lipid III flippase	
b1904	<i>yecR</i> predicted protein	
b2616	<i>recN</i> protein used in recombination and DNA repair	[1,2,3,4]
b2494	<i>yfgC</i> predicted peptidase	[1,5]
b0462	<i>acrB</i> RND-type permease	[1,6,7]
b1130	<i>phoP</i> PhoP-Phosphorylated transcriptional dual regulator	[1]
b4396	<i>rob</i> Rob transcriptional activator	[8]
b3194	<i>yrbE</i> YrbF/YrbE ABC transporter	
b3191	<i>yrbB</i> predicted NTP-binding protein	
b3632	<i>rfaQ</i> lipopolysaccharide core biosynthesis protein; heptosyl transferase III	[9]
b3630	<i>rfaP</i> lipopolysaccharide core biosynthesis; phosphorylation of core heptose	[9]
b3628	<i>rfaB</i> UDP-D-galactose:(glucosyl)lipopolysaccharide-1,6-D-galactosyltransferase	[9]
b3631	<i>rfaG</i> lipopolysaccharide glucosyltransferase I	[9]
b2215	<i>ompC</i> outer membrane porin C	
b3780	<i>rhIB</i> degradosome	
b3956	<i>ppc</i> phosphoenolpyruvate carboxylase	
b3493	<i>pitA</i> PitA	
b2415	<i>ptsH</i> HPr	
b3806	<i>cyaA</i> adenylate cyclase	[10]
b0015	<i>dnaJ</i> chaperone with DnaK; heat shock protein	[11]
b1048	<i>mdoG</i> periplasmic glucan (MDO) biosynthesis protein	
b1049	<i>mdoH</i> membrane glycosyltransferase; synthesis of membrane-derived oligosaccharide (MDO)	
b2218	<i>rscC</i> RcsC-P his	[12]
b1291	<i>sapD</i> peptide uptake ABC transporter	
b3290	<i>trkA</i> NAD-binding component of Trk potassium transporter	
b1290	<i>sapF</i> peptide uptake ABC transporter	
b3849	<i>trkH</i> TrkH potassium ion Trk Transporter	
b0464	<i>acrR</i> AcrR transcriptional repressor	[1,13]
b1676	<i>pykF</i> pyruvate kinase I monomer	

In finding references, emphasis was placed on global studies and work in *E. coli*. Expression changes in response to drug addition were not sufficient for inclusion. Results and Discussion describes how the class of genes was determined.

References

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