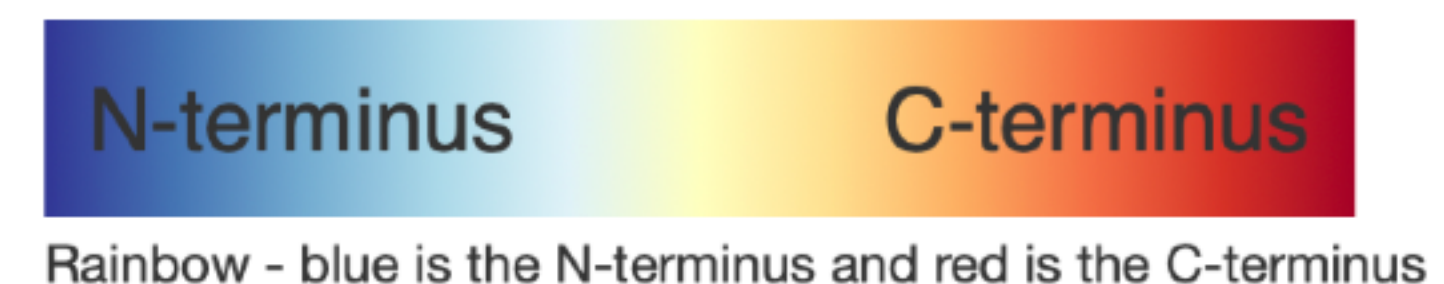
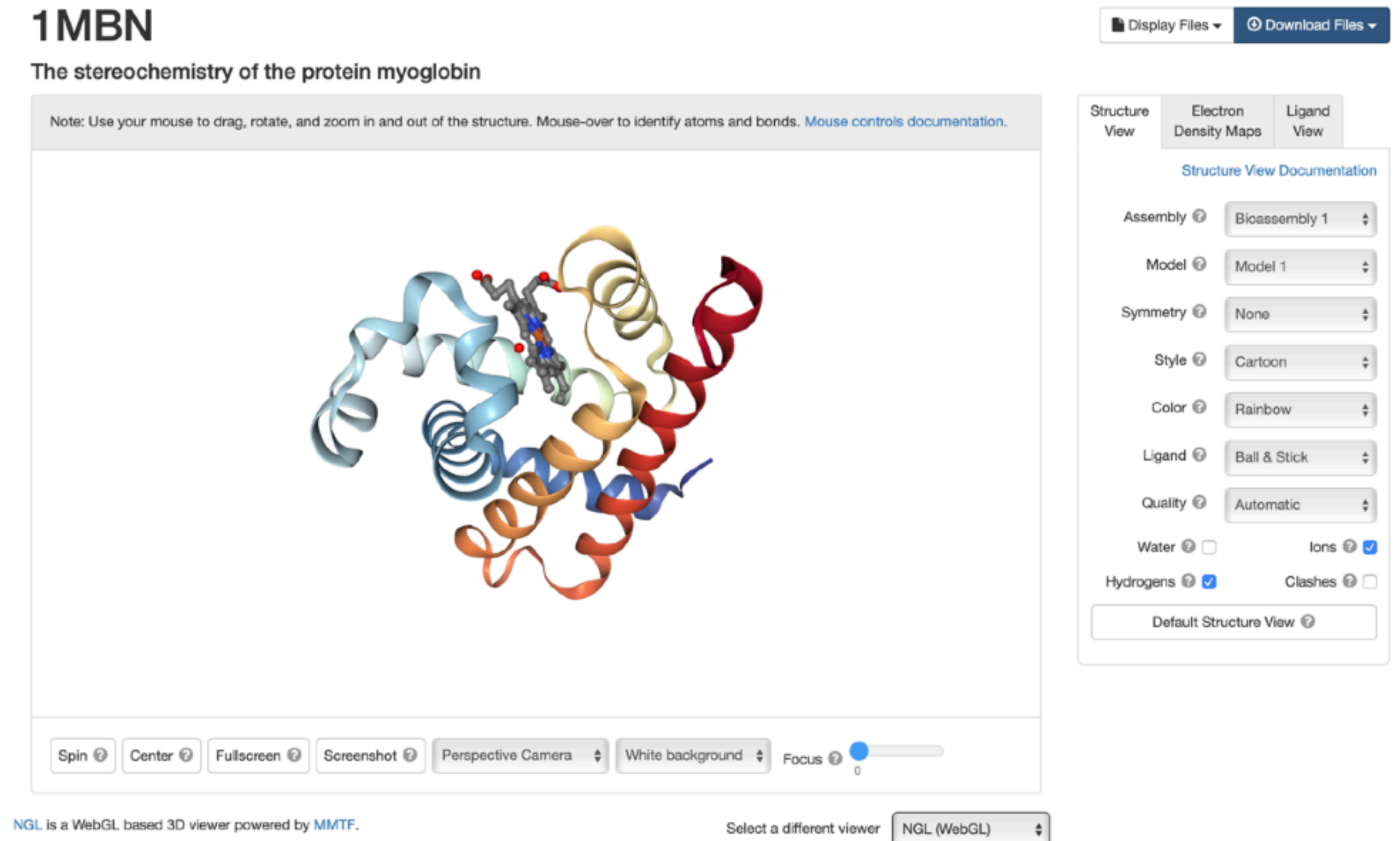
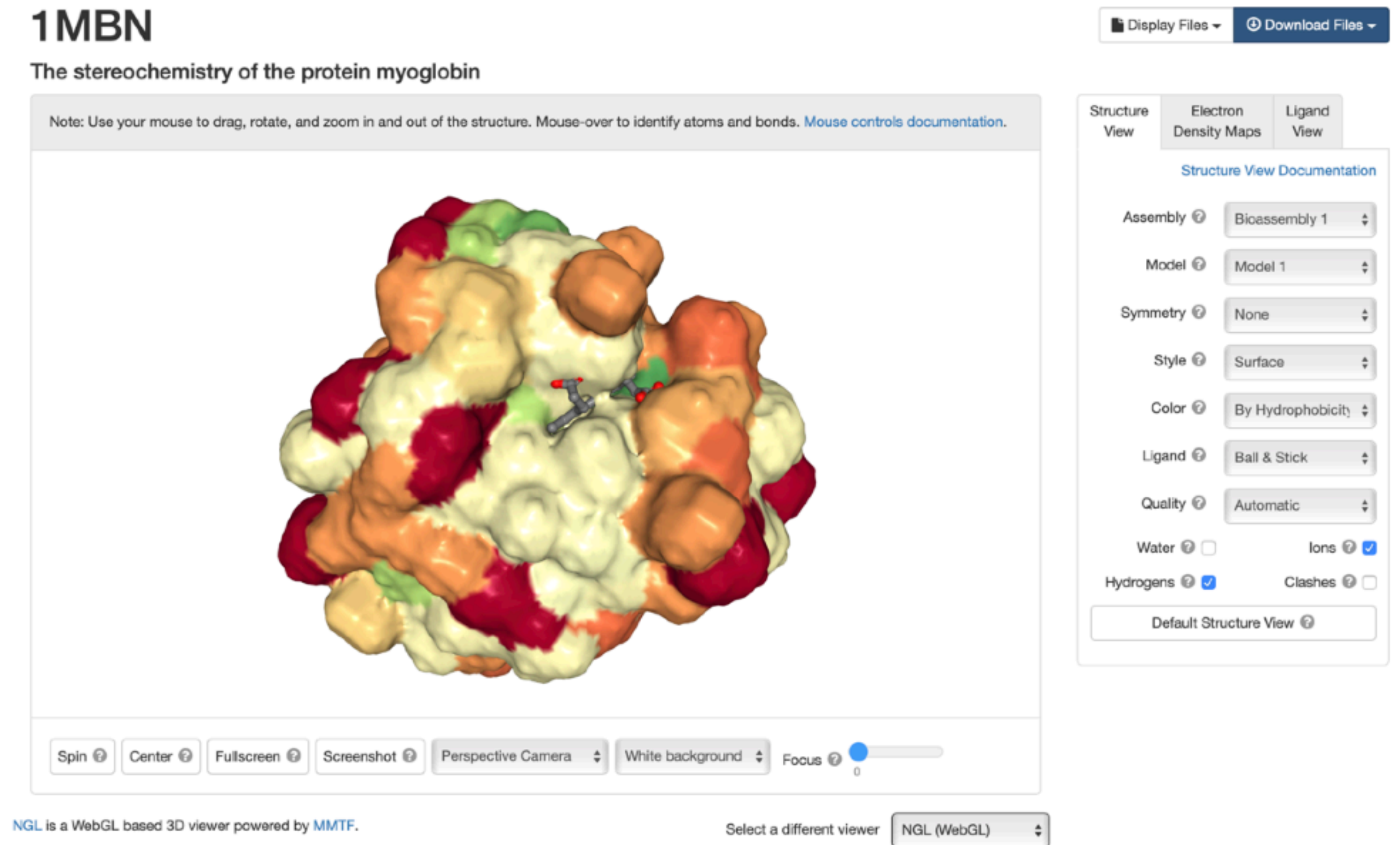


- If you go back to the “Cartoon” style and “Rainbow” color, you can more clearly see
- the order in which parts of the protein are connected.
- the secondary structure, which describes the local shape of the backbone. Myoglobin is mostly made of  $\alpha$  helices, one of the most common secondary structure elements.
- the tertiary structure, which shows the overall shape



- Change the Style to “Surface” and Color to “By Hydrophobicity”
- While “Cartoon” shows the skeleton of the protein, it can give a misleading impression about how much empty space there is. The Surface shows what the protein looks like from the outside.
- “By Hydrophobicity” will color amino acids by how much they like water.



By Hydrophobicity -- colored from red (hydrophilic) to green (hydrophobic).