

Uge 8

Tirsdag

# Dagens tekst

Evaluering

Spørgsmål

Bachelor projekter

Eksamen

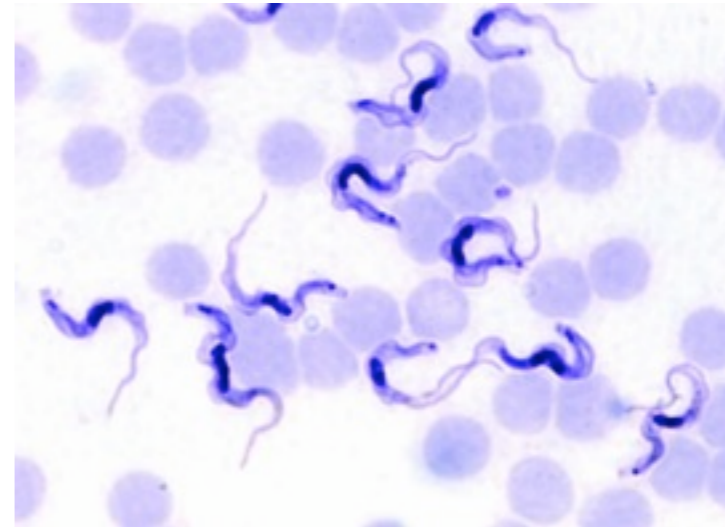
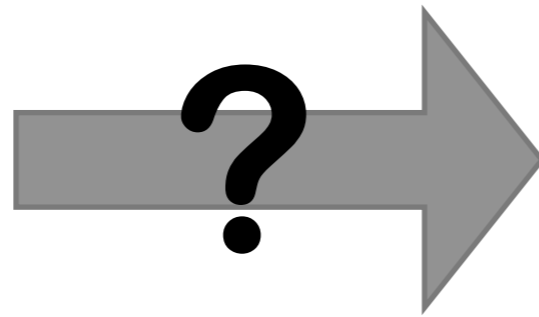
# Evaluering

Fem minutters stilhed i mindet om et stort kursus.

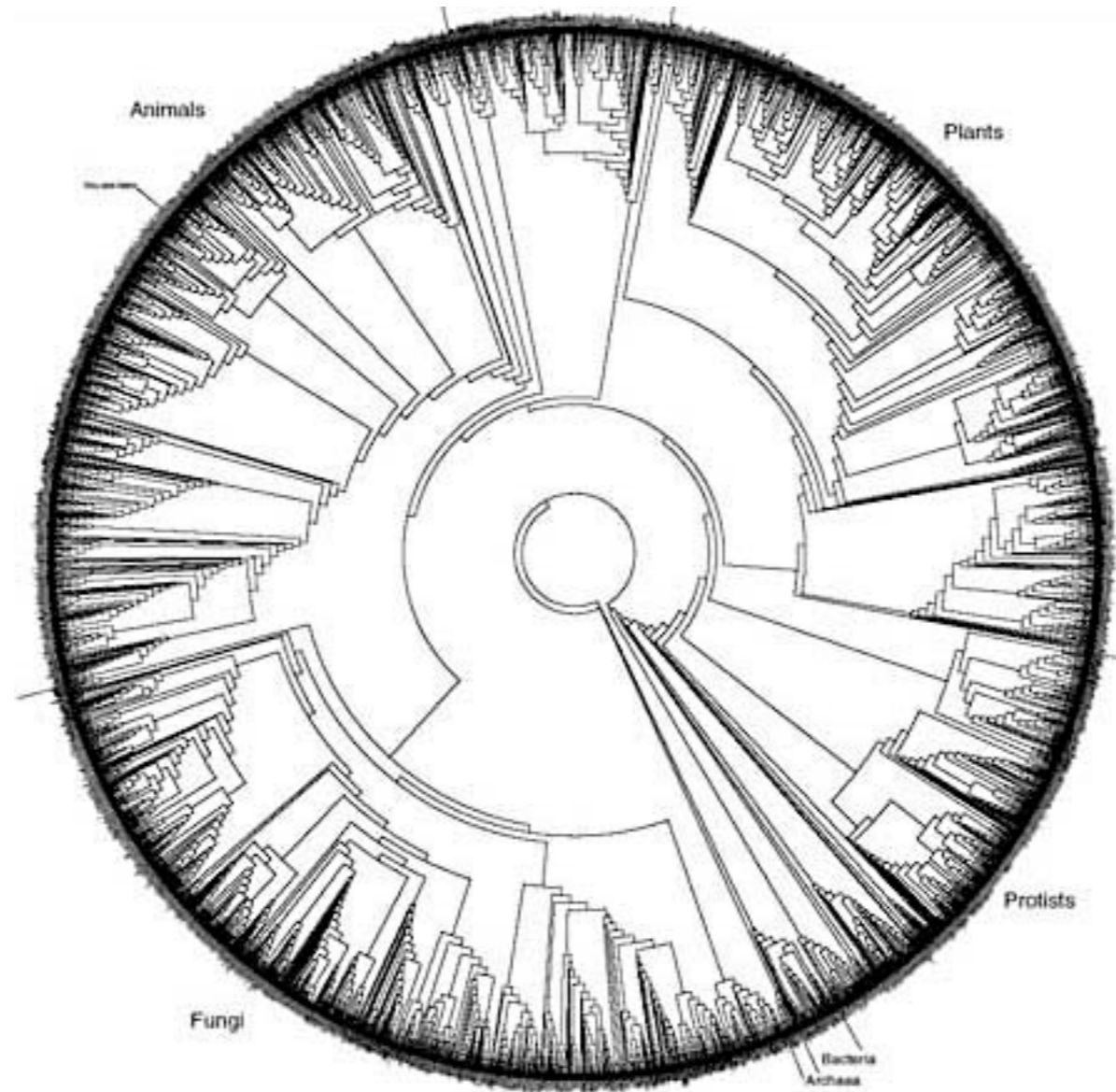
“Nothing in biology makes sense  
except in the light of evolution”

Theodosius Dobzhansky

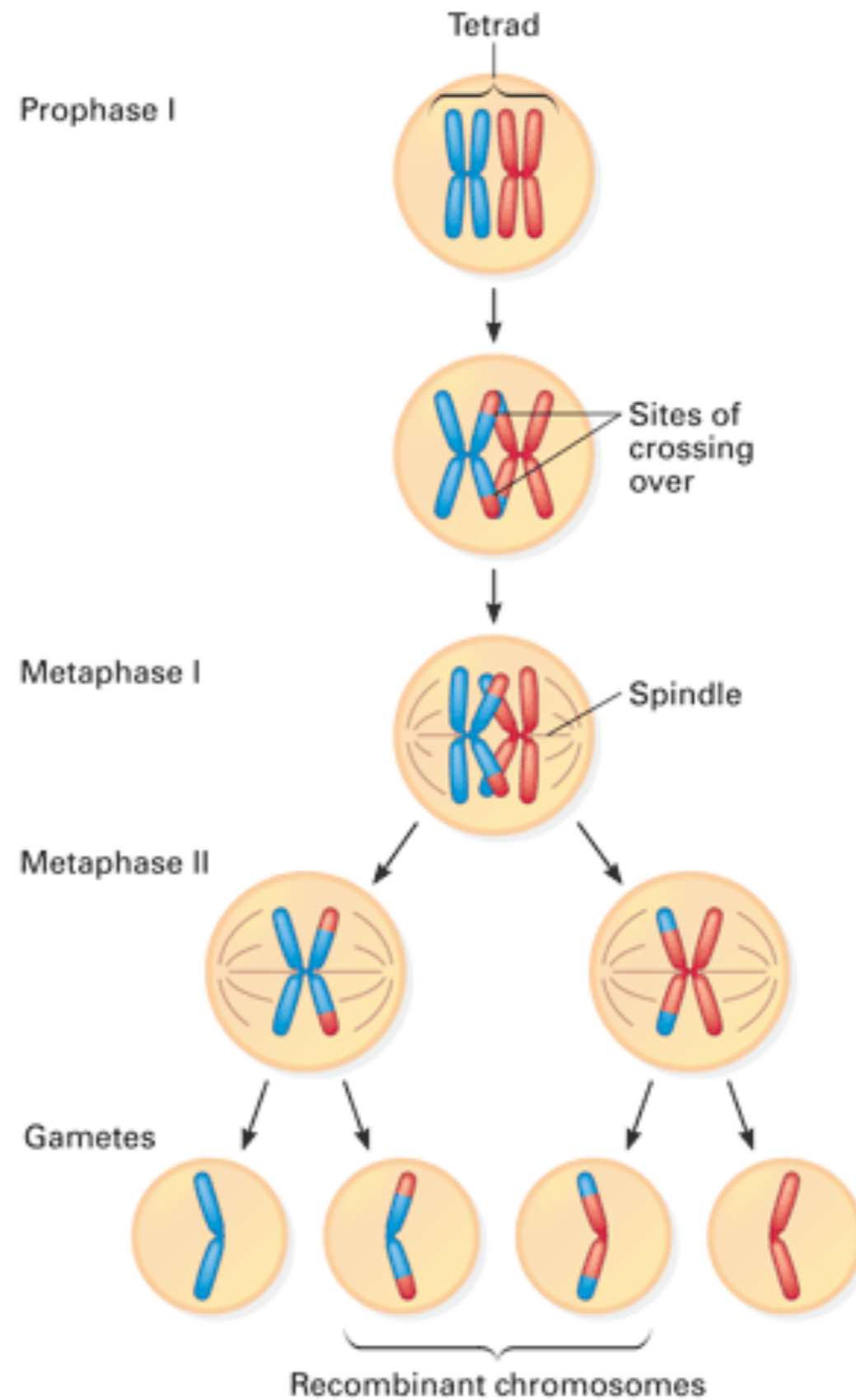
# Genetic Barcoding



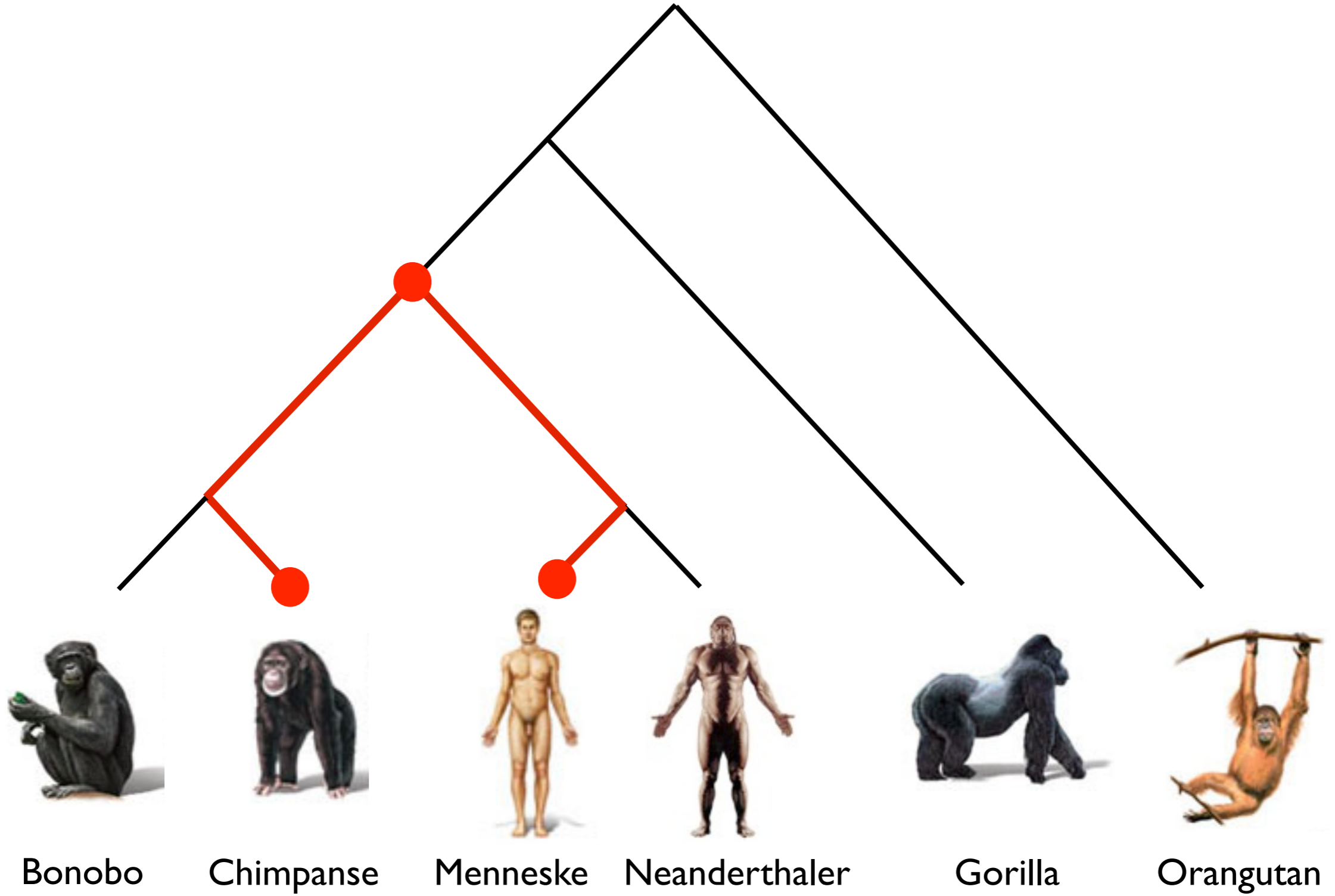
# Where to put the unknown sequence in the tree of life?



# Recombination

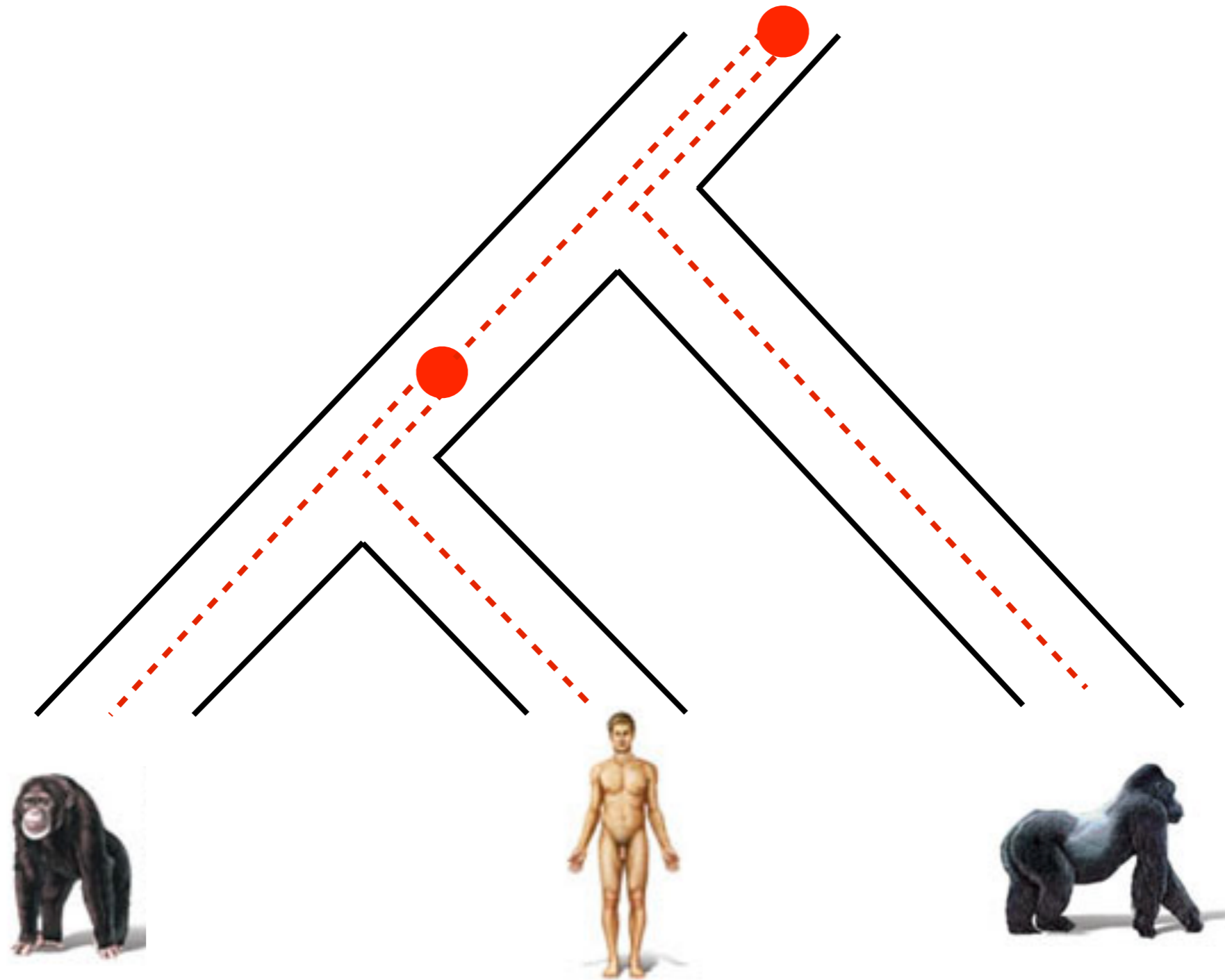


# Rekombination maps

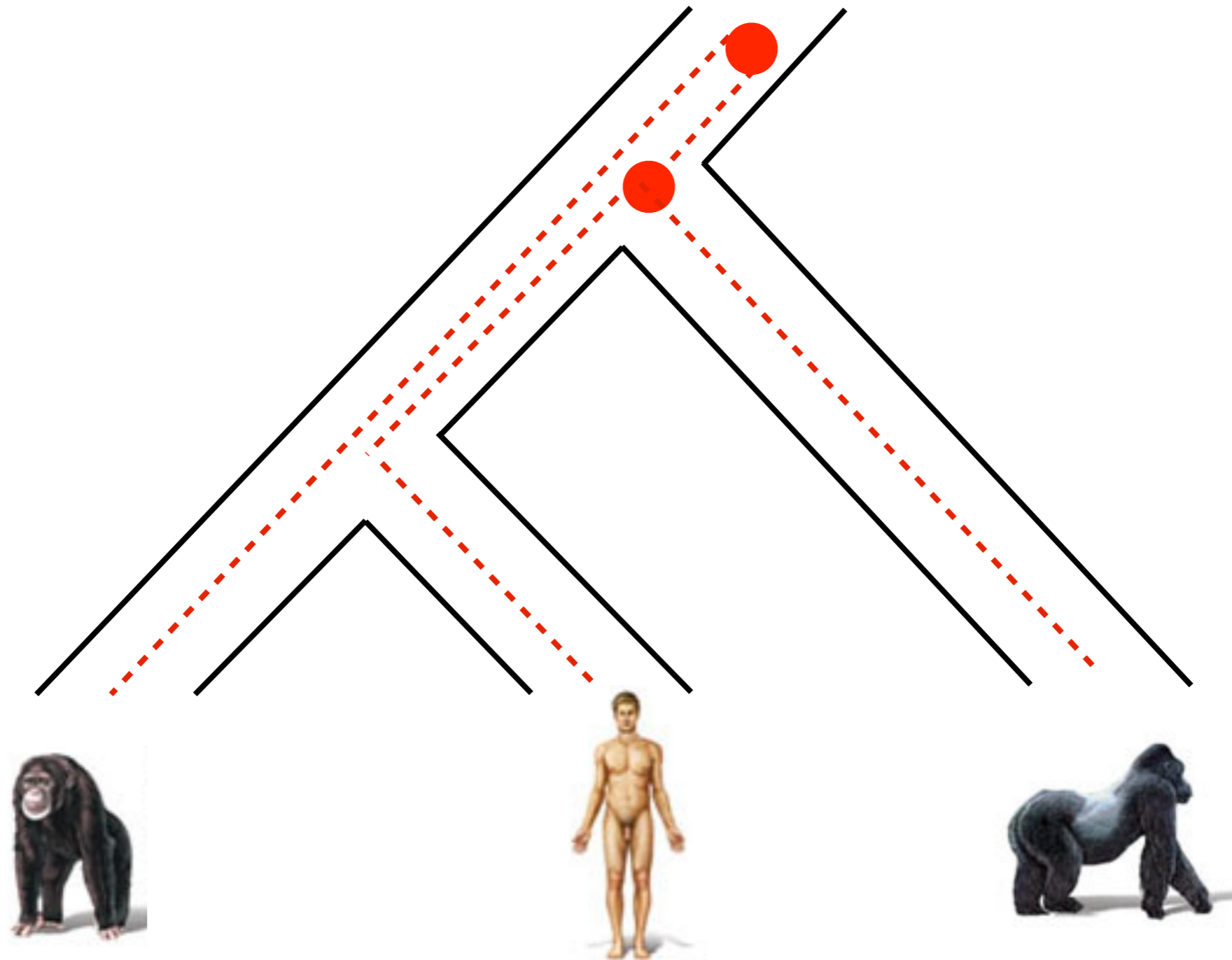


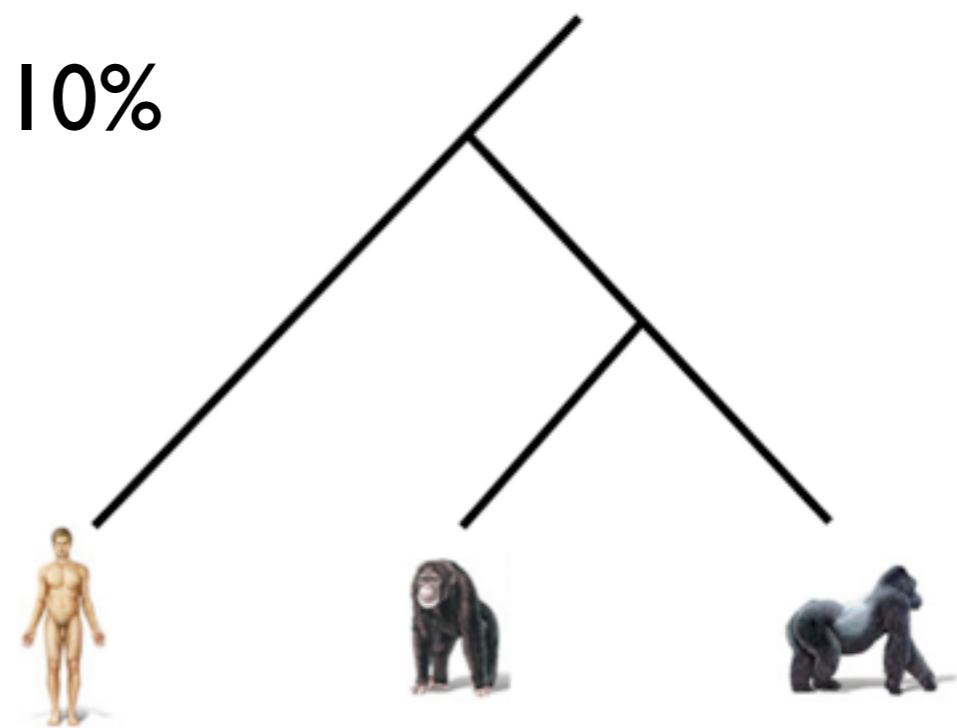
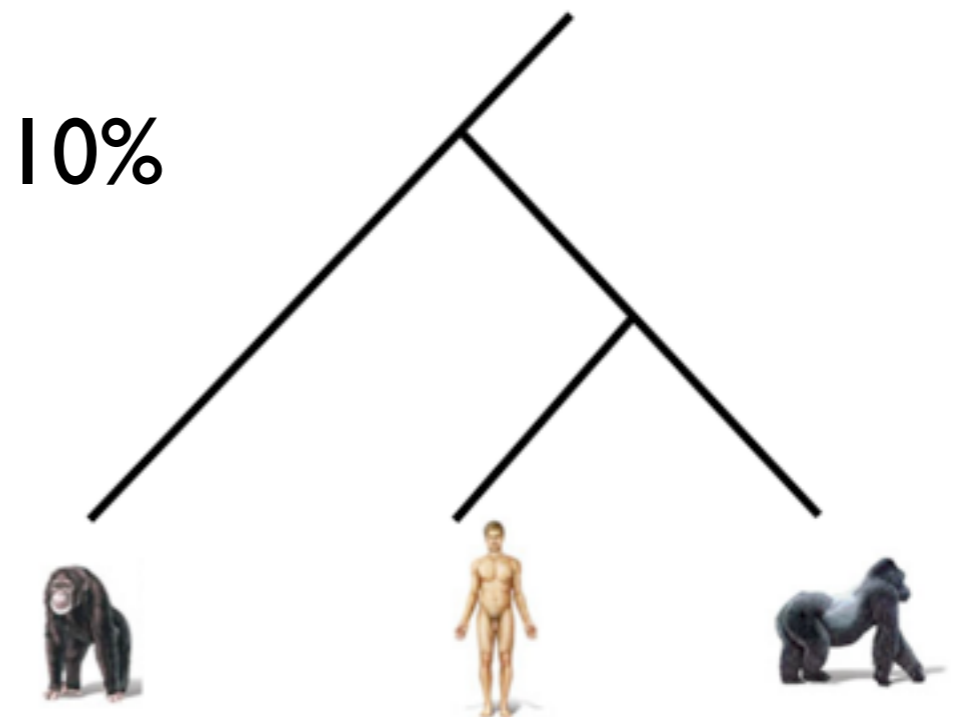
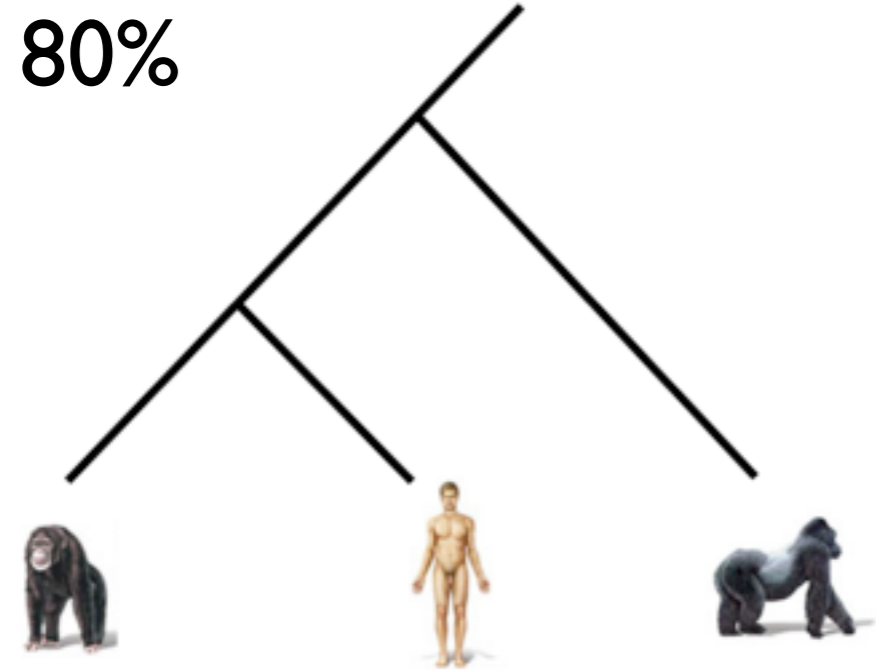


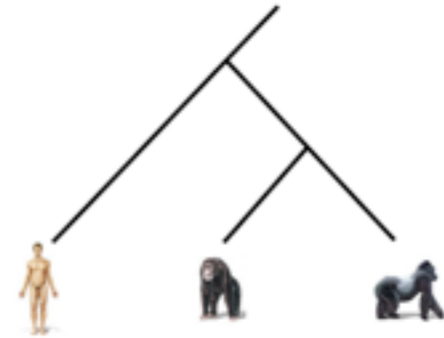
# The local phylogeny



# Incomplete lineage sorting







CAACCCTCTAAAGCTATTTTTGTATCCTGTATTCTTTGTCATGTATGGACACTTAACCTGTGTTCTGTCACTCTGTTTGCCATCTACAGTTTTTGACAAATT



CAACCCTCTAAAGCTATTTTTGTATCCTGTATTCTTTGTCATGTATGGACACTTAACCTGTGTTCTGTCACTCTGTTTGCCATCTACAGTTTTTAACAAATT



CAACCCTCTAAAGCTATTTTTGTATCCTGTATTCTTTGTCATGTATGGACACTTAACCTGTGTTCTGTCACTCTGTTTGCCATCTACAGTTTTTAACAAATT

# Løsning af eksamensopgaven

Løs opgaven alene!

Ingen eksterne moduler - kun standard Python

Brug de specificerede funktionsnavne og variabelnavne. Kopier funktionsnavne ind i jeres fil.

Løs opgaven på den måde der bliver bedt om.

Genbrug funktioner hvor det er naturligt.

Kommentarer bliver ikke læst! Koden skal tale for sig selv.

Opgaverne belønnes for rigtighed, forståelse af programmering indtryk af overblik, enkelhed/klarhed i løsning. Indtryk af trial/error pga. manglende forståelse gennemskues let.

# Format på aflevering

Kun funktionsdefinitioner!

```
def enFunktion(x):  
    ...
```

```
def enAndenFunktion(y):  
    ...
```

```
def endnuEnFunktion(a, b):  
    ...
```

# Eksempel

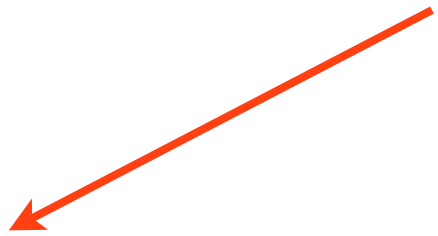
Write a function:

```
def upperAndReverse(s)
```

that turns a string `s` into upper case and reverses it.

# Eksempel

Copy and paste function names!



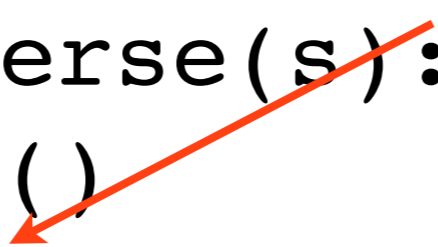
```
def upperAndReverse(s):  
    s = s.upper()  
    return s[::-1]
```



# Videre fra opgaver i ikke kan løse helt

```
def upperAndReverse(s):  
    s = s.upper()  
    return "REPSAK"
```

return "hard coded" result



# Eksamen

<http://users-cs.au.dk/kmt/AP2012/Exam2012>