RHAMNOSE PROMOTER EXPRESSION SYSTEM

ABSTRACT

The present invention relates to new vectors expressible in a host comprising the *rhaBAD* promoter region of the L-rhamnose operon operably linked to a transcriptional unit comprising a) a nucleic acid sequence which is heterologous to said host b) a prokaryotic signal sequence operably linked to said nucleic acid sequence, whereas said prokaryotic signal sequence is selected from signal peptides of periplasmatic binding proteins for sugars, amino acids, vitamins and ions and, whereas the expression of said nucleic acid sequence is controlled by said promoter region. Also disclosed are: the use of said new vector for the regulated heterologous expression of a nucleic acid sequence in a prokaryotic host; an isolated and purified nucleic acid sequence expressible in a host comprising the promoter region of the L-rhamnose operon; and a method for producing a polypeptide in a host using said vector.

No suitable figure