

2018

Model file name: alpha helix 0.7.dae


Michelle Howell

University of Nebraska - Lincoln, michelle.palmer@unl.edu

Rebecca Roston

University of Nebraska- Lincoln, rroston@unl.edu

Follow this and additional works at: <https://digitalcommons.unl.edu/structuralmodels>

 Part of the [Graphics and Human Computer Interfaces Commons](#), and the [Structural Biology Commons](#)

Howell, Michelle and Roston, Rebecca, "Model file name: alpha helix 0.7.dae" (2018). *3-D printed model structural files*. 5.
<https://digitalcommons.unl.edu/structuralmodels/5>

This Article is brought to you for free and open access by the Biochemistry, Department of at DigitalCommons@University of Nebraska - Lincoln. It has been accepted for inclusion in 3-D printed model structural files by an authorized administrator of DigitalCommons@University of Nebraska - Lincoln.

Model file name: alpha helix 0.7.dae

Authors: Michelle E Howell, Rebecca L Roston

This is a teaching model of a stick representation of a protein α -helix (PDB: [3vjo](#)). This model can accompany a corresponding [space fill representation](#), a [kinked \$\alpha\$ -helix](#), and a [\$\beta\$ -sheet](#). These models were designed to accompany a teaching module illustrating protein secondary structure and function. The printable model is already uploaded to [Shapeways.com](#) in the [MacroMolecules](#) shop under the name "[Alpha Helix Thick](#)". This model has been printed successfully using these parameters on Shapeways' binder jetting printer in the Coated Full Color Sandstone material.

