

Table S4. Results of regression analysis for MIC_{pen}.

Parameter	Estimate	Std. Error	t value	<i>p</i> value
<i>penA</i> I	2.2570	1.1394	1.981	0.0493*
<i>penA</i> II	3.2225	1.1325	2.845	0.0050**
<i>penA</i> IX	2.6265	1.0778	2.437	0.0159*
<i>penA</i> V	3.5508	1.0957	3.241	0.0014**
<i>penA</i> XIII	3.0208	1.3897	2.174	0.0311*
<i>penA</i> XIV	3.2225	2.2069	1.460	0.1461
<i>penA</i> XV	-0.0086	1.1448	-0.008	0.9940
<i>penA</i> XVIII	2.1375	1.6483	1.297	0.1965
<i>penA</i> XXII	3.1916	1.2557	2.542	0.0120*
<i>penA</i> XXXIV	0.3253	1.7735	0.183	0.8547
<i>mtrR</i> (-35)	1.8972	0.4730	4.011	9.11e-05***
<i>bla</i> _{TEM}	6.8122	1.4841	4.590	8.70e-06***
<i>porB</i> : Gly120Asp	2.1637	0.9184	2.356	0.0196*
<i>porB</i> : Ala121Gly	2.4914	0.5736	4.344	2.43e-05***
<i>porB</i> : Ala121Asn	2.8122	1.4841	1.895	0.0598
Intercept	-5.0347	1.1304	-4.454	1.54e-05***

*** $p < 0.001$, ** $p < 0.01$, * $p < 0.05$.

Residual standard error: 1.339 on 166 degrees of freedom.

Multiple R-squared: 0.7149. Adjusted R-squared: 0.6892.

F-statistic: 27.75 on 15 and 166 DF, p -value: $< 2.2e-16$.