

- Method for calculation of the partition function for RNA
- in various variants used, e.g. co-folding of RNA for target prediction

## Definition (RNA partition function)

Let  $S$  be a sequence. The partition function  $Z$  for sequence  $S$  is defined as

$$Z = \sum_{P \text{ structure for } S} e^{\frac{-E(P)}{kT}}$$