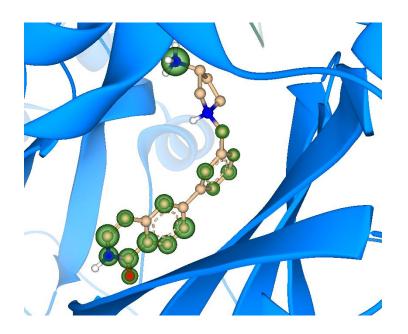






Example

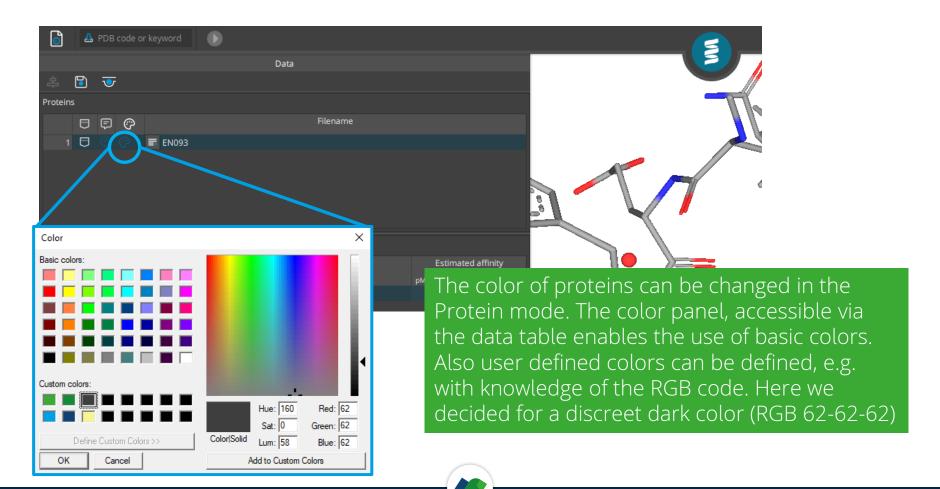


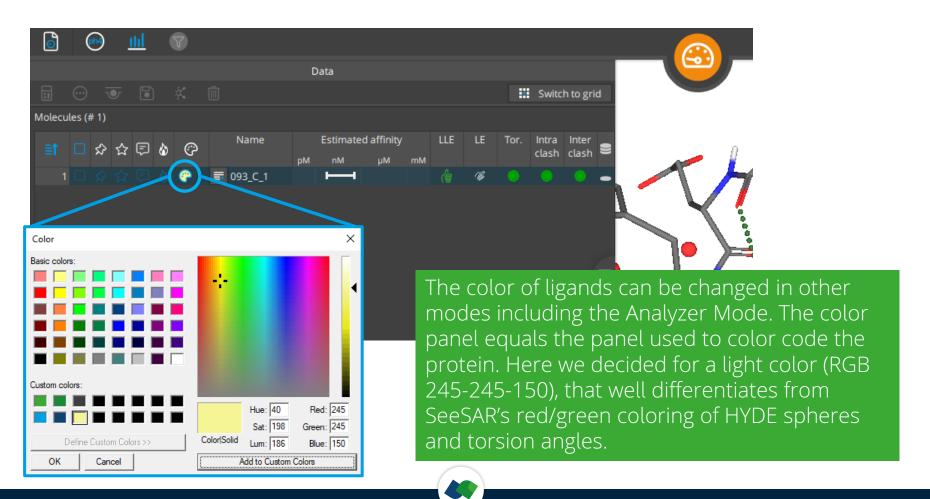
For this guide we will use a structure from the publication 'A magnet for the needle in haystacks: "Crystal structure first" fragment hits trigger targeted exploration of the Chemical Space to find novel active matter'.

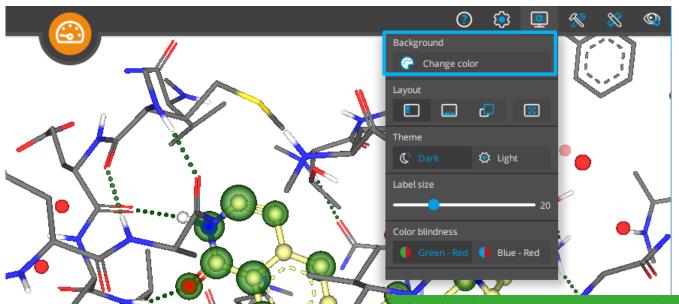
PDB-ID: 7PIH

Ligand EN093 ($K_i = 5.6 \mu M$)



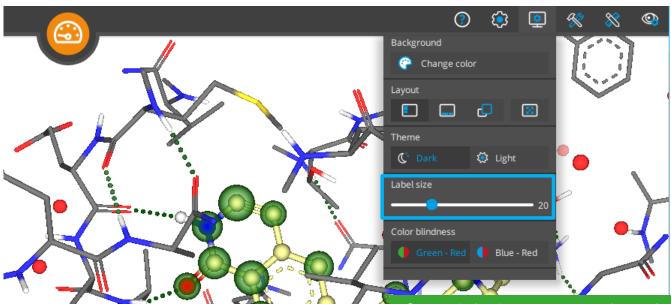






The background color can be changed in all modes of SeeSAR. Go to the top right toolbar 'Appearance' and open the Background color panel. In publications the background is usually set to white.





Label Size 12 Label Size 20

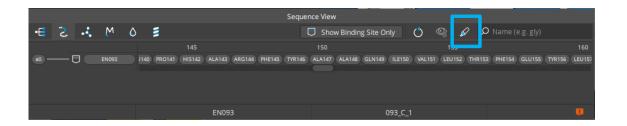
GLU_A_121 X

GLU_A_121 ×

If you label some residues before exporting the pose image the label size should be adjusted. This can be done in the same 'Appearance' setting as used to set the background color.

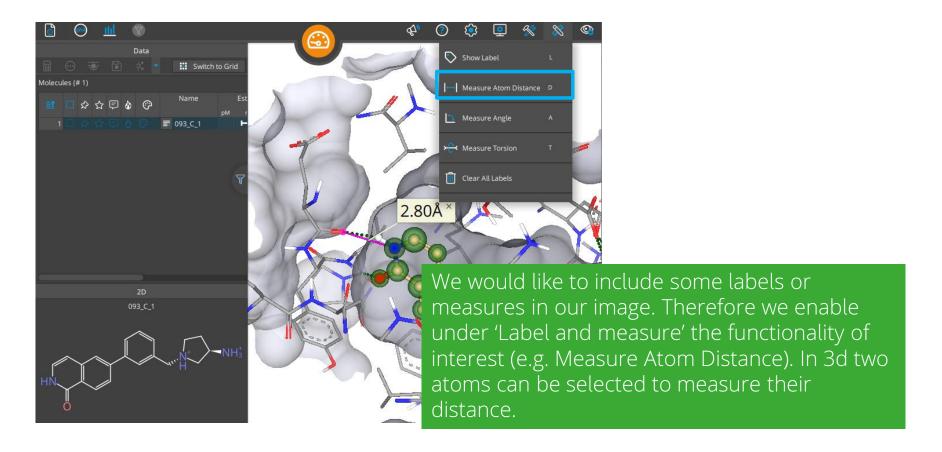


Define a Scene



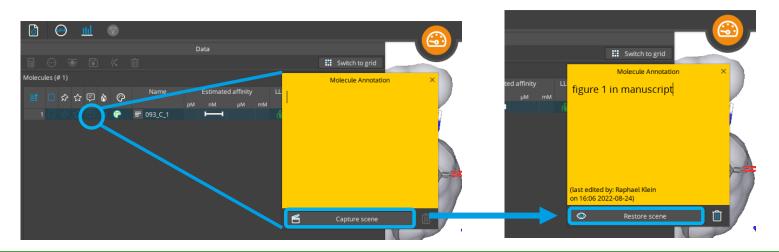
In our image, we would like to focus on hydrogen bond interactions:
In the Sequence View under the 'Show/hide residues' tab we toggle off all residues.
Next we like to show only those that are part of a protein-ligand hydrogen bond 'Show all interacting components'.







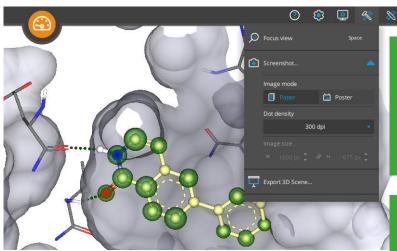
Capture a Scene



Within SeeSAR a specific Scene can be arranged and captured within the 'Molecule Annotation' box. A scene is defined as the 3d view of the protein-ligand complex with all settings like colors, view of specific residues or cartoon toggled on/off, clipped binding site surface, etc. Later on exactly the same view and settings can be restored.



Export a Scene



Screenshots of the Scene can be exported as png image file. Go to 'Utilities' and use the dropdown of Screenshots to adjust dot density and resolution. Most journals require a minimum dot density of 300 dpi.

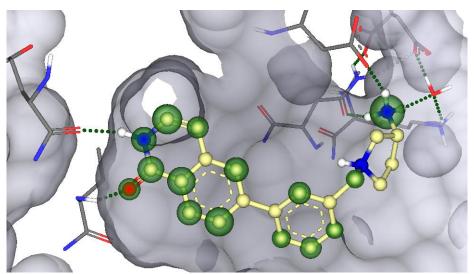
Image mode

Paper: Use current resolution and capture labels Poster: Use custom resolution and don't capture labels.

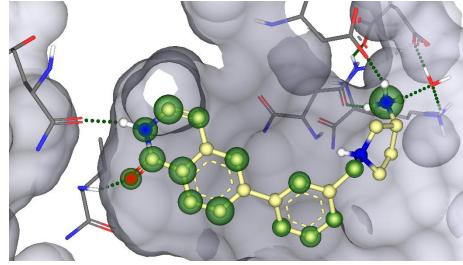
Image size (check journal guidelines): px x dpi = mm



Results Poster Export



300 dpi 1241px • 787px



300 dpi 8000px • 5073px



3D Export

