Mutagenesis of Clostridium butyricum

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Mutagenesis of Clostridium butyricum ATCC 19398 was best accomplished by u.v. irradiation (254 nm) and methyl methane sulphonate. Nitrosoguanidine was only slightly mutagenic for this organism. Procedures are described which yielded a variety of auxotrophic and antibiotic?resistant mutant strains. 1987 The Society for Applied Bacteriology