Visualization

1. Visualize the protein 1cbs. Look at its structure in different visualization models (cartoon, Ball & Stick, Line, Putty, Spacefil).
2. Visualize the surface of the protein 5gmk). See its structure in different surface models (Molecular Surface, Gaussian Surface, Gaussian Volume).
3. Visualize the protein 1cbs. Look at the electron density around its ligand.
4. Visualize the protein 1cbs. Color it according to hydrophobicity, secondary structure, and quality.
5. Visualize the assembly of the Aquareovirus virion (3k1q).
6. Attach the proteins: 2h7s, 2rfc, 2l8m, 3wrk, 2lqd, 3fwg, 6we6, 1k2o, 6oox. Colour them by quality and see which has the worst quality.
7. Attach the 7QPC and Q9LFP6 proteins (from AlphaFoldDB) using:
   https://www.rcsb.org/alignment/?request-body=%7B%22query%22%3A%7B%22context%22%3A%7B%22mode%22%3A%22pairwise%22%2C%22method%22%3A%7B%22name%22%3A%22fatcat-rigid%22%7D%2C%22structures%22%3A%5B%7B%22url%22%3A%22https%3A%2F%2Falphafold.ebi.ac.uk%2Ffiles%2FAF-P41235-F1-model_v2.cif%22%2C%22format%22%3A%20%22mmcif%22%2C%22selection%22%3A%7B%22asym_id%22%3A%22A%22%7D%7D%2C%7B%22entry_id%22%3A%223CBB%22%2C%22selection%22%3A%7B%22asym_id%22%3A%22C%22%7D%7D%2C%7B%22entry_id%22%3A%221PZL%22%2C%22selection%22%3A%7B%22asym_id%22%3A%20%22A%22%7D%7D%5D%7D%7D%7D

8. Check out the 2D diagram for protein 2zfg - try different types of views

9. View the 2D diagram for protein family 2.40.160.10, - try different types of views