

# Methylation of ribosomal proteins in *Bacillus subtilis*

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We measured the methylation of ribosomal proteins from the 30S and 50S subunits of *Bacillus subtilis* after growing the cells in the presence of [ $^{14}\text{C}$ ]methionine and [methyl- $^3\text{H}$ ]methionine.

Two-dimensional polyacrylamide gel electrophoretic analysis revealed a preferential methylation of the 50S ribosomal proteins. Proteins L11 and L16, and possibly L9, L10, L18, L20, were methylated.

On the other hand, only two possibly methylated proteins were found on the 30S subunit. A comparison of these results with those for *Escherichia coli* suggests a common methylation pattern for the bacterial ribosome proteins.