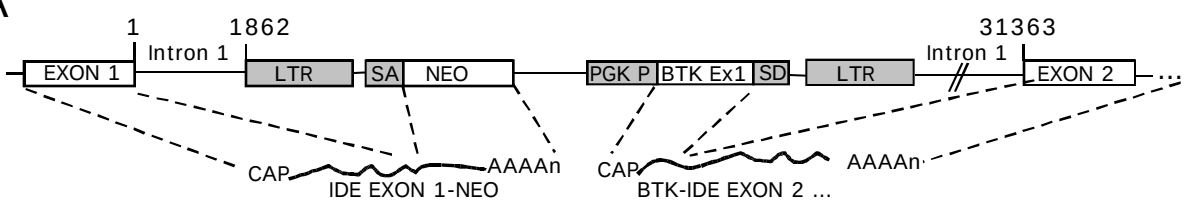
Fig. 4

A



B

```
OST132429   3  FPKQTYSTMSNPAIQRIEDQIVKSPEDKREYRGLELANGI
               |||||||||||||||||||||||||||||||||||||||||
IDE Exon 2 34  FPKQTYSTMSNPAIQRIEDQIVKSPEDKREYRGLELANGI
                         .         .         .         .
OST132429  51  KVLLISDPTTDKSSAALDVHIGSLSDPPNIPGLSHFCEHMLFLGTK
               ||||||||||||||||||||
IDE Exon 2 83  KVLLISDPTTDKSSAALDVHI
```

C

```
1662
|         .         .         .         .         .
GCCCTCCTCAAAAAAACCAAACCAAACCAAACCAAACCAAAACAAAAACC
AAAAAAATGTGACTTGGGGATGGGACTTGTGATCTAATGAAACTGGGAGG
GTTGGAGATTAGATGTAAAGATCTGTGTCAGGAGGAGGGACCGGAAGCTG
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TTTTAAGCAGAGTTGTTCAGAGAGGCTAGTAGCAGTGGAATTTATGGAAC
TTGTTTTCCCTCCCTTTATCTCCTACTACACCATAAAATCCATTACAGTG
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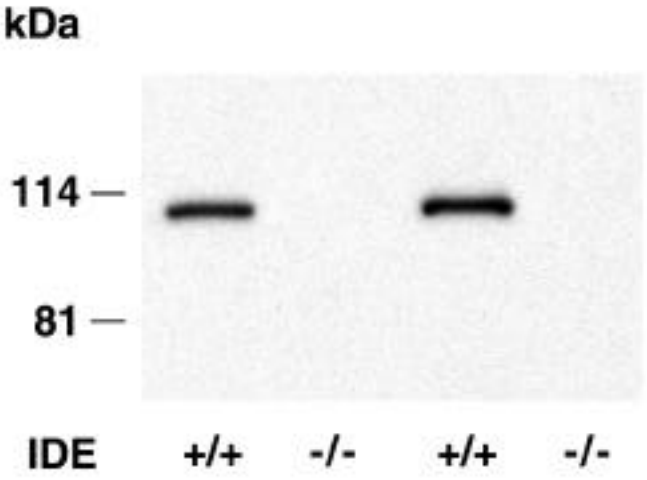
D