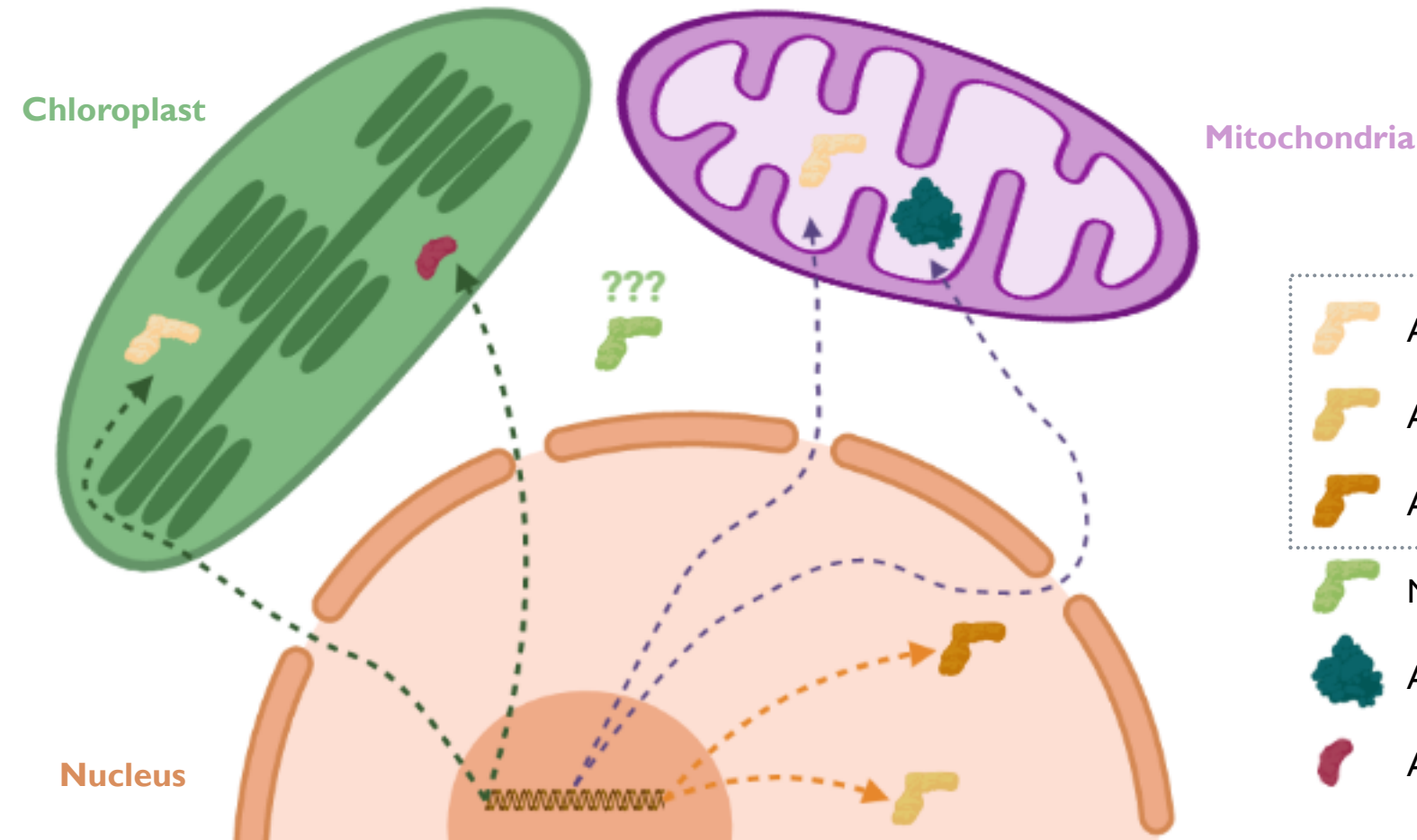


Study of the functional and structural diversity of NYN proteins

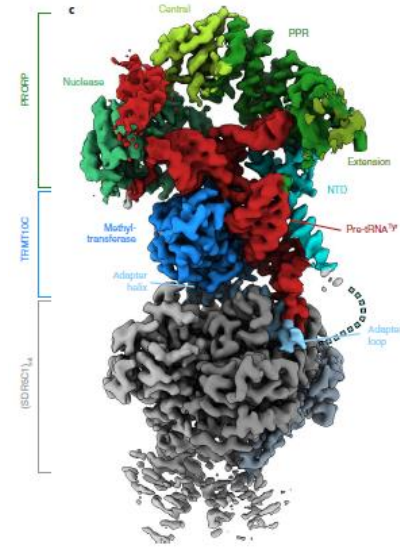
Léna Coudray 4th year PhD student

Huge variety of composition, location and function of NYN proteins

In land plants (*Arabidopsis thaliana* and *Nicotiana benthamiana*)



Structural study of PRORP proteins



- AtPRORP1 | RNase P activity
- AtPRORP2 | RNase P activity
- AtPRORP3 | RNase P activity
- NbPRORP2 | Unknown
- AtMNU2 | 5' ends mRNA maturation
- AtYacP1 | In Bs: cleavage of mRNA (associated to ribosome)