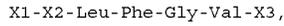


the peptide encoded by the first nucleic acid molecules including an amino acid sequence represented by the following formula (I):



where each of X1 and X3 independently represents an amino acid sequence consisting of any 1 to 10 amino acids, and X2 represents Lys or Arg.

6. An expression vector comprising nucleic acid molecules as set forth in claim 5.

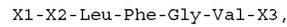
7. A transformant into which nucleic acid molecules as set forth in claim 5 have been introduced in a manner that allows the nucleic acid molecules to be expressed therein.

8. A transformed plant into which nucleic acid molecules as set forth in claim 5 have been introduced in a manner that allows the nucleic acid molecules to be expressed therein.

9. A method for producing a chimeric protein which is capable of repressing transcription, comprising the steps of:

transforming cells with use of an expression vector including nucleic acid molecules as set forth in claim 5; culturing the cells thus transformed, in order to obtain an expression product; collecting the expression product; and purifying the expression product.

10. Method for producing a chimeric protein which is capable of repressing transcription, comprising the step of: linking (i) a peptide which is capable of repressing transcription in a plant to (ii) a transcription factor or its DNA-binding domain, the peptide including an amino acid sequence represented by the following formula (I):



where each of X1 and X3 independently represents an amino acid sequence consisting of any 1 to 10 amino acids, and X2 represents Lys or Arg.

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