Cheat Sheet

Prepared by

To Navigate the 3D Canvas

Select/Rotate   **Move**   **Zoom**   **Slab**
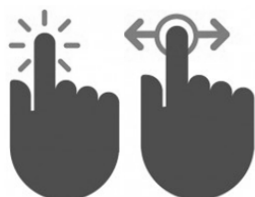
Left Click   Right Click   Scroll   Shift+ Scroll

To Color

- **Components**

→ Look for **Polymer** / **Ligand** / **Something else** and click on the right '**…**'

     → Click on ▾ next to a representation ('*Add Representation*' if want a new one):

         Cartoon Representation / **Gaussian Surface Representation** / **Something else**

         → Look for '**Color theme**' and click on the right '**…**'

            → Look for '**List**' and click on the bookmark icon   :

                 → Click on **Sequential** or **Diverging** or **Qualitative**

                     → Click on the Color palette for the component-representation

Useful 'Quick' Coloring Options

N-terminus to C-terminus (rainbow / 'chainbows')

- Components → Polymer → Set Coloring → Residue Property → Sequence Id

Secondary structure

- Components → Polymer → Set Coloring → Residue Property → Secondary Structure

To Make Selection

(needed for measurements & superposition)

- Zoom-in on section of interest & then start **Selection mode** by clicking on the arrow icon

    :

→ Look for **Residue** and change if appropriate – *e.g.* **Atom/Coarse Element/Chain**

     → Select one element and (if relevant) another element(s)

To Make Measurements

Distance

- Make 2 or more selections → Measurements → Add → Distance (for first 2 selections)

To Make Superposition

- Make 2 or more selections from different models (look for **Residue**   Prepared by

     → Superposition → Superpose (for first 2 selection