

Contribution of peroxisomes to penicillin biosynthesis in *Aspergillus nidulans*.

Spröte P, Brakhage AA, Hynes MJ (2009) Contribution of peroxisomes to penicillin biosynthesis in *Aspergillus nidulans*. *Eukaryot Cell* 8(3), 421-423.

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Abstract

Peroxisomal localization of the third enzyme of the penicillin biosynthesis pathway of *Aspergillus nidulans*, acyl-coenzyme A:IPN acyltransferase (IAT), is mediated by its atypical peroxisomal targeting signal 1 (PTS1). However, mislocalization of IAT by deletion of either its PTS1 or of genes encoding proteins involved in peroxisome formation or transport does not completely abolish penicillin biosynthesis. This is in contrast to the effects of IAT mislocalization in *Penicillium chrysogenum*.

Involved units

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