Situs Biomachina Myosin Template Matching

Ting Chih Lin

H10_16 (Tip & Shaft)

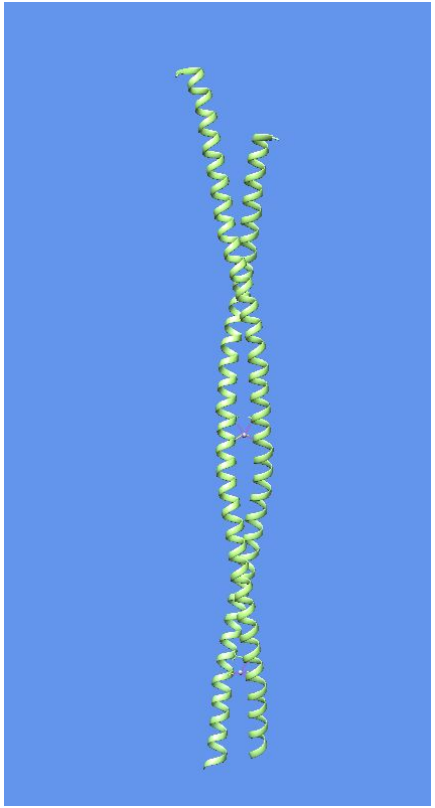
ZM_Box25-4_110613_H10_16_Inverted_Cropped_Rotated_ActinsAligned_20nmInwardSlabFromMemebrane.mrc

Colores Template Matching Algorithm

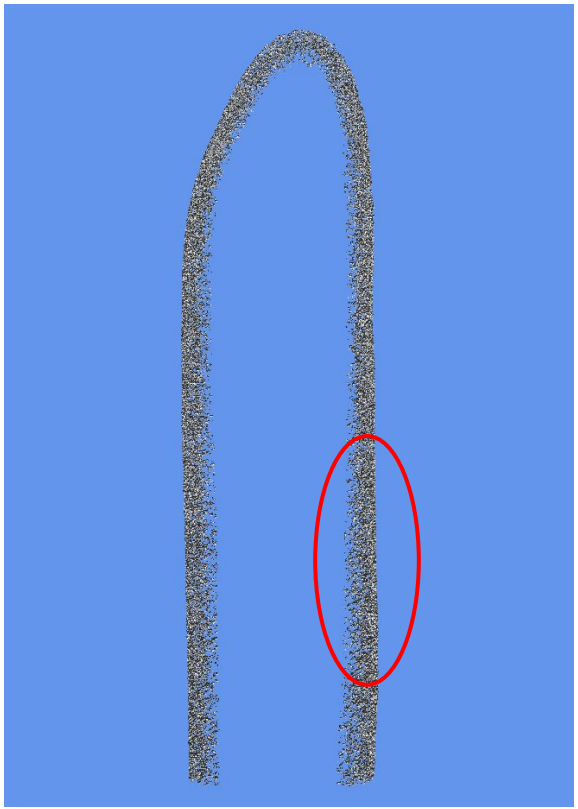
Command: `./colores ZM_Box25-4_110613_H10_16_Inverted_Cropped_Rotated_ActinsAligned_20nmInwardSlabFromMemebrane.mrc myosin7_model.pdb -res 9.47 -corr 0`

Default settings

myosin7_2FXM.pdb
PDB ID: 2FXM



1st Run



Region where Myosin was matched with the density

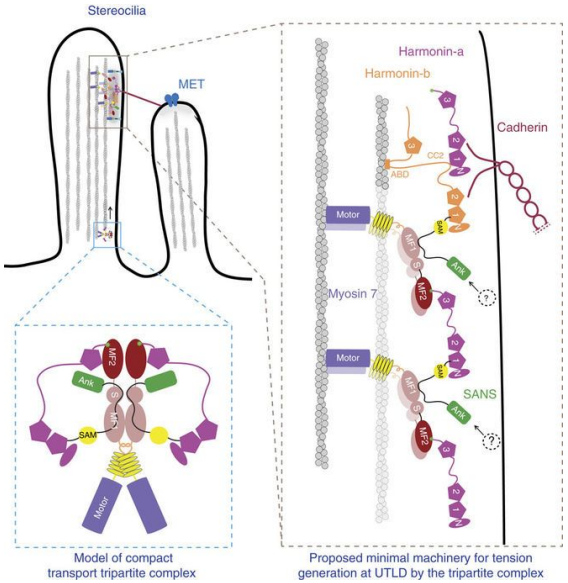
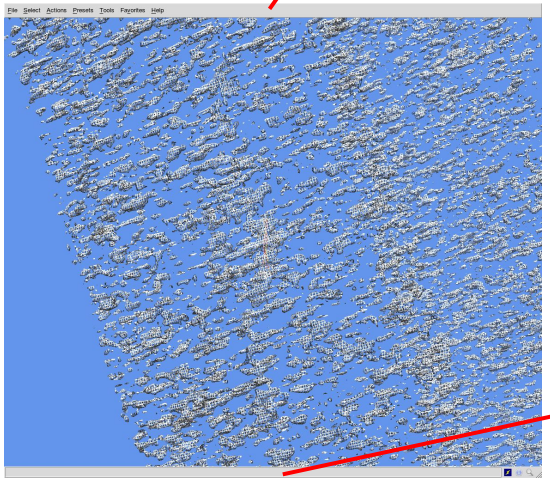
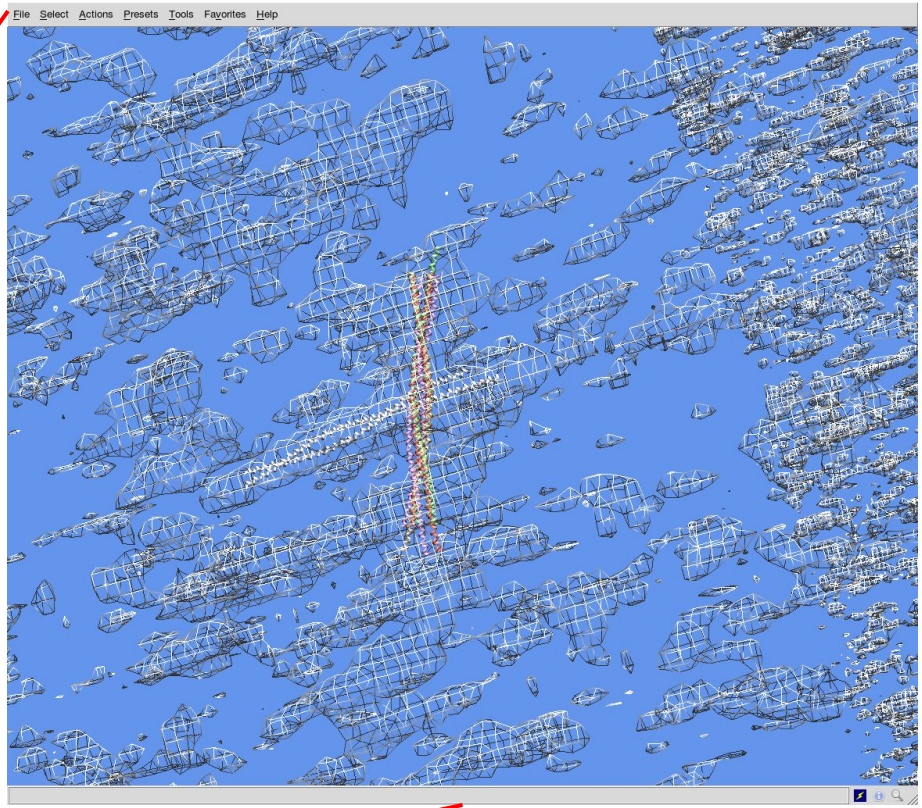
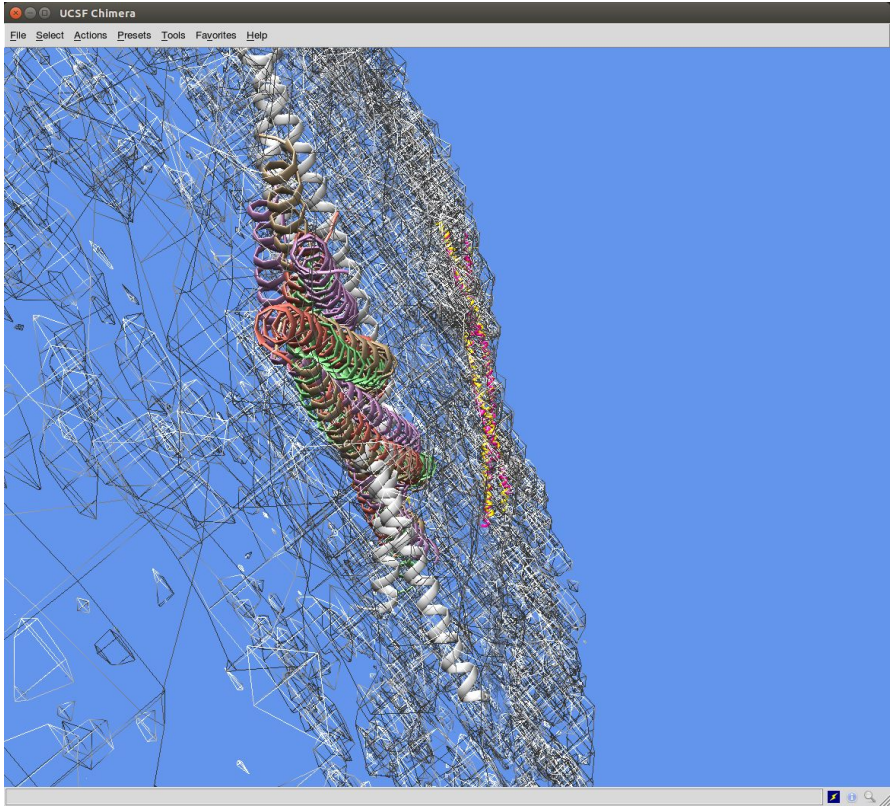


Figure 6 Titus & Houdusse et el. Nature 2017

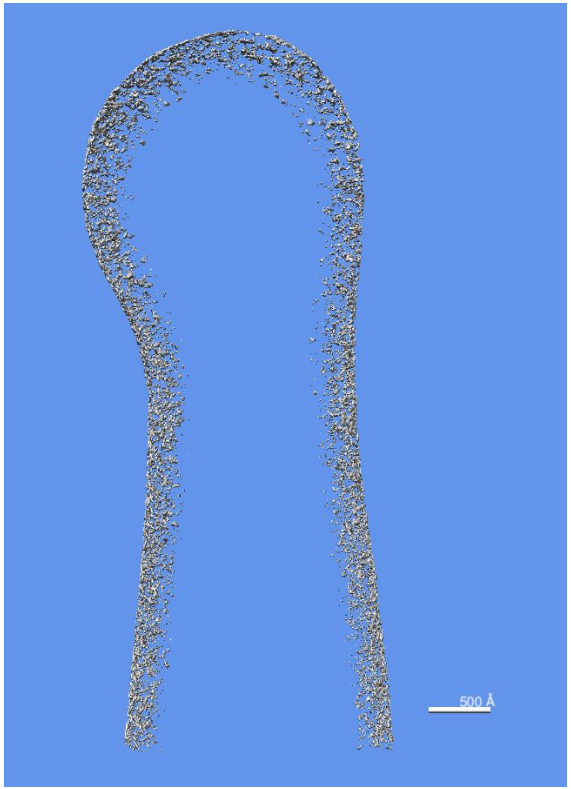
May be a bit far from the tip but it might correspond to the figure above.


File Select Actions Presets Tools Favorites Help

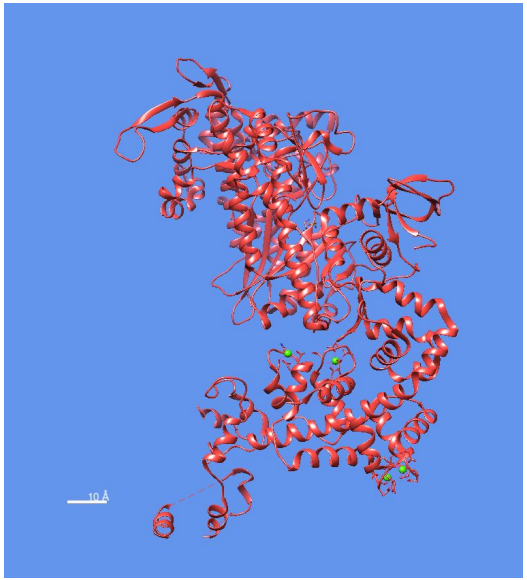

File Select Actions Presets Tools Favorites Help


UCSF Chimera
File Select Actions Presets Tools Favorites Help

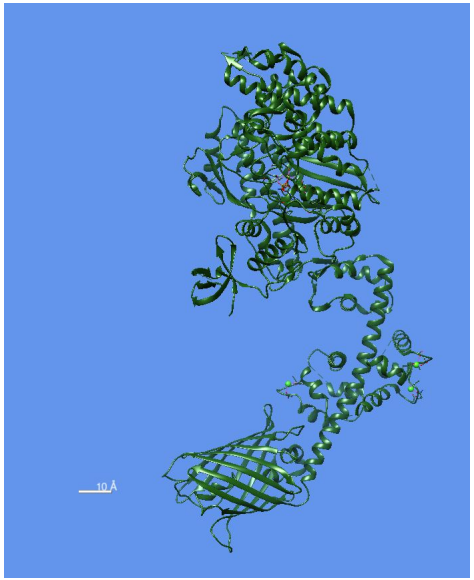
H10_9 (Taper)



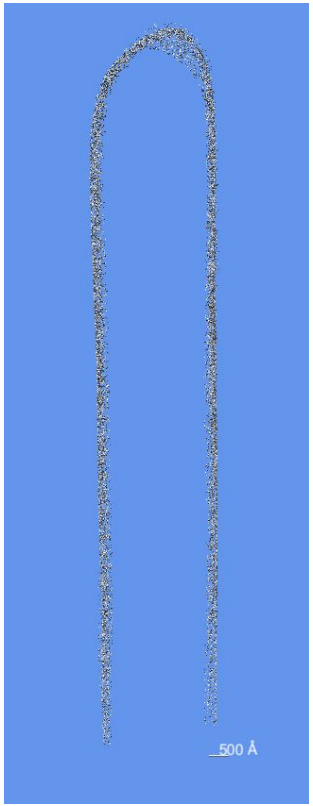
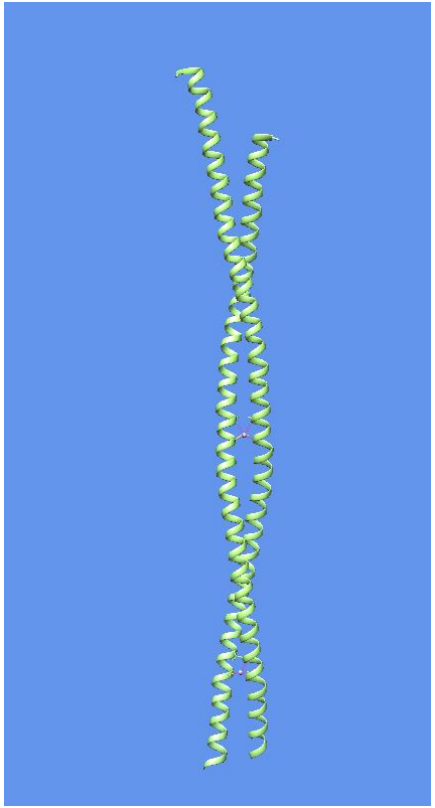
myosin6_2BKI.pdb
Myosin6 2BKI



myosin6_4ANJ.pdb
Myosin6 4ANJ



H10_14 (Tip & Shaft)



Myosin7_temlate.pdb
PDB ID: 2FXM