

ABSTRACT OF THE DISCLOSURE**PROCESS TO OBTAIN THE EXPRESSION OF OR TO ENHANCE THE LEVEL OF
EXPRESSION OF A GENE**

The invention relates to a process to obtain the expression of, or to enhance the level of expression of a gene or part of a gene, so-called receptor gene, in the genome of an eucaryotic cell, said receptor gene being able to be made functional or more efficient when it is recombined with a complementary DNA, said process comprising :

- the introduction into eucaryotic cells of a vector containing an insert, itself comprising the complementary DNA, so-called insertion DNA, and two sequences, so-called "flanking" sequences, either side of the insertion DNA, respectively homologous to two genomic sequences adjacent to the desired insertion site in relation to the receptor gene;
- the insertion DNA comprising a gene or part of a gene, and being heterologous to the receptor gene ;
- the flanking sequences being chosen in order to permit, by homologous recombination, the juxtaposition of the insertion DNA in relation to the receptor gene, in such manner that the insertion DNA makes functional or enhances the functioning of the receptor gene.

Figure 1

