**Hidden Markov Models**

* **Transmembrane prediction using THMM (**<https://services.healthtech.dtu.dk/services/TMHMM-2.0/> **)**
  + **Overview**
  + **Residue specific data**
* **Domain prediction using HMMer** (<https://www.ebi.ac.uk/Tools/hmmer/search/hmmscan> )
  + **Output windo**
  + **E value**
  + **Positions**
  + **Alignment**
* **Domain generation using HMMer** (<https://www.ebi.ac.uk/Tools/hmmer/search/hmmsearch>)
  + **Input :** 
    - **Alignment**
    - **Target database**
    - **Restriction by organism**
  + **Output**
    - **HITS**
    - **Domain profile**
* **Jalview** (https://www.jalview.org/jalview-js/JalviewJS/)
  + **Load file**
  + **Get partial alignment (selection)**