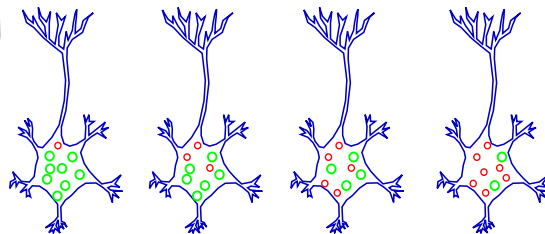
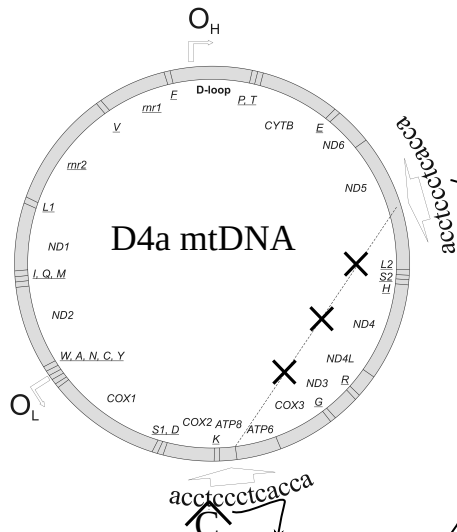


Gibbs Energy = -21.89 kcal/mol;
high stability of duplex => high probability of the deletions:

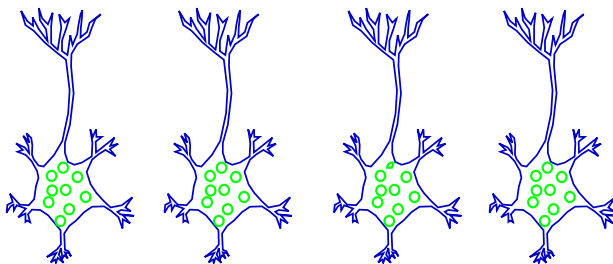


TIME

TCATCACCCAACCTTTTAA----A CT -- -----ACCTCCCTCACCAAGCCCATATAAAAAATAAAAAATTATAACAAACCCCTGAGAAC
AAAAATAAC CAAAACCA CCTTGGAGGGAGTGGTTCGG
TTTTTAT TG GTTT TGTT GGA
CCTCCTGA A -- AT GAGTGAAGTAAACGATCGTAATCGTCCTTATGGAAGGAGTGTCC----



Gibbs Energy = -17.71 kcal/mol;
low stability of duplex => low probability of the deletion:



TIME

TCATCACCCAACCTTTTAA----A CT -- -----ACCTCCCTCACCAAGCCCATATAAAAAATAAAAAATTATAACAAACCCCTGAGAAC
AAAAATAAC CAAAACCA CCTTGGAGGGAGTGGTTCGG
TTTTTAT TG GTTT TGTT GGA
CCTCCTGA A -- AT GAGTGAAGTAAACGATCGTAATCGTCCTTATGGAAGGAGTGTCC----