

INK2SO0025.2_APOE_R136S_A01_AB








## APOE-201





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CAGTGGCACGATCTTGGCTCACT
 GTCACCGTGCTAGAACCGAGTGA
$3^{\prime}$
$5,^{3803}$

```
/note = }\quad\begin{array}{l}{\mathrm{ gene ENSG00000130203}}\\{\mathrm{ Protein coding }}
```

APOE-204
/note
APOE-201
/note
APOE-205
/note

APOE-203
/note
APOE-203

- 4 segments $=807 \mathrm{bp}$ /note

APOE-202
/note
APOE-201

- 3 segments $=954 \mathrm{bp}$
/note
/translation

APOE-202

- 3 segments $=658 \mathrm{bp}$
/note
/translation $\quad=$ coding sequence ENSP00000410423

APOE-204

- 3 segments $=648 \mathrm{bp}$
/note
= coding sequence ENSP00000413135
 YRGEVQAMLGQSTEELRVRLASHLRKLRKRLLRDADDLQKRLAVYQAGAREGAERGLSAIRERLGPLVEQGRVRAATVGSL
216 amino acids $=24.6 \mathrm{kDa}$
Donor Template WT -> SNV
SNV
/note
$=W T=C$
SNV = A
PAM
Protospacer Sequence
note
2927 .. $3005 \quad 79 \mathrm{bp} \quad \square \quad \mapsto \quad$ misc_feature

2966 .. $29661 \mathrm{bp} \square \quad$ misc_feature

| 2968 | 2970 | 3 bp | $\square$ | $\mapsto$ | misc_feature |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2971 | 2990 | 20 bp | $\square$ | $\mapsto$ | misc_feature |
| 3585 | 9378 | 794 bp | $\square$ | $\rightarrow$ | gene |

$=\underset{\text { TEC }}{\text { primary transcript ENSTO00000623895 }}$


