



View Protocols SPA

## Protocols SPA

## Imports

- import movies
- import micrographs
- import particles
- import volumes

## more

## Movies

## Micrographs

- CTF estimation
- Preprocess

## Particles

- Picking
- Extract
- Preprocess
- Filter
- Mask

## 2D

- Alien
- Classifu

## 3D

- Initial volume
- Preprocess

xmipp3 - crop/resize volumes

xmipp3 - preprocess volumes

xmipp3 - filter volumes

xmipp3 - create 3d mask

xmipp3 - apply 3d mask

xmipp3 - align volume

relion - create 3d mask

## more

- Classifu
- Refine
- Postprocess
- Analysis
- Reconstruct

## Tools

## Exports

Edit Copy Delete Browse

xmipp3 - create  
finisolution MonoD...  
xmipp3 - local  
finishexmipp3 - crop/resize v  
finishexmipp3 - localdebl  
finishe

Summary Methods Output Log

## Input

input.Volumes (from xmipp3 -

## Output

xmipp3 - crop/resize volume

## SUMMARY

Output volume(s) have a different sampling rate (pixel size): 0.740 Å/px  
Resizing method: Sampling Rate  
The volume(s) were windowed.  
New size: 250 px



Protocol: xmipp3 - crop/resize volumes

finished Cite Help

## Run

Run name xmipp3 - crop/resize volum Comment

Run mode Continue Restart Host localhost

Parallel Threads 2 MPI 1 Use queue? Yes No

Wait for

Expert Level Normal Advanced

## Input

## Input

Input Volumes xmipp3 - local deepRes.resolution\_Volume

Resize volumes? Yes No

Resize option Sampling Rate

Resize sampling rate (Å/px) 0.74

Apply a window operation? Yes No

Window operation window

Window size (px) 250

Close

Save

Execute