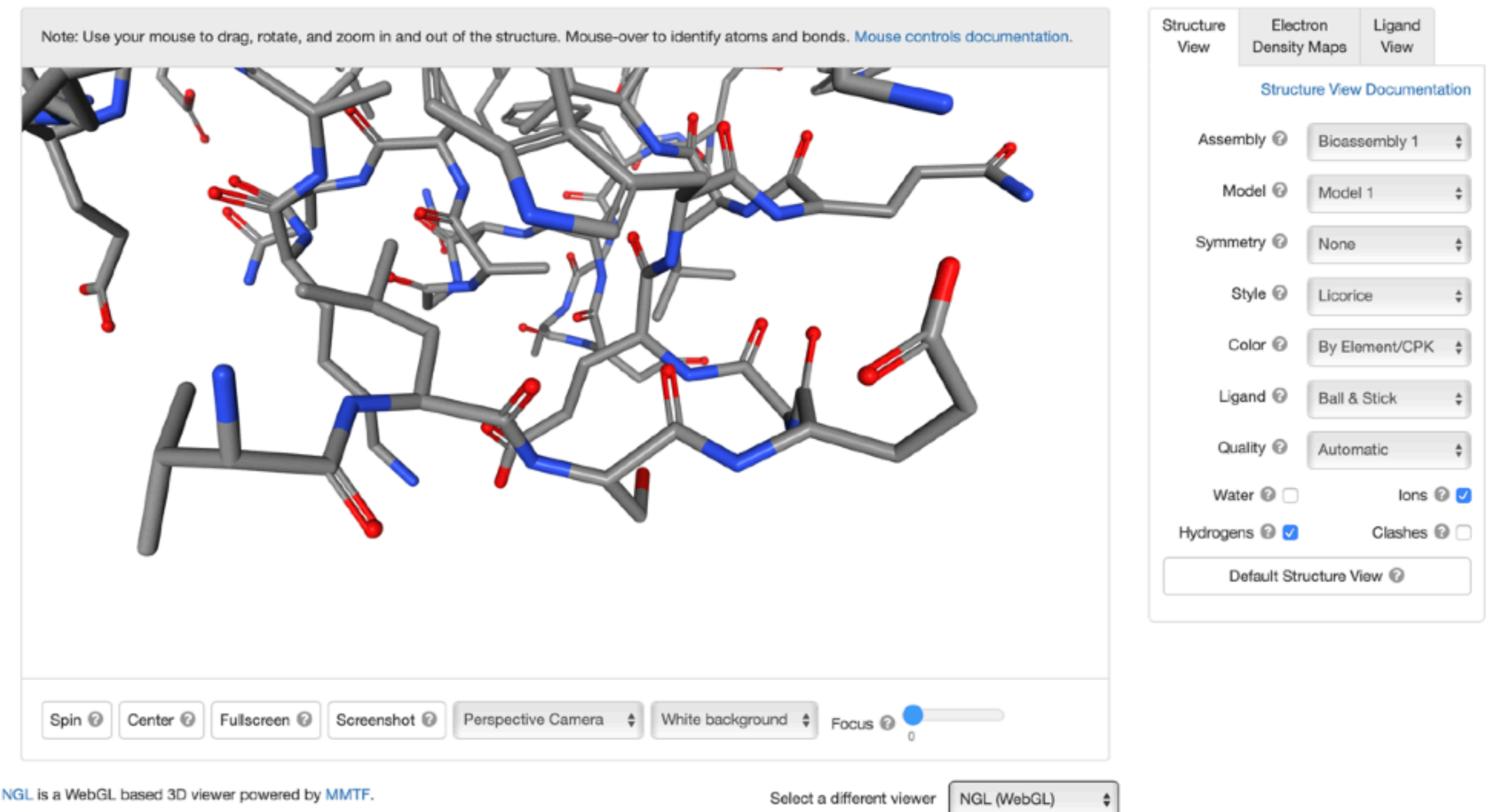


- If you zoom into the side of the molecule, you can see that it is a branched heteropolymer with a
 - repeating backbone
 - side chains

1MBN

The stereochemistry of the protein myoglobin

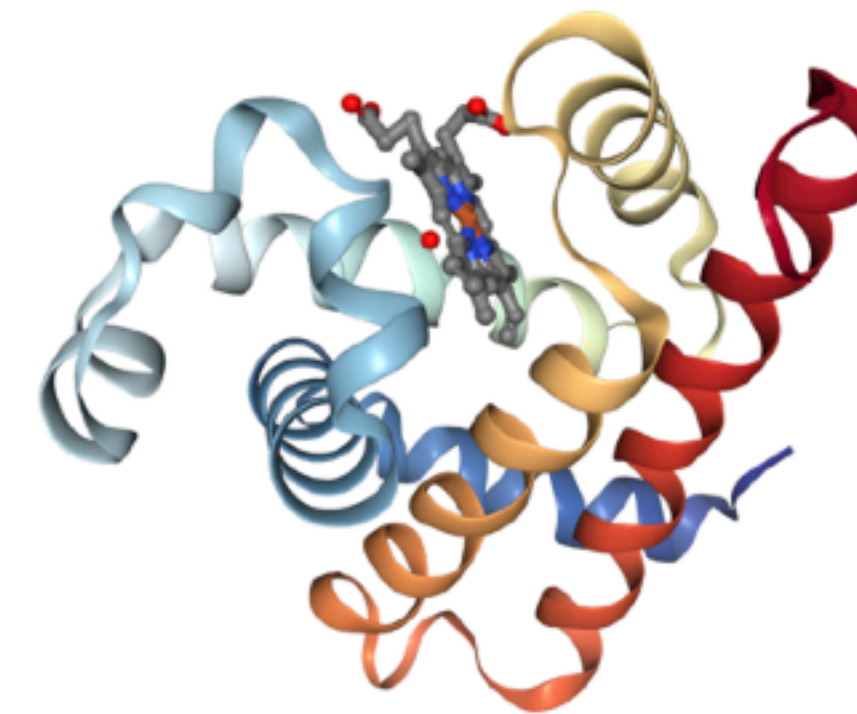


- If you go back to the “Cartoon” style and “Rainbow” color, you can more clearly see
- the order in which parts of the protein are connected.
- the secondary structure, which describes the local shape of the backbone. Myoglobin is mostly made of α helices, one of the most common secondary structure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

1MBN

The stereochemistry of the protein myoglobin

Note: Use your mouse to drag, rotate, and zoom in and out of the structure. Mouse-over to identify atoms and bonds. [Mouse controls documentation](#).



Spin Center Fullscreen Screenshot Perspective Camera White background Focus 0

NGL is a WebGL based 3D viewer powered by MMTF.

Select a different viewer NGL (WebGL)

Display Files Download Files

Structure View Electron Density Maps Ligand View

[Structure View Documentation](#)

Assembly Bioassembly 1

Model Model 1

Symmetry None

Style Cartoon

Color Rainbow

Ligand Ball & Stick

Quality Automatic

Water ☐ Ions ☒

Hydrogens ☒ Clashes ☐

Default Structure View

N-terminus

C-terminus

Rainbow - blue is the N-terminus and red is the C-terminus