

Transgenesis Lab Notebook

1) Paste here the cDNA sequence.

- Underline the ATG (Met) initial codon and the Stop codon (this defining where begins and ends the codifying region).
- **Mark the position of the restriction sites** BamHI, EcoRI, Sall, SmaI, PstI as identified by the NEBCutter 2.0 program.

2) Interpret de Electroforesis Gel and **localize the position of the restriction sites** BamHI, Sall, SmaI, PstI.



3) Do you want to...

- Over-express the cDNA.....Sense
- Supress the expression of the cDNA in Mouse.....Anti-sense.

Select the restriction sites you will use and make a drawing representing the insertion of the cDNA in the viric vector.

- BamHI EcoRI Sall SmaI PstI

