ABSTRACT

N-TERMINALLY EXTENDED PROTEINS EXPRESSED IN YEAST

The present invention relates to polypeptides expressed and processed in yeast, a DNA construct comprising a DNA sequence encoding polypeptide having the following structure signal peptide-leader peptide-X_1-X_2-X_3-X_4-X_5-X_6-X_7-heterologous protein, X_1 is Lys or Arg; X_2 is Lys or Arg, X_1 and X_2 together defining a yeast processing site; X_3 is Glu or Asp; X_4 is a sequence of amino acids with the following structure (A-B)n wherein A is Glu or Asp, B is Ala, Val, Leu or Pro, and n is O or an integer from 1 to 5, and when n>2 each A and B is the same or different from the other A(s) and B(s), or X_4 is a sequence of amino acids with the following structure (C)m wherein C is Glu or Asp, and m is O or an integer from 1 to 5, X_5 is a peptide bond or is one or more amino acids which may be the same or different; X_6 is a peptide bond or an amino acid residue selected from the group consisting of Pro, Asp, Thr, Ser, Glu, Ala and Gly; and X_7 is Lys or Arg.

This Sheet Has Been Replaced

