pROSA26-GNrep vector

Catalogue number: 160576
Sub-type: pROSA26
Images:

Contributor

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Images:

Tool details

*FOR RESEARCH USE ONLY

Name: pROSA26-GNrep vector

Alternate name:

Class:
Conjugate:
Description: This vector was used to generate a reporter mouse for front-rear cell polarity (mouse linked above in the "Related" tab).
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype:
Reactivity:
Selectivity:
Host:
Immunogen:
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:
Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes:

As a backbone for this vector, pROSA26â€?DV2 vector that carries Rosa26 5â€²â€? and 3â€²â€?homology arms and enables rapid, modular, and efficient generation of plasmid DNA suitable for homologous recombination into the Rosa26 genomic locus of mouse embryonic stem cells (mESCs) was used (Nyabi et al., 2009, PMID:19279185). This plasmid allows for multisite Gateway recombinationâ€?mediated insertion of three entry DNA sequences which was used here to generate pROSA26â€?GNrep vector, containing a CAGGS synthetic promoter followed by a loxPâ€?dSTOPâ€?loxP cassette, the GNrep cassette, by a selection cassette pAâ€?FRTâ€?PGKâ€?Neoâ€?pAâ€?FRT (linked in "Related" above).

Target details

Target:

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application:
Application notes: This vector was used to generate a reporter mouse for front-rear cell polarity (mouse linked above in the "Related" tab).

Handling

Format:
Concentration:
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer:
Storage conditions:
Shipping conditions:

Related tools

Related tools: GNrep mouse

References

References: Porchet et al. 2003. Neuroreport. 14(7):929-33. PMID: 12802177.