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(54) **Title**: MUTANT PENICILLIN G ACYLASES

(57) **Abstract**: The present invention relates to a mutant prokaryotic penicillin G acylase derived from a wild-type penicillin G acylase characterized in that the mutant is having an amino acid substitution at one or more amino acid positions selected from the group consisting of amino acid positions A3, A77, A90, A144 A192, B24, B109, B148, B313, B460 and B488 according to the amino acid numbering of the *Escherichia coli* penicillin G acylase having the amino acid sequence depicted in SEQ ID No: 1.