

# **Antibacterial Drug Resistance Genotypes**

## **Introduction**

- The tables below summarize drug resistance genotypes and mechanisms, resistance to specific agents or classes and alternative choices for treatment of for gram-positive and gram-negative infections.

- Drugs listed under Alternative antibiotics are those expected to be active based on the presence of the particular resistance determinants. Drug-resistant strains may encode one or more other resistance determinants and hence can be multiple-drug resistant, which may confer resistance to the alternative agent as well. Confirmation of in vitro susceptibility is recommended.

## **Gram-positive Resistance Determinants / Mechanisms**

## **Gram-negative Resistance Determinants / Mechanisms**

## **Abbreviations and Notes**