

# Partial exam 2

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# 1 Exercise 1

## 1.1

```
>NP_002519.2 endonuclease III-like protein 1 isoform 1 [Homo  
  ↪ sapiens]  
MTALSARMLTRSRLGPGAGPRGCREEPGPLRRREAAAEARKSHSPVKRPRKAQRLRVAYEGSDSEKGE  
AEPLKVPVWEPQDWQQQLVNIRAMRNKKDAPVDHLGTEHCYDSSAPPKVRRYQVLLSLMLSSQTKDQV  
TAMQRLRLRARGLTVDLSILQTDDATLGKLIYPVGFWRSKVKYIKQTSAILQQHYGGDIPASVAEL  
VALPGVG  
PKMAHLAMAVAWGTVSGIAVDTHVHRIANRLRWTKKATKSPEETRAALEEWLPRELWHEINGLLV  
GFGQQ  
TCLPVHPRCHACLNQALCPAAQGL
```

The accession number is NP\_002519.2

## 1.2

## 1.3

- Common fruit fly - *Drosophila melanogaster*
- European honey bee - *Apis mellifera*
- Chicken - *Gallus gallus domesticus*
- Apple tree - *mālus*
- Maize - *Zea mays*
- House mouse - *Mus musculus*

## 1.4

- *Mycobacterium tuberculosis* H37Rv - Human
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