

Publication**A signal sequence is not sufficient to lead beta-galactosidase out of the cytoplasm****JournalArticle (Originalarbeit in einer wissenschaftlichen Zeitschrift)****ID** 153842**Author(s)** Moreno, F.; Fowler, A. V.; Hall, M. N.; Silhavy, T. J.; Zabin, I.; Schwartz, M.**Author(s) at UniBasel** [Hall, Michael N.](#) ;**Year** 1980**Title** A signal sequence is not sufficient to lead beta-galactosidase out of the cytoplasm**Journal** Nature**Volume** 286**Number** 5771**Pages / Article-Number** 356-359

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Escherichia coli strains have been constructed in which lacZ, the gene for the cytoplasmic enzyme beta-galactosidase, is fused to lamB, the gene for an outer membrane protein. One such strain produces a beta-galactosidase which remains cytoplasmic even though it possesses the complete signal sequence of the lamB protein precursor at the amino-terminal end.

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