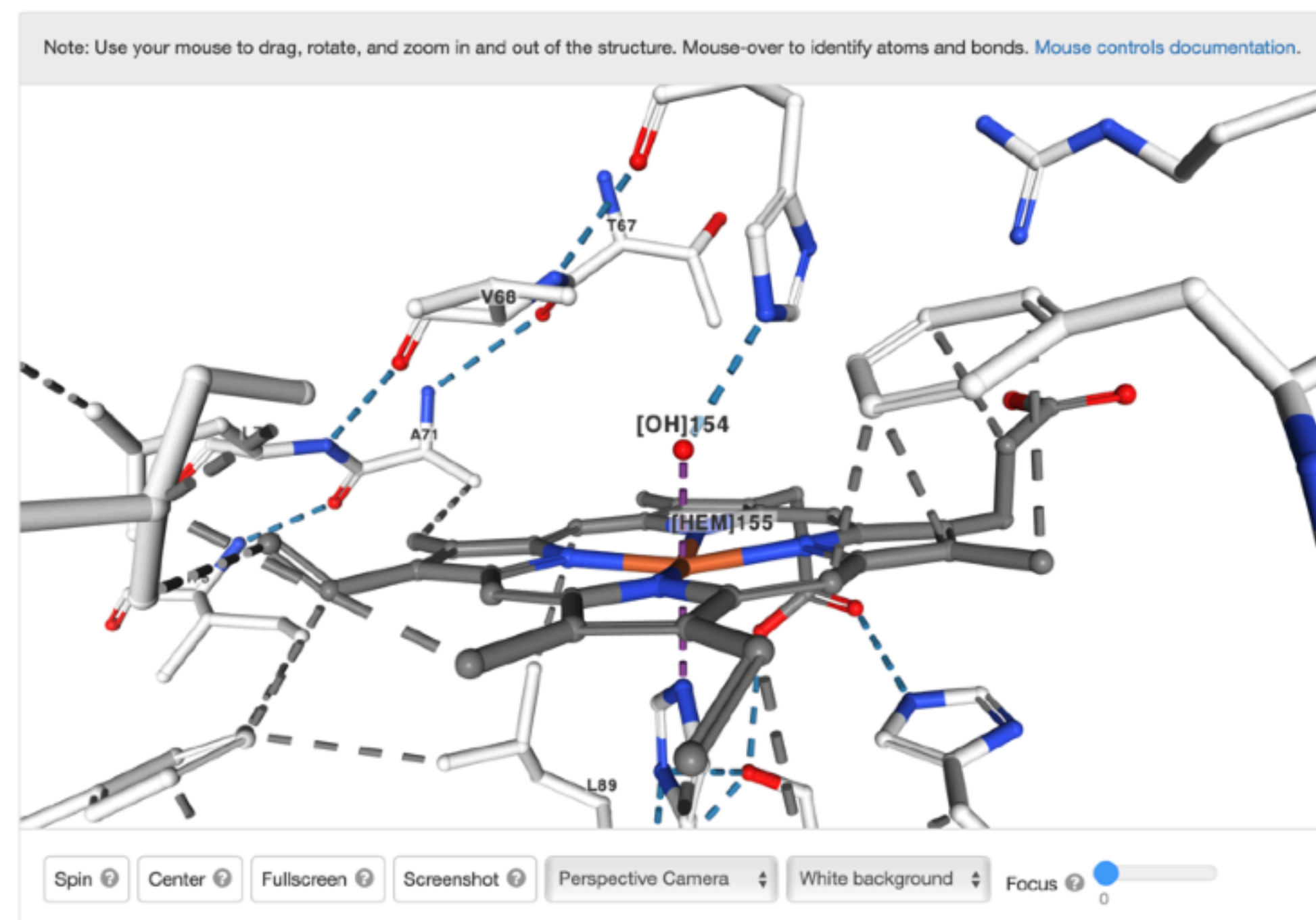


- Now try “Ligand View”, select [HEM]155:A as the ligand, and zoom in
- This is not a drug, but a heme prosthetic group that is noncovalently bound to the polypeptide
- Uncheck and check the types of bonds/contacts to see how they connect the heme group to the protein (these are predictions)

1MBN

The stereochemistry of the protein myoglobin



Display Files ? Download Files ?

Structure View Electron Density Maps Ligand View

[Ligand View Documentation](#)

The ligand pocket is only visible if the opacity is set to greater than zero.

Ligand ? [HEM]155:A

Pocket

Opacity ? 0

Near Clipping ? 0

Radius Clipping ? 100

Color ? By Hydrophobicity

Hydrogen Bonds (blue) ? ☒

Halogen Bonds (turquoise) ? ☒

Hydrophobic Contacts (grey) ? ☒

Pi Interactions (orange, green) ? ☒

Metal Interactions (purple) ? ☒

Label ? ☒

Polymer Display ? ☐

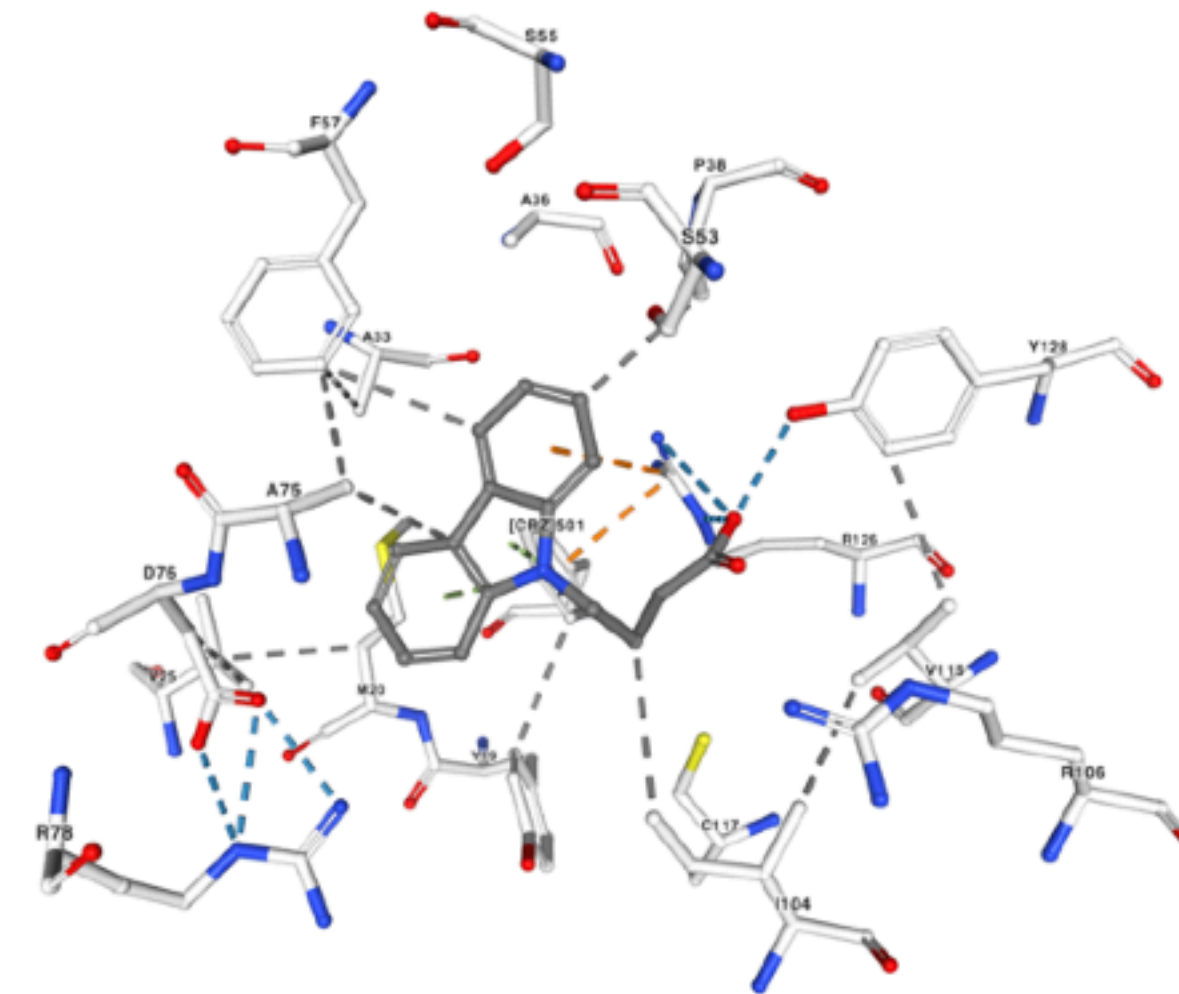
Default Ligand View ?

- For more drug-like interactions, see the ligand view for
- PDB ID 1TOW and Ligand [CRZ]501:A
- PDB ID 1PMN and Ligand [984]501:A

1TOW

Crystal structure of human adipocyte fatty acid binding protein in complex with a carboxylic acid ligand

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

Display Files ? Download Files ?

Structure View
Electron Density Maps
Ligand View

[Ligand View Documentation](#)

The ligand pocket is only visible if the opacity is set to greater than zero.

Ligand ? [CRZ]501:A

Pocket

Opacity ?

Near Clipping ?

Radius Clipping ?

Color ? By Hydrophobicity

Hydrogen Bonds (blue) ? ☒
Halogen Bonds (turquoise) ? ☒
Hydrophobic Contacts (grey) ? ☒
Pi Interactions (orange, green) ? ☒
Metal Interactions (purple) ? ☒

Label ? ☒
Polymer Display ? ☐

Default Ligand View ?