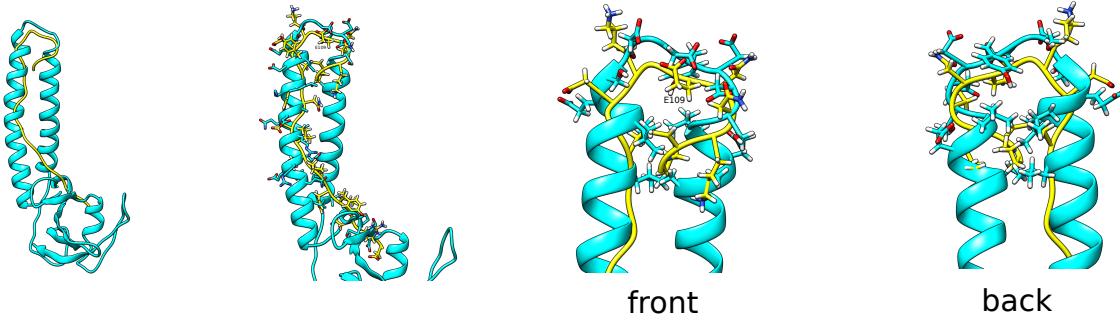
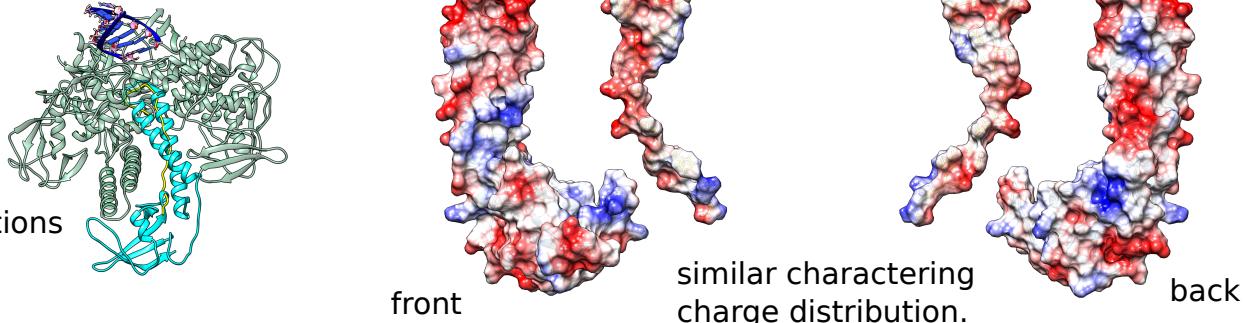


~~~~~ is colored cyan;  
~~~~~ is yellow for most  
of the time. (yellow ribbon
back bone and yellow side
chain carbon)

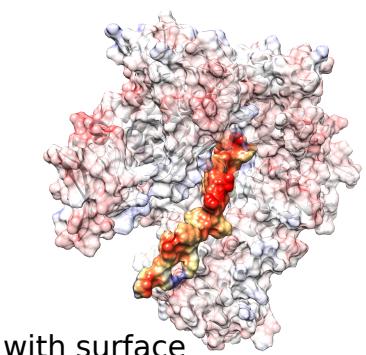
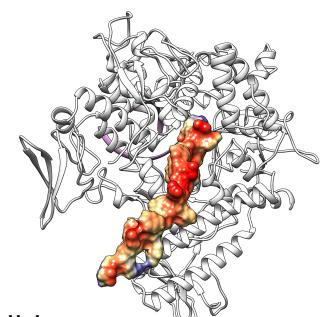
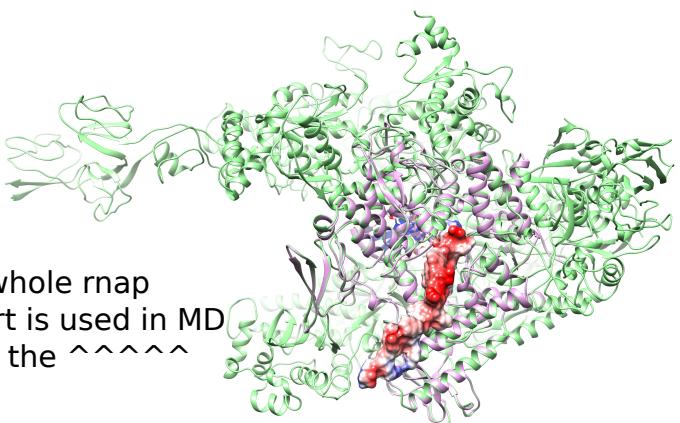
They share similar shape, charge
distribution around the loop,
and a hydrophobic loop center.



Their binding locations
are close.

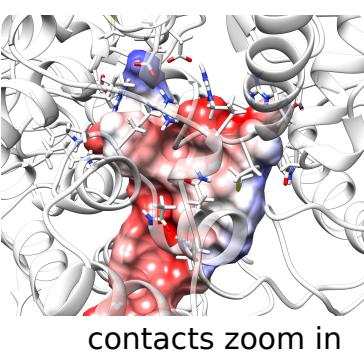
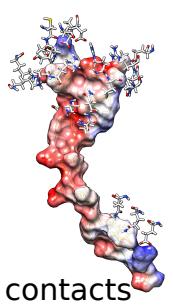
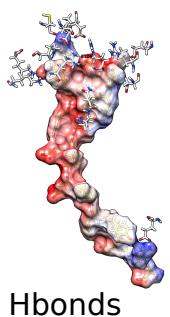
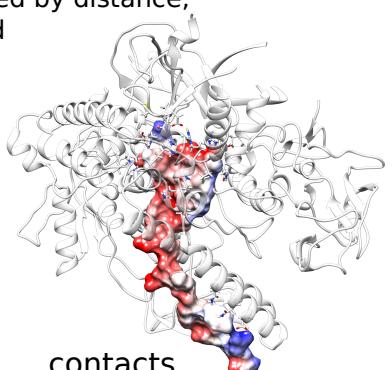


Green is whole rnap
Purple part is used in MD
Surface is the ~~~~~



Contact is merely judged by distance;
Hbond is regular hbond

Floating residues
are from ~~~~



next row is looking from another perspective:

