2018

Model file name: beta-sheet_rod 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

Model file name: beta-sheet_rod 0.7.dae

Authors: Michelle E Howell, Rebecca L Roston

This is a teaching model of a stick representation of a protein β-sheet (PDB: 3vjo). This model is designed to accompany three other α-helix models: a space-fill representation of a straight α-helix, a stick representation of a straight α-helix, and a stick representation of a kinked α-helix. These models 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 "Beta-sheet_Thick". This model has been printed successfully using these parameters on Shapeways' binder jetting printer in the Coated Full Color Sandstone material.